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and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

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LIST OF ACRONYMS

µg/L	micrograms per liter
%R	percentage of recovery
CO_2	carbon dioxide
1,1-DCE	1,1-dichloroethylene
cis-1,2-DCE	cis-1,2-dichloroethylene
trans-1,2-DCE	trans-1,2-dichloroethylene
DO	dissolved oxygen
DPVE	dual-phase vacuum extraction
EPA	Environmental Protection Agency (United States)
gpm	gallons per minute
lbs/hr	pounds per hour
MACTEC	MACTEC Engineering and Consulting, Inc.
mg/L	milligrams per liter
mL/min	milliliters per minute
MS	matrix spike
MS/MSD	matrix spike/matrix spike duplicate
MSD	matrix spike duplicate
ND	not detected
NYSDEC	New York State Department of Environmental Conservation
O&M	operation and maintenance
ORP	oxidation-reduction potential
PARCC	precision, accuracy, representativeness, completeness, and comparability
QC	quality control
RPD	relative percent difference
SQL	sample quantitation limit
System	dual-phase vacuum extraction and groundwater remedial treatment system
TCE	trichloroethylene
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes activities and results for the semi-annual sampling events for the year 2006. It also discusses the continued remedial progress of the dual-phase vacuum extraction (DPVE) and bedrock groundwater extraction system (System) since start up in January 2001. This continued remedial evaluation is consistent with the statement of remedial action objectives in Section 2.2 of the approved *Remedial Work Plan* (Harding Lawson, 2000). "The short term criteria (approximately 2 years) to track the effectiveness of the remediation of VOCs [volatile organic compounds] in groundwater is to demonstrate a downward trend in VOC concentrations achieved using a combination of active, passive, and enhanced biodegradation remedial technology approaches." All activities described herein are also consistent with an assignable release for the site, granted by the New York State Department of Environmental Conservation (NYSDEC) via letter dated September 2, 2005 (NYSDEC, 2005b). In the same letter, NYSDEC approved the System as implemented and determined that no further investigation or response would be required at the site to render it safe for contemplated uses.

The first semi-annual sampling event for 2006 was conducted in July and the second in December. A summary of the sampling event results for 2001-2005 are also included. These activities occurred at the former Taylor Instruments Site – NYSDEC Site #828028a located at 95 Ames Street in Rochester, New York (Figure 1 in Appendix A), pursuant to a Voluntary Cleanup Agreement (NYSDEC, 1997).

The site's remedial progress since January 2001 has been measured by the change in trichloroethylene (TCE) concentrations in on-site monitor wells and System performance data including influent groundwater results and contaminant mass removal quantities to determine when extraction of this mass has reached asymptotic levels. TCE has been used to track remedial progress because it is the primary contaminant of concern remaining at the site.

The operation of the System was modified on May 10, 2004, from continuous operation to intermittent operation (also known as "pulsed pumping"). This modification was made based on the System's contaminant recovery rate which had reached near-asymptotic conditions under continuous operation. The modified operation was approved by NYSDEC via letter dated January 8, 2004 (NYSDEC, 2004). This operation was further modified in 2005, by extending the shutdown periods, resulting in 3-month

shutdown periods. This modification was made based on asymptotic contaminant recovery rates that continued, even under the intermittent operations in 2004. This modification was approved by NYSDEC via letter dated April 7, 2005 (NYSDEC 2005a). Intermittent operations continued until August 2006, when MACTEC received NYSDEC approval to proceed with implementation of the *Accelerated Bioremediation Pilot Test Work Plan* (MACTEC, 2006b) via letter dated August 22, 2006 (NYSDEC, 2006). The shut down of the remediation system was extended to optimize conditions that are favorable for the pilot test.

Since initial startup of the remediation system in January 2001, approximately 56.4 million gallons of groundwater have been extracted and treated, resulting in the removal of 3,458 pounds of contaminants from the subsurface soil and groundwater. Overall declines of TCE contamination have occurred in all of the on-site monitor wells since startup of the system. Additionally, ofb-site monitor wells have shown no detectable levels of contamination (Haley & Aldrich of New York, 2001a and 2001b).

2.0 SCOPE OF WORK

2.1 JULY AND DECEMBER 2006 SEMI-ANNUAL SAMPLING EVENTS

MACTEC Engineering and Consulting, Inc. (MACTEC) personnel performed the July and December sampling events to provide an inclusive set of groundwater analytical data for the annual period of 2006. Thirty-five samples in July and 38 samples in December were collected and submitted to Test America, Incorporated, for volatile organic analyses by U.S. Environmental Protection Agency (EPA) Method 8260B (Table 2-1). Of the 38 samples collected in December, eight were also submitted for the natural biodegradation parameters shown in Table 2-1. One sample was submitted for only selected natural biodegradation parameters, which were alkalinity, chloride, and carbon dioxide. Twelve of the 35 July samples and 12 of the 38 December samples were associated with quality control efforts. All environmental samples, including field duplicates and matrix spike/matrix spike duplicate (MS/MSD) samples, were collected using low-flow peristaltic pumps at flow rates <400 milliliters per minute (mL/min).

A summary of analytical results for the extraction, overburden, and bedrock monitor wells is presented in Tables 3-1, 3-2, and 3-3 and Figures 2 and 3 (Appendix A), respectively. A comprehensive table showing historical analytical results for the overburden and bedrock monitor wells is provided in Appendix B. Laboratory reports and chain-ob-custody forms for all samples are located in Appendices B and C, respectively. Field measurements of pH, conductivity, temperature, turbidity, oxidation-reduction potential, and dissolved oxygen (DO) were collected during purging. Purge and sample data are presented on the field data records located in Appendix E.

2.2 TREATMENT SYSTEM OPERATION AND MAINTENANCE (O&M)

MACTEC provides full-scale O&M services for the System at the subject site. While the System is operating, it is monitored remotely on a daily basis via telemetry. Key operational data and alarms are accessed through the programmable logic controller via phone line which allows MACTEC personnel in Tennessee to determine the status of the System remotely and to quickly contact O&M personnel based

Table 2-1
Samples and Analysis

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Sample ID	Sample Date	VOCs[1] Analysis	Natural Biodegradation Parameter Analysis[2]	Description
BR-01	07/19/2006	X		Environmental Sample
	12/08/2006	X		
BR-02	07/19/2006	X		Environmental Sample
	12/08/2006	X		
BR-03	07/19/2006	X		Environmental Sample
	12/08/2006	X		
BR-04	07/20/2006	X		Environmental Sample
	12/09/2006	X		
BR-05	07/20/2006	X		Environmental Sample
	12/09/2006	X		
BR-05 (MS)	07/20/2006	X		Matrix Spike
	12/09/2006	X		
BR-05 (MSD)	07/20/2006	X		Matrix Spike Duplicate
	12/09/2006	X		
BR-06	12/08/2006	X		Environmental Sample
BR-07	07/19/2006	X		Environmental Sample
	12/08/2006	X		
BR-07 (DUP)	07/19/2006	X		Duplicate
	12/08/2006	X		
BR-08	07/19/2006	X		Environmental Sample
	12/09/2006	X		
BR-09	07/20/2006	X		Environmental Sample
	12/09/2006	X		
BR-10	07/20/2006	X		Environmental Sample
	12/08/2006	X		
BR-11	07/20/2006	X		Environmental Sample
	12/09/2006	X		
BR-11 (DUP)	12/09/2006	X		Duplicate
BR-15	07/20/2006	X		Environmental Sample
	12/10/2006	X		
BR-17	07/20/2006	X		Environmental Sample
	12/10/2006	X		
OB-04	07/20/2006	X		Environmental Sample
	12/06/2006	X		
OB-05	12/07/2006	X		Environmental Sample
OB-06	07/21/2006	X		Environmental Sample
	12/10/2006	X		
OB-07	07/19/2006	X		Environmental Sample
	12/11/2006	X	X[2]	
OB-07 (MS)	07/18/2006	X		Matrix Spike
	12/11/2006	X		
OB-07 (MSD)	07/18/2006	X		Matrix Spike Duplicate
	12/11/2006	X		

See notes at end of table.

Table 2-1 (Continued)
Samples and Analysis

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Sample ID	Sample Date	VOCs[1] Analysis	Natural Biodegradation Parameter Analysis[2]	Description
OB-08	07/21/2006	X		Environmental Sample
	12/06/2006	X		
OB-09	07/18/2006	X		Environmental Sample
	12/05/2006	X	X[2]	
QAFB01	07/18/2006	X		Field Blank
	12/08/2006	X		
QAFB02	07/20/2006	X		Field Blank
	12/09/2006	X		
QARB01	07/18/2006	X		Rinsate Blank
	12/08/2006	X		
QARB02	07/20/2006	X		Rinsate Blank
	12/09/2006	X		
QATB01	07/18/2006	X		Trip Blank
	12/08/2006	X		
QATB02	07/19/2006	X		Trip Blank
	12/09/2006	X		
TW-04	07/18/2006	X		Environmental Sample
	12/11/2006	X	X[2]	
TW-07	07/18/2006	X		Environmental Sample
	12/05/2006	X	X[2]	
TW-09	07/18/2006	X		Environmental Sample
	12/06/2006	X	X[2]	
TW-17	07/18/2006	X		Environmental Sample
	12/06/2006	X	X[2]	
TW-20	07/18/2006	X		Environmental Sample
	12/06/2006	X	X[2]	
W-2	12/10/2006		X[3]	Environmental Sample
W-5	07/19/2006	X		Environmental Sample
	12/05/2006	X	X[2]	
W-5 (DUP)	07/19/2006	X		Duplicate

[1] VOCs analyzed by Method 8260B.

[2] Natural biodegradation parameters include nitrate, sulfate, and chloride by Method 300, total organic carbon by Method 415.1, sulfide by Method 376.1, ferrous iron by Method 3500D, methane, ethane, and ethene by Method 8015M, carbon dioxide by Method 4500C, and alkalinity by Method 310.1M.

[3] Analyzed for alkalinity by Method 310.1M, chloride by Method 300, and carbon dioxide by Method SM4500C.

Notes: DUP = duplicate
ID = identification
MS = matrix spike
MSD = matrix spike duplicate
VOC = volatile organic compound

Prepared by T. Williams on 1-08-07

Checked by J Deatherage on 1-24-07

in Rochester to perform maintenance, thus maximizing System runtime. During System operation, routine O&M activities are conducted monthly and major activities are conducted quarterly. These activities include the following:

- Monthly
  - Collecting System operational data including line pressures, equipment runtime, flow rates, vacuum levels, and other pertinent data.
  - Checking operation of all equipment for vibration or unusual noise, leaks, and unusual operation.
  - Checking filters, operating fluid levels, and cleanliness of vacuum and transfer pumps and groundwater treatment components.
  - Collecting System performance samples. Performance samples are collected from each vacuum pump and air stripper exhaust stack, and the influent and effluent of the air stripper.

- Quarterly
  - Completing all monthly activities.
  - Collect water levels from site monitor wells.
  - Checking pump motors for wear.
  - Checking all electrical components for proper operation.
  - Cleaning groundwater treatment equipment.
  - Collecting compliance samples from the effluent of the System prior to discharge to the Monroe County Pure Waters Sewer System.

The O&M manual for the System contains the above information and full details of all equipment and components (Harding ESE, 2001).

As part of intermittent operation, the System, which had been shut down in October 2005, was restarted on January 25, 2006. The System was shut down again on May 16, 2006, to allow groundwater stabilization prior to the July 2006 sampling event. After the July 2006 sampling event the system remained shutdown for the remainder of 2006 off as part of an accelerated bioremediation pilot test, which was initiated in September 2006.

2.3 PILOT TEST ACTIVITIES

As an alternative to continued operation of the DPVE system, accelerated bioremediation using Hydrogen Release Compound™ (HRC™, a Regenesis product) is being evaluated to supplement remedial efforts at the Site. As a first step in evaluating the application of HRC™ at the Site, MACTEC deployed Bio-Trap™ samplers in the two former source areas on April 27, 2006. The Bio-Trap™ samplers were placed in the screened intervals of monitoring wells OB-08 and W-5 in the North TCE Source Area and monitoring wells OB-04 and OB-06 in the South TCE Source Area (Figure 1); one sampler served as a control sample and the other sampler served as a baited sample containing HRC™. The samplers were left for 60 days, after which they were removed and submitted to Microbial Insights, Inc., for analysis of dehalococcoides (known dechlorinating microorganism), total universal bacteria, and sulfate reducers. The results from the control and baited samplers were compared to assess the effect of the HRC™ on the Site's microbial population. The results indicated that the HRC™ favorably increased the Site's microbial population. Based on the Bio-Trap™ results, enhanced bioremediation using HRC™ was selected for pilot testing as a supplemental remedy for overburden groundwater in the source areas.

MACTEC prepared and submitted to NYSDEC on July 18, 2006, the *Accelerated Bioremediation Pilot Test Work Plan* (MACTEC 2006b), for the pilot-scale application of HRC™ in the North and South TCE Source Areas. The NYSDEC approved the Work Plan via letter dated August 22, 2006 (NYSDEC 2006).

MACTEC performed the field activities to inject HRC™ into the on-site groundwater from September 24-29, 2006. During this period, MACTEC completed the "baseline" and "immediately after injection" monitoring events as part of the pilot test. Monthly performance monitoring events were subsequently performed in November and December 2006.

MACTEC is providing NYSDEC with pilot test summaries in the monthly progress reports, which are currently submitted each month. A final report will be prepared at the completion of the pilot test and will summarize results from testing as well as provide conclusions on the effectiveness of the HRC™ and, if applicable, recommendations for further applications.

3.0 SUMMARY OF RESULTS

Presented below are the results of the groundwater sampling events conducted from November 2000 to December 2006. Also included is a discussion of contaminant trends from the baseline event (November/ December 2000) through eighteen subsequent events.

The wells sampled during the semi-annual (July and December 2006) events are divided into four categories. These categories are (1) the North and South TCE Source Areas; (2) Upgradient, which includes wells upgradient of the source areas; (3) Downgradient Perimeter, which includes wells downgradient of the source areas; and (4) Deep Bedrock, which includes BR-08 and BR-14. Well construction information is provided in Appendix F.

A summary of wells sampled and the analyses performed are found in Table 2-1. The baseline sampling event is summarized in Table 3-1. The sample results for the 2005 and 2006 sampling events are summarized in Tables 3-2 and 3-3. These tables present only detected volatile organic compound (VOC) results. A comprehensive table showing historical results is provided in Appendix B. Sample VOC results are also presented in "flag boxes" in Appendix A, Figures 2 and 3, representing overburden monitor wells and bedrock monitor wells. The following discussions will focus on TCE concentrations in the site's monitor wells. TCE concentration trend graphs for both overburden and bedrock monitor wells are provided in Appendix G. These graphs present data from the baseline and 2001-2006 sampling events. Table 3-4 presents a summary of the decline of TCE concentrations over time in monitor wells. Comprehensive results can be found in the table located in Appendix B.

3.1 NORTH AND SOUTH TCE SOURCE AREAS

Overburden Monitor Wells (South TCE Source Area)

Monitor wells OB-04 and OB-06 are both located within the South TCE Source Area while OB-07 is within the plume. Recent results for these wells are presented in Table 3-2.

TCE concentrations in monitor wells OB-04 decreased from 385 micrograms per liter (μg/L) in December 2005 to 252 μg/L in July 2006. TCE concentrations increased to 1,920 μg/L in December 2006. This contaminant increase is typical for the initial monitoring events following an HRC™ injection. The HRC™ causes contaminants to desorb from the soil particles in the aquifer, thus

Table 3-1
Summary of Extraction Well VOC Results for the Baseline Sampling Event

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
EW-N-1*	11/10/00	2,400	93	28 J	--	--
EW-N-2*	11/10/00	7,200	1,100	--	--	--
EW-N-3*	11/10/00	13,000	490 J	--	--	--
EW-N-4*	11/11/00	840	31	--	--	--
EW-N-5*	11/11/00	640	--	--	--	--
EW-N-6*	11/11/00	6,800	130 J	--	--	--
EW-S-1S*	11/10/00	160	16 J	--	--	--
EW-S-1S (DUP)*	11/10/00	170	18 J	--	--	--
EW-S-1D*	11/10/00	200,000	11,000	--	--	--
EW-S-2*	11/08/00	360	180	18	180	4.5 J
EW-S-3*	10/27/00	1,100	60	--	--	--
EW-S-4*	10/26/00	60,000	36,000	--	--	--
EW-S-5*	10/27/00	590,000	--	--	--	--
EW-S-6*	10/27/00	13,000	1,200	--	--	--
EW-S-7*	11/08/00	130,000	1,900 J	--	--	--
EW-S-8*	10/27/00	570,000	--	--	--	--
EW-S-9*	11/08/00	16,000	460 J	--	--	--
EW-S-10*	11/09/00	--	--	--	--	--
EW-S-11*	11/08/00	--	--	--	--	--
EW-S-12*	11/08/00	--	--	--	--	--
EW-S-13*	11/09/00	--	--	--	--	--
EW-S-14*	11/09/00	--	--	--	--	--
EW-S-15*	11/09/00	--	--	--	--	--
EW-S-16*	11/09/00	--	--	--	--	--
BREW-N-1*	11/19/00	1,000	53	1.5 J	--	--
BREW-S-1*	11/19/00	250	140	3.1 J	--	--

Notes:
-- = no detections
* = one-time sampling event
µg/L = micrograms per liter
1,1-DCE = 1,1-dichloroethylene
cis-1,2-DCE = cis-1,2-dichloroethylene
DUP = duplicate
ID = identification
J = estimated value
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Table 3-2
Summary of Overburden VOC Results for the 2005-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
OB-04	06/26/05	367	141	2.4	--	--
OB-04	12/03/05	385	139	1.14	--	--
OB-04	07/20/06	252	153	1.56	--	--
OB-04	12/06/06	1,920	892	--	--	1.19
OB-05	06/29/05	155	1.7	--	--	--
OB-05	12/03/05	81.3	1.12	--	--	--
OB-05	07/21/06	69.9	--	--	--	--
OB-05	12/07/06	133	1.31	--	--	--
OB-06	06/26/05	37.1	1.8	--	--	--
OB-06	12/02/05	117	4.71	--	--	--
OB-06	07/21/06	60.5	2.59	--	--	--
OB-06	12/10/06	87.8	2.69	--	--	--
OB-07	06/25/05	11.1	--	--	--	--
OB-07	12/05/05	10.2	--	--	--	--
OB-07	07/19/06	9.90	--	--	--	--
OB-07	12/11/06	12.0	--	--	--	--
OB-08	06/29/05	570	3.3	--	--	--
OB-08	12/06/05	797	6.25	2.17	--	--
OB-08	07/21/06	890	7.85	3.91	--	--
OB-08	12/06/06	73.7	1,550	10.7	--	--
OB-09	06/25/05	41.5	--	--	--	--
OB-09	12/05/05	69.0	2.32	--	--	--
OB-09	07/18/06	60.4	2.26	--	--	--
OB-09	12/05/06	115	5.17	--	--	--
TW-04	06/24/05	9.20	1.7	--	--	--
TW-04	12/01/05	31.4	--	--	--	--
TW-04	07/18/06	27.9	--	--	--	--
TW-04	12/11/06	8.99	--	--	--	--
TW-07	06/24/05	8.5	7.7	3.5	--	--
TW-07	12/05/05	13.3	5.44	4.42	--	--
TW-07	07/18/06	17.6	18.3	5.56	--	--
TW-07	12/05/06	2.09	--	--	--	--
TW-09	06/24/05	48.2	1.7	--	--	--
TW-09	12/05/05	45.0	1.48	--	--	--
TW-09	07/18/06	56.7	1.35	--	--	--
TW-09	12/06/06	34.3	2.60	--	--	--
TW-17	06/24/05	340	1.0	--	--	--
TW-17	12/01/05	397	1.35	--	--	--
TW-17	07/18/06	410	2.04	--	--	--
TW-17	12/06/06	246	7.47	--	--	--

See notes at end of table.

Table 3-2 (Continued)
Summary of Overburden VOC Results for the 2005-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
TW-20	06/24/05	1.5	--	--	--	--
TW-20	12/01/05	6.32	--	--	--	--
TW-20	07/18/06	12.0	--	--	--	--
TW-20	12/06/06	13.2	--	--	--	--
W-2	06/05	NS	NS	NS	NS	NS
W-2	12/01/05	--	--	--	--	--
W-2	07/06	NS	NS	NS	NS	NS
W-2	12/10/06	NS	NS	NS	NS	NS
W-5	06/25/05	381	98.2	3.7	--	--
W-5 (DUP)	06/25/05	380	93.2	3.5	--	--
W-5	12/05/05	1,100	76.9	2.13	--	--
W-5 (DUP)	12/05/05	916	69.5	--	--	--
W-5	07/19/06	212	104	2.34	--	3.63
W-5 (DUP)	07/19/06	219	99.0	2.30	--	3.81
W-5	12/05/06	263	122	2.89	--	7.14
W-6	06/26/05	--	--	--	--	--
W-6	12/03/05	--	1.76	--	--	--
W-6	07/06	NS	NS	NS	NS	NS
W-6	12/06	NS	NS	NS	NS	NS

Notes: A comprehensive historical summary of results is presented in Appendix B.

-- = no detections
µg/L = micrograms per liter
1,1-DCE = 1,1-dichloroethylene
cis-1,2-DCE = cis-1,2-dichloroethylene
DUP = duplicate
ID = identification
J = estimated value
NS = not sampled
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by T. Williams on 1-11-07
Checked by J. Deatherage on 2-2-07

Table 3-3
Summary of Bedrock VOC Results for the 2005-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-01	06/26/05	199	6.5	1.0	--	--
BR-01	12/02/05	1.12	36.2	1.10	--	--
BR-01	07/19/06	--	3.09	--	--	--
BR-01	12/08/06	--	3.73	--	--	--
BR-02	06/27/05	163	29	9.1	--	--
BR-02	12/03/05	114	23.1	9.08	--	--
BR-02	07/19/06	120	16.9	8.29	--	--
BR-02	12/08/06	113	31.1	11.3	--	--
BR-03	06/26/05	73.4	5.6	--	--	--
BR-03	12/02/05	5.57	21.0	--	--	--
BR-03	07/19/06	248	6.97	--	--	--
BR-03	12/08/06	29.7	27.3	--	--	--
BR-04	06/28/05	6.6	937	22.5	1.6	1.2
BR-04	12/03/05	16.4	127	2.21	--	--
BR-04	07/20/06	3,940	6,410	147	21.3	12.9
BR-04	12/09/06	5.32	2,030	24.1	3.17	5.21
BR-05	06/28/05	60.1	268	18.3	1.8	23.1
BR-05	12/03/05	1.45	6.33	--	--	--
BR-05	07/20/06	14.4	95.5	5.52	--	6.68
BR-05	12/09/06	1.25	4.51	--	--	--
BR-06	06/05	NS	NS	NS	NS	NS
BR-06	12/06/05	--	--	--	--	--
BR-06	07/06	NS	NS	NS	NS	NS
BR-06	12/08/06	--	--	--	--	--
BR-07	06/28/05	--	3.0	2.5	--	7.3
BR-07 (DUP)	06/28/05	--	2.9	2.3	--	6.6
BR-07	12/03/05	--	6.01	4.72	--	15.6
BR-07 (DUP)	12/03/05	--	6.30	4.74	--	16.5
BR-07	07/19/06	--	4.54	3.79	--	11.2
BR-07 (DUP)	07/19/06	--	4.69	3.84	--	11.0
BR-07	12/08/06	6.37	38.0	23.6	--	98.1
BR-07 (DUP)	12/08/06	7.6	36.6	21.1	--	99.3
BR-08 (Deep)	06/27/05	50	126	14.7	--	3.4
BR-08 (Deep)	12/02/05	11.4	42.4	4.24	--	--
BR-08 (Deep)	07/19/06	12.5	80.2	--	--	2.90
BR-08 (Deep)	12/09/06	12.0	78.8	5.86	--	6.30

See notes at end of table.

Table 3-3 (Continued)
Summary of Bedrock VOC Results for the 2005-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-09	06/28/05	102	18.8	--	--	--
BR-09	12/06/05	--	19.4	--	--	--
BR-09	07/20/06	11.0	3.70	--	--	--
BR-09	12/09/06	1.39	--	--	--	--
BR-10	06/27/05	558	166	17.3	--	1.3
BR-10	12/03/05	474	122	11.1	--	--
BR-10	07/20/06	52.3	12.2	1.53	--	--
BR-10	12/08/06	28.2	15.0	1.26	--	--
BR-11	06/28/05	392	267	20.4	1.3	3.0
BR-11	12/06/05	8.75	7.97	--	--	--
BR-11	07/20/06	16.7	255	47.2	1.28	7.43
BR-11	12/09/06	5.81	185	35.7	1.19	7.63
BR-11 (DUP)	12/09/06	8.66	200	40.4	1.46	9.82
BR-12	12/03/05	--	7.3	--	--	--
BR-12	06/26/05	--	6.4	--	--	--
BR-12	07/06	NS	NS	NS	NS	NS
BR-12	12/06	NS	NS	NS	NS	NS
BR-13	06/28/05	--	--	--	--	--
BR-13	12/03/05	--	--	--	--	--
BR-13	07/06	NS	NS	NS	NS	NS
BR-13	12/06	NS	NS	NS	NS	NS
BR-14 (Deep)	06/26/05	--	--	--	--	--
BR-14 (Deep)	12/02/05	--	--	--	--	--
BR-14 (Deep)	07/06	NS	NS	NS	NS	NS
BR-14 (Deep)	12/06	NS	NS	NS	NS	NS
BR-15	06/26/05	1,080	167	4.4	--	--
BR-15	12/03/05	760	117	2.36	--	--
BR-15	07/20/06	1,200	336	13.0	1.78	--
BR-15	12/10/06	390	138	3.30	1.20	1.44
BR-16	06/05	NS	NS	NS	NS	NS
BR-16	12/05	NS	NS	NS	NS	NS
BR-16	07/06	NS	NS	NS	NS	NS
BR-16	12/06	NS	NS	NS	NS	NS
BR-17	06/28/05	4.6	9.2	1.5	--	--
BR-17	12/02/05	5.01	1.24	--	--	--
BR-17	07/20/06	9.38	270	56.8	1.50	2.75
BR-17	12/10/06	13.6	325	57.4	2.10	2.48

See notes at end of table.

Table 3-3 (Continued)
Summary of Bedrock VOC Results for the 2005-2006 Sampling Events

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Notes: A comprehensive historical summary of results is presented in Appendix B.

-- = no detections
µg/L = micrograms per liter
1,1-DCE = 1,1-dichloroethylene
cis-1,2-DCE = cis-1,2-dichloroethylene
DUP = duplicate
ID = identification
J = estimated value
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by J. Deatherage on 1-11-06

Checked by T. Williams on 2-2-06

increasing the contaminant concentrations in the groundwater. The historical overall decline for OB-04 is 97 percent (Table 3-4). TCE concentrations decreased in monitor well OB-06 from 117 μg/L in December 2005 to 60.5 μg/L in July 2006. OB-06 TCE levels increased slightly in December 2006 to 87.8 μg/L. Overall TCE levels remain below baseline levels, resulting in a decline of 98 percent (Table 3-4).

Monitor Well OB-07 reported TCE concentrations of 9.90 μg/L and 12.0 μg/L in July and December 2006, respectively, and no detections of daughter products, resulting in a 45 percent decline from baseline levels (Table 3-4).

Overburden Monitor Wells (North TCE Source Area)

Monitor wells OB-05 and OB-08 are both located within the North TCE Source Area while OB-09 is within the plume. Recent results for these wells are presented in Table 3-2.

TCE concentrations in monitor well OB-05 decreased from 81.3 μg/L (December 2005) to 69.9 μg/L in July 2006. TCE concentrations in OB-05 increased to 133 μg/L in December 2006 but remained 99 percent less than baseline levels. TCE concentrations in monitor well OB-08 increased from 797 μg/L in December 2005 to 890 μg/L in July 2006, but decreased to 73.7 μg/L in December 2006, with an overall 98 percent decrease from the historical high value (Table 3-4). The sharp decline is likely due to the effects of the HRC™ injections conducted in September 2006. TCE concentrations in monitor well OB-09 decreased from 69.0 μg/L in December 2005 to 60.4 μg/L in July 2006, and increased to 115 μg/L in December 2006, with an overall 36 percent decrease from the historical high value(Table 3-4). TCE concentrations for monitor wells OB-05, OB-08, and OB-09 remain well below their highest baseline or highest post baseline concentrations.

Bedrock Monitor Wells (South TCE Source Area)

Bedrock monitor wells BR-04, BR-09, BR-10, BR-11, and BR-17 are located within the South TCE Source Area. Recent results for these wells are presented in Table 3-3.

TCE concentrations in monitor well BR-17 increased from 5.01μg/L in December 2005 to 9.38 μg/L in July 2006, and to 13.6 μg/L in December 2006; however, the overall decline in TCE concentrations remains 99 percent (Table 3-4). TCE concentrations in monitor wells BR-09 increased slightly from

Table 3-4
Decline of TCE Concentrations Over Time

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Well ID[1]	Area	High (ppb) BL/ Post BL	December 2006 result	% Decline[2]
Source Area Monitor Wells				
OB-04	South	71,500	1,9203[3]	97
OB-06	South	5,600	87.8	98
OB-05	North	25,000	133	99
OB-08	North	40,000	73.7[3]	98
BR-04	South	10,000	5.32	99
BR-09	South	13,000	1.39	99
BR-10	South	8,700	28.2	99
BR-11	South	60,000	5.81	99
BR-17	South	6,900	13.6	99
BR-05	North	5,800	1.25	99
BR-15	North	6,590	390	94
BR-08 (deep)	South	1,100	12.0	98
Plume Monitor Wells				
OB-07	South	21.8	12.0	45
OB-09	North	180	115	36
Perimeter Monitor Wells				
TW-04	South	51.1	8.99	82
TW-07	South	74	2.09	97
TW-17	North	1,000	246	75
TW-20	Between	14.8	13.2	10
TW-09	Between	230	34.4	85
BR-02	South	7,000	113	98
BR-06	South	1.6J	1U	37
BR-03	South	1,150	29.7	97
BR-01	North	551	1U	99
BR-07	North	7.4	6.37	14
W-5	North	1,435	263	81

[1] Upgradient wells not shown include W-4, TW-13, MW-00, TW-69, W-2, W-1, TW-01, TW-74, W-6, W-3, and BR-16. Other wells not shown: BR-12, BR-13, and BR-14. Removed from semi-annual sampling program based on historical groundwater results.
[2] Percent decline determined by comparing current value (December 2006) to the highest BL/Post BL value.
[3] Result obtained after Pilot Test initiated in the immediate area.

Notes: U = no detections
BL = baseline
ID = identification
J = estimated
ppb = parts per billion
TCE = trichloroethylene

Prepared by T Williams on 1-17-06
Checked by J Deatherage on 1-24-06

non-detected in December 2005 to 11.0 μg/L and 1.39 in July and December 2006, respectively. TCE concentrations continue to decline in monitor well BR-10 (52.3 μg/L and 28.2 μg/L in July and December 2006, respectively). TCE concentrations in BR-04 increased from 16.4 in December 2005 to 3,940 in July 2006, but in December 2006 concentrations decreased to 5.32 μg/L. TCE concentrations for monitor wells BR-04, BR-09, and BR-10 remain below the highest baseline or highest post baseline concentrations, each with an overall decline of 99 percent (Table 3-4). TCE concentrations in BR-11 increased slightly from 8.75 μg/L in December 2005 to 16.7 μg/L in July 2006. By December 2006 concentrations had decreased to 8.66 μg/L, with an overall 99 percent decrease from the historical high value (Table 3-4).

Bedrock Monitor Wells (North TCE Source Area)

BR-05, BR-12, BR-14, BR-15, and BR-16 are located in the North TCE Source Area. Recent results are presented in Table 3-3. Monitor wells BR-12, BR-14, and BR-16 were not sampled during the June and December 2006 events based on recommendations made in earlier progress reports (MACTEC 2003 and MACTEC 2006a) and thus will not be discussed.

TCE concentrations in monitor well BR-05 increased from 1.45 μg/L in December 2005 to 14.4 μg/L in July 2006, but decreased to 1.25 μg/L in December 2006, resulting in a 99 percent decline from the historical high value (Table 3-4).

TCE concentrations in monitor well BR-15 increased from 760 μg/L in December 2005 to 1,200 μg/L in July 2006, but decreased to 390 μg/L in December 2006. The overall TCE decline from the historical high value is 94 percent (Table 3-4).

3.2 UPGRADIENT MONITOR WELLS

Overburden Monitor Wells

W-2 and W-6 are southwest of the source areas and are considered upgradient. These wells were not sampled during the June and December 2006 events based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006a) and thus will not be discussed.

Monitor wells W-4 and TW-13 are located west of the North TCE Source Area and are also considered upgradient. These wells have been removed from the sampling program based on recommendations

provided in the *Quarterly Progress Report Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).

Bedrock Monitor Wells

BR-06 and BR-07 are upgradient wells, located southwest and west of the South and North TCE Source Areas, respectively. BR-06 is considered a background well that was removed from the sampling program (MACTEC 2006a) but was inadvertently included in the December 2006 sampling event. No TCE was detected in BR-06 during the December 2006 sampling event. In BR-07, TCE concentrations were not detected during the July 2006 event and were at 6.37 μg/L in December 2006. TCE concentrations remain below the highest reported values, with an overall decline of 14 percent.

3.3 PERIMETER DOWNGRADIENT MONITOR WELLS

Overburden Monitor Wells

Monitor wells TW-04, TW-09, TW-17, TW-20, and W-5 are downgradient of the source areas and are located along the perimeter of the site. Recent results for these wells are presented in Table 3-2.

TCE concentrations in monitor well W-5 decreased from 1,100μg/L in December 2005 to 212 μg/L in July 2006 and increased slightly to 263 μg/L in December 2006, resulting in an overall decline of 81 percent (Table 3-4). TCE concentrations in monitor well TW-20 increased slightly to from 6.32 μg/L in December 2005 to 12.0 μg/L in July 2006 and 13.2 μg/L in December 2006, resulting in an overall 10 percent decline from the historical high value (Table 3-4).

TCE concentrations in monitor well TW-09 increased from 45.0μg/L in December 2005 to 56.7 μg/L in July 2006, but decreased to 34.3 μg/L in December 2006, resulting in an overall 85 percent decline from the historical high value (Table 3-4). TCE concentrations in monitor well TW-17 increased from 397 μg/L in December 2005 to 410 μg/L in July 2006, but decreased to 246 μg/L in December 2006, resulting in an overall 75 percent decline from the historical high value (Table 3-4). TCE concentrations in monitor well TW-04 continue to decline (27.9 μg/L and 8.99 μg/L in June and December 2006, respectively), resulting in an overall 82 percent decline from the historical high value (Table 3-4).

Bedrock Monitor Wells

The perimeter downgradient bedrock monitor wells are BR-01, BR-02, BR-03, and BR-13. The sample results for 2005 and 2006 are presented in Table 3-3 and on Figure 3 (Appendix A). BR-13 was not sampled in 2006 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006a) and thus will not be discussed.

TCE concentrations in monitor well BR-02 remained mostly unchanged from December 2005 to December 2006, resulting in an overall decline of 98 percent (Table 3-4). TCE concentrations in monitor well BR-03 increased from 5.57 µg/L in December 2005 to 248 µg/L in July 2006, but decreased to 29.7 µg/L in December 2006, resulting in an overall 97 percent decline from the historical high value (Table 3-4). TCE was not detected in monitor well BR-01 during the July and December 2006 sampling events, resulting in an overall decline of 99 percent (Table 3-4).

Deep Bedrock Monitor Wells

TCE concentrations for the deep bedrock monitor well BR-08 (South TCE Source Area) increased slightly from 11.4 µg/L in December 2005, to 12.5 µg/L in July 2006 and 12.0 µg/L in December 2006, resulting in an overall 98 percent decline from the historical high value. Monitor well BR-14 (North TCE Source Area) was not sampled in 2006 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC, 2006a) and thus will not be discussed.

3.4 POTENTIOMETRIC SURFACE

Associated with each monitoring event, a potentiometric surface map is generated to depict groundwater elevations for the overburden groundwater. ServCADD Version CES was used to plot the potentiometric surface maps in Appendix A, Figures 4, 6, and 8. This program mathematically calculates contours based upon groundwater elevation measurements collected in the field.

The May 2006 map (Figure 4 in Appendix A) was based upon water level information collected prior to shutdown of the System. The July and December 2006 maps (Figures 6 and 8, respectively, in Appendix A) were based upon water level information collected during the course of sampling activities on the subject site. Overburden potentiometric surface mapping for the three water level events agrees with past mapping in both the North TCE Source Area and South TCE Source Area. Overburden potentiometric

mapping for July and December 2006 illustrates static groundwater conditions in the absence of impact from the extraction system.

Attempts have been made to contour the bedrock potentiometric surface, but the bedrock water level data cannot readily be plotted due to the large variation in elevation heads. These variations are due to the fractured bedrock system. The head data appears to be bi-modally distributed possibly reflecting differing elevations of water bearing fractures. The historical absence of contaminants at the southwest corner of the site and their presence in wells along the north and east site perimeter also support the interpretation that bedrock flow beneath the two source areas is generally towards the north. Bedrock water level elevations are presented on Figures 5, 7, and 9 in Appendix A.

3.5 NATURAL BIODEGRADATION

During the December 2006 sampling event, natural biodegradation parameters were collected from nine monitor wells including background well W-2 and perimeter wells TW-04, TW-07, TW-09, TW-17, TW-20, and W-5. Samples were also collected from OB-07 and OB-09, which are located within the TCE source areas. Table 3-5 shows a comparison between the natural biodegradation parameters in nine monitor wells and the values given in the EPA screening protocol as favorable for natural biodegradation of chlorinated solvents (EPA, 1998). Shaded values in the table show values favorable for natural biodegradation. W-2 data is provided for background values.

Table 3-5 shows that TCE daughter products were detected in four out of the eight perimeter and source area monitor wells. Several other parameters measured in each of these monitor wells containing TCE daughter products were indicative that natural biodegradation is occurring. While daughter products were not detected in TW-04, TW-07, TW-20 and OB-07, these wells have several other parameter readings favorable for natural biodegradation. Concentrations of daughter products may be present in the vicinity of these wells at concentrations less than the sample quantitation limits (SQLs), or daughter products may have completely degraded to non-toxic end products, such as carbon dioxide, water, and chloride.

In summary, values for various natural biodegradation parameters and the presence of TCE daughter products indicate that natural biodegradation is occurring.

Table 3-5
Summary of Natural Biodegradation Results, December 2006 Sampling Event [1]

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Parameter	Value Favorable for Natural Biodegradation	TW-04	TW-07	TW-09	TW-17	TW-20	W-5	OB-07	OB-09	W-2 (background)
DO (mg/L)	<0.5	4.29	0.21	1.08	4.10	5.19	0.38	0.0	2.17	3.54
Nitrate (mg/L)	<1	<0.100	4.35	1.87	<0.100	<0.100	<0.100	1.43	1.84	NA
Iron II (mg/L)	>1	<0.100	<0.100	<0.100	<0.100	<0.100	1.03	<0.100	<0.100	NA
Sulfate (mg/L)	<20	204	326	37.5	90	51.6	69.7	555	170	NA
Sulfide (mg/L)	>1	<1.00	<1.00	<1.00	<0.100	<0.100	<1.00	<1.00	<1.00	NA
Methane (mg/L)	>0.5	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	0.060	<0.026	NA
ORP (mV)	<50	9	55	45	81	39	-165	65	-336	22
PH	5<pH<9	7.68	6.76	6.96	7.05	7.20	7.24	7.87	8.87	8.42
TOC (mg/L)	>20	<1.00	2.62	1.39	1.67	<1.00	<1.00	2.78	<1.00	NA
Temperature (°C)	>20	11.74	11.90	13.60	11.30	11.30	11.50	12.95	13.50	13.08
CO_2 (mg/L)	Note 1	33.2	193	97.6	80.9	64.2	92.4	11.9	91.5	8.52
Alkalinity (mg/L)	Note 1	290	418	<10	371	377	382	176	338	163
Chloride (mg/L)	Note 1	3.19	13.7	7.02	12.9	10.9	14.4	25.7	7.30	9.34
BTEX (mg/L)	>0.1	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Ethene (mg/L)	>0.01	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	0.026	NA
Ethane (mg/L)	>0.01	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	NA
Daughter Products Detected	Any detection of daughter products	**No**	**No**	**Yes**	**Yes**	**No**	**Yes**	**No**	**Yes**	**NA**

See notes at end of table.

Table 3-5 (Continued)
Summary of Natural Biodegradation Results, December 2005 Sampling Event[1]

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Reference: EPA. 1998. *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* EPA/600/R-98/128 (September).

[1] W-2 is the background well; other wells are perimeter wells.

Note 1: A value greater than two times the background value is considered favorable for natural biodegradation. The W-2 value is the background value.

Note: Shading indicates parameters supportive of natural biodegradation.
°C = degrees Celsius
BTEX= benzene, toluene, ethylbenzene, and xylene
CO_2 = carbon dioxide
DCE = dichloroethylene
DO = dissolved oxygen
EPA = Environmental Protection Agency (United States)
mg/L = milligrams per liter
mV = millivolt
NA = not applicable
ORP = oxygen reduction potential
TCE = trichloroethylene
TOC = total organic compound

Prepared by T. Williams on 1-23-07
Checked by J. Deatherage on 1-25-07

3.6 TREATMENT SYSTEM PERFORMANCE

The System was fully operational on January 6, 2001. Since then, it has operated 94.9 percent of available hours through December 2006. The available hours do not include scheduled shutdown periods. There was one scheduled shutdown period in 2006 as part of the intermittent operation (pulsed pumping) of the system. The System was shut down on May 16, 2006, to allow for groundwater stabilization prior to the July 2006 sampling event, and it remained shutdown for the remainder of 2006 off as part of an accelerated bioremediation pilot test, which was initiated in September 2006. Table 3-6 provides a summary of System operational data. The System extracts soil vapor and groundwater from 23 DPVE wells: EW-S-1 through EW-S-16 and EW-N-1 through EW-N-6, and groundwater from two bedrock extraction wells: BREW-S-1 and BREW-N-1 (see Figure 1 in Appendix A). The vapor extracted from the dual-phase operation is discharged through the effluent piping manifold of the three vacuum pumps. The groundwater collected from both the DPVE wells and from the bedrock extraction wells is combined in an equalization tank prior to treatment via the tray air stripper. The System has extracted approximately 56.4 million gallons of groundwater through December 2006.

During 2006, approximately 3.8 million gallons of groundwater was extracted with an average flow rate of 23.4 gallons per minute (gpm). A total of 73 pounds of VOCs were removed from the subsurface (see Figure 11 in Appendix A) yielding an approximate ratio of 1 pound of VOCs removed for every 51,340 gallons of water removed. A total of 3,458 pounds of contaminants have been removed since startup of the System. The majority of VOCs is removed from the overburden through the vapor phase and stripped from groundwater during the vacuum extraction process. Table 3-7 summarizes groundwater sample results from the equalization tank and vapor sampling results from the effluent of three vacuum pumps and air stripper. As indicated by the results, the total annual mass of VOCs extracted (73 pounds) by the treatment system during 2006 was less than the total mass extracted during 2005 (143 pounds). This is attributed to the modified pulsed pumping operations, which resulted in less operating time in 2006 vs. 2005 (leading to lower mass extracted). The mass removal rate remained unchanged at 0.01 pounds per hour (lbs/hr). Overall, the mass of VOCs extracted continues to demonstrate a downward trend, even under intermittent operation of the System. It is evident by review of Figure 13 in Appendix A that the system mass removal rate has approached an asymptotic level. A decision on whether to re-start the System in 2007 will be made after completion of six months of pilot test monitoring in April 2007.

Table 3-6
System Operational Summary,
January 2001 – December 2006

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Parameter	2001			
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
System Up-time (%)	89	99.9	99	99.9
Average System Vacuum[1]				
South Source Area (in. Hg)	19	16	16	17
North Source Area (in. Hg)	15	18	16	16
Average System Groundwater Flowrates[2]				
Total System (gpm)	26	26	24	25
Dual Phase Extraction (gpm)	8	7	6	7
Bedrock Extraction (gpm)	18	18	18	18
Average System Vapor Flowrates[1]				
Dual Phase Extraction South Source Area (CFM)	161	176	180	167
Dual Phase Extraction North Source Area (CFM)	117	113	175	127
System Mass Removal Rate (lbs./hr)[3]	0.17	0.05	0.04	0.031
System Mass Removed (lbs.)[3]	406	443	289	197
Cumulative Mass Removed (lbs.)[3]	906	1,349	1,637	1,834
Air Stripper Removal Efficiency (%)[3]	99.6	99.6	99.3	99.4
Period Groundwater Recovered (gallons)[2]	3,833,248	3,345,131	3,275,792	3,256,961
Cumulative Groundwater Recovered (gallons)[2]	3,833,248	7,178,379	10,454,171	13,711,132
Gallons to Remove 1 Pound of VOC[3]	9,441	7,551	11,335	16,533

See notes at end of table.

Table 3-6 (Continued)
System Operational Summary,
January 2001 – December 2006

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Parameter	2002			
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
System Up-time (%)	99.3	99.3	89	94
Average System Vacuum[1]				
South Source Area (in. Hg)	18	21	17	21
North Source Area (in. Hg)	17	22.5	14[4]	17
Average System Groundwater Flowrates[2]				
Total System (gpm)	24	28	23	22
Dual Phase Extraction (gpm)	7	11	7	8
Bedrock Extraction (gpm)	17	17	16	14
Average System Vapor Flowrates[1]				
Dual Phase Extraction South Source Area (CFM)	167	128	165	110
Dual Phase Extraction North Source Area (CFM)	113	100	75[4]	112
System Mass Removal Rate (lbs./hr)[3]	0.03	0.06	0.02	0.03
System Mass Removed (lbs.)[3]	145	453	150	112
Cumulative Mass Removed (lbs.)[3]	1,979	2,432	2,582	2,694
Air Stripper Removal Efficiency (%)[3]	99.7	99.4	99.9	99.5
Period Groundwater Recovered (gallons)[2]	3,036,973	5,080,273	2,795,716	2,765,779
Cumulative Groundwater Recovered (gallons)[2]	16,748,105	21,828,378	24,624,094	27,389,873
Gallons to Remove 1 Pound of VOC[3]	20,945	11,215	18,638	24,695

See notes at end of table.

Table 3-6 (Continued)
System Operational Summary,
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Parameter	2003			
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
System Up-time (%)	95.8	99.9	70	84.5
Average System Vacuum[1]				
South Source Area (in. Hg)	22	21.5	21.5	20
North Source Area (in. Hg)	20	21	19	19
Average System Groundwater Flowrates[2]				
Total System (gpm)	23	25	24	26
Dual Phase Extraction (gpm)	8	9	8	9
Bedrock Extraction (gpm)	15	16	16	17
Average System Vapor Flowrates[1]				
Dual Phase Extraction South Source Area (CFM)	114	103	103	104
Dual Phase Extraction North Source Area (CFM)	102	97	113	103
System Mass Removal Rate (lbs./hr)[3]	0.02	0.02	0.01	0.01
System Mass Removed (lbs.)[3]	95	129	82	71
Cumulative Mass Removed (lbs.)[3]	2,789	2,918	3,000	3,071
Air Stripper Removal Efficiency (%)[3]	99.8	99.9	99.8	99.8
Period Groundwater Recovered (gallons)[2]	2,960,081	3,331,381	2,246,547	2,963,219
Cumulative Groundwater Recovered (gallons)[2]	30,349,954	33,681,335	35,927,882	38,891,101
Gallons to Remove 1 Pound of VOC[3]	31,159	25,824	27,397	41,735

See notes at end of table.

Table 3-6 (Continued)
System Operational Summary,
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Parameter	2004		2005[5]	2006[5]
	1st Semi-Annual[5]	2nd Semi-Annual[5]	Annual	Annual
System Up-time (%)	100	100	100	100
Average System Vacuum[1]				
South Source Area (in. Hg)	21	19.5	19.5	18.5
North Source Area (in. Hg)	20	19	19.5	18.5
Average System Groundwater Flowrates[2]				
Total System (gpm)	26[5]	23[5]	24[5]	23[5]
Dual Phase Extraction (gpm)	10	7	8	8
Bedrock Extraction (gpm)	16	16	16	16
Average System Vapor Flowrates[1]				
Dual Phase Extraction South Source Area (CFM)	110	120	130	152
Dual Phase Extraction North Source Area (CFM)	100	100	104	104
System Mass Removal Rate (lbs./hr)[3]	0.01	0.01	0.01	0.01
System Mass Removed (lbs.)[3]	107	66	143	73
Cumulative Mass Removed (lbs.)[3]	3,178	3,244	3,387	3,458
Air Stripper Removal Efficiency (%)[3]	99.8	99.9	99.8	99.8
Period Groundwater Recovered (gallons)[2]	4,935,795	2,988,256	5,873,242	3,747,795
Cumulative Groundwater Recovered (gallons)[2]	43,826,896	46,815,152	52,688,394	56,436,189
Gallons to Remove 1 Pound of VOC[3]	46,128	45,277	41,071	51,340

[1] Instantaneous.
[2] Continuous.
[3] Calculated.
[4] Vacuum pump down for repairs, causing a decrease in values.
[5] All parameter rate calculations based on available hours.

Notes: in. Hg = inches of mercury; gpm = gallons per minute; lbs./hr = pounds per hour; CFM = cubic feet per minute; lbs. = pounds; VOC = volatile organic compound

Prepared by J. Deatherage on 1-11-06

Checked by R. Ryan on 2-12-07

Table 3-7
System Analytical Data,
January 2001 – December 2006

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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Vacuum Pump #1	1/6/01	<25	<25	914.00	<25
(South TCE Source Area)	2/7/01	2.70	<1.0	371.00	<1.0
	3/6/01	<5.0	<5.0	129.00	<5.0
	4/17/01	1.60	<1.0	215.00	<1.0
	5/16/01	1.20	<1.0	120.00	<1.0
	6/7/01	1.20	<1.0	110.00	<1.0
	7/13/01	<1.0	<1.0	80.00	<1.0
	8/7/01	<1.0	<1.0	90.00	<1.0
	9/12/01	1.10	<1.0	97.00	<1.0
	10/11/01	<1.0	<1.0	76.00	<1.0
	11/9/01	1.4	<1.0	160.00	<1.0
	12/14/01	<0.5	<0.5	10.90	<0.5
	1/8/02	<0.5	<0.5	9.25	<0.5
	2/18/02	2.10	<1.0	170.00	<1.0
	3/8/02	1.40	<1.0	90.00	<1.0
	4/5/02	4.20	<1.0	360.00	<1.0
	5/13/02	2.40	<1.0	260.00	<1.0
	6/10/02	1.60	<1.0	120.00	<1.0
	7/11/02	1.10	<1.0	79.00	<1.0
	8/14/02	<1.0	<1.0	37.00	<1.0
	9/12/02	<1.0	<1.0	24.00	<1.0
	10/9/02	<1.0	<1.0	56.00	<1.0
	11/15/02	2.10	<1.0	120.00	<1.0
	12/23/02	2.50	<1.0	190.00	<1.0
	1/16/03	<1.0	<1.0	72.00	<1.0
	2/18/03	<1.0	<1.0	28.00	<1.0
	3/14/03	<1.0	<1.0	74.00	<1.0
	6/20/03	<1.0	<1.0	41.00	<1.0
	7/2003	NS	NS	19.00	NS
	8/29/03	<1.0	<1.0	19.00	<1.0
	9/29/03	<1.0	<1.0	38.00	<1.0
	10/16/03	<1.0	<1.0	35.00	<1.0
	11/13/03	<1.0	<1.0	31.00	<1.0
	12/23/03		Vacuum pump down		
	1/27/04	<1.0	<1.0	16.00	<1.0
	2/20/04	<1.0	<1.0	21.00	<1.0
	3/11/04	<1.0	<1.0	46.00	<1.0
	4/26/04	<1.0	<1.0	48.00	<1.0
	5/10/04	<1.0	<1.0	7.80	<1.0
	6/04 - 7/04		Shutdown – intermittent operation		
	8/23/04	<1.0	<1.0	28.00	<1.0
	9/15/04	<1.0	<1.0	22.00	<1.0
	10/25/04	<1.0	<1.0	15.00	<1.0
	11/04 – 1/05		Shutdown – intermittent operation		

See notes at end of table.

Table 3-7 (Continued)
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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Vacuum Pump #1	2/8/05	<1.0	<1.0	33.00	<1.0
(South TCE Source Area)	3/30/05	<1.0	<1.0	18.00	<1.0
(Continued)	4/26/05	<1.0	<1.0	29.00	<1.0
	5/05 - 8/05		Shutdown – intermittent operation		
	9/16/05	<1.0	<1.0	18.00	<1.0
	10/6/05	<1.0	<1.0	15.00	<1.0
	11/05 - 1/06		Shutdown – intermittent operation		
	2/16/06	<1.0	<1.0	21.00	<1.0
	3/21/06	<1.0	<1.0	11.00	<1.0
	4/26/06	<1.0	<1.0	17.00	<1.0
	5/16/06	<1.0	<1.0	15.00	<1.0
	6/06 - 12/06		Shutdown – intermittent operation		
Vacuum Pump #2	1/6/01	<25	<25	963.00	<25
(South TCE Source Area)	2/7/01	<12.5	<12.5	425.00	<12.5
	3/6/01	<5.0	<5.0	140.00	<5.0
	4/17/01	2.30	<1.0	247.00	<1.0
	5/16/01	1.20	<1.0	110.00	<1.0
	6/7/01	NS	NS	NS	NS
	7/13/01	<1.0	<1.0	78.00	<1.0
	8/7/01	<1.0	<1.0	89.00	<1.0
	9/12/01	1.2	<1.0	110.00	<1.0
	10/11/01	<1.0	<1.0	76.00	<1.0
	11/9/01	1.30	<1.0	170.00	<1.0
	12/14/01	<0.5	<0.5	7.75	<0.5
	1/8/02	<0.5	<0.5	8.61	<0.5
	2/18/02	2.10	<1.0	190.00	<1.0
	3/8/02	1.40	<1.0	86.00	<1.0
	4/5/02	3.90	<1.0	380.00	<1.0
	5/13/02	2.50	<1.0	250.00	<1.0
	6/10/02	1.40	<1.0	120.00	<1.0
	7/11/02	1.00	<1.0	86.00	<1.0
	8/14/02	<1.0	<1.0	35.00	<1.0
	9/12/02	<1.0	<1.0	24.00	<1.0
	10/9/02	<1.0	<1.0	33.00	<1.0
	11/15/02	<1.0	<1.0	28.00	<1.0
	12/23/02	2.50	<1.0	200.00	<1.0
	1/16/03	<1.0	<1.0	70.00	<1.0
	2/18/03	<1.0	<1.0	22.00	<1.0
	3/14/03	<1.0	<1.0	73.00	<1.0
	6/20/03	<1.0	<1.0	46.00	<1.0
	7/2003	NS	NS	20.00	NS

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Vacuum Pump #2	8/29/03	<1.0	<1.0	20.00	<1.0
(South TCE Source Area)	9/29/03	1.40	<1.0	79.00	<1.0
(Continued)	10/16/03	<1.0	<1.0	37.00	<1.0
	11/13/03	<1.0	<1.0	45.00	<1.0
	12/23/03	<1.0	<1.0	47.00	<1.0
	1/27/04	<1.0	<1.0	15.00	<1.0
	2/20/04	<1.0	<1.0	17.00	<1.0
	3/11/04	<1.0	<1.0	30.00	<1.0
	4/26/04	<1.0	<1.0	33.00	<1.0
	5/10/04	<1.0	<1.0	5.80	<1.0
	6/04 - 7/04		Shutdown – intermittent operation		
	8/23/04	<1.0	<1.0	30.00	<1.0
	9/15/04	<1.0	<1.0	23.00	<1.0
	10/25/04	<1.0	<1.0	16.00	<1.0
	11/04 - 1/05		Shutdown – intermittent operation		
	2/8/05	<1.0	<1.0	26.00	<1.0
	3/30/05	<1.0	<1.0	22.00	<1.0
	4/26/05	<1.0	<1.0	38.00	<1.0
	5/05 - 8/05		Shutdown – intermittent operation		
	9/16/05	<1.0	<1.0	20.00	<1.0
	10/6/05	<1.0	<1.0	19.00	<1.0
	11/05 - 1/06		Shutdown – intermittent operation		
	2/16/06	<1.0	<1.0	21.00	<1.0
	3/21/06	<1.0	<1.0	14.00	<1.0
	4/26/06	<1.0	<1.0	20.00	<1.0
	5/16/06	<1.0	<1.0	16.00	<1.0
	6/06 - 12/06		Shutdown – intermittent operation		
Vacuum Pump #3	1/6/01	<1.0	<1.0	41.00	<1.0
(North TCE Source Area)	2/7/01	1.40	<1.0	38.00	<1.0
	3/6/01	<1.0	<1.0	35.00	<1.0
	4/17/01	1.10	<1.0	42.00	<1.0
	5/16/01	2.20	<1.0	95.00	<1.0
	6/7/01	<1.0	<1.0	26.00	<1.0
	7/13/01	<1.0	<1.0	31.00	<1.0
	8/7/01	<1.0	<1.0	28.00	<1.0
	9/12/01	<1.0	<1.0	21.00	<1.0
	10/11/01	<1.0	<1.0	28.00	<1.0

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Vacuum Pump #3	11/9/01	<1.0	<1.0	22.00	<1.0
(North TCE Source Area)	12/14/01	<0.5	<0.5	1.73	<0.5
(Continued)	1/8/02	<0.5	<0.5	2.81	<0.5
	2/18/02	1.50	<1.0	35.00	<1.0
	3/8/02	<1.0	<1.0	52.00	<1.0
	4/5/02	1.80	<1.0	42.00	<1.0
	5/13/02	1.80	<1.0	48.00	<1.0
	6/10/02	1.50	<1.0	38.00	<1.0
	7/11/02	NS	NS	NS	NS
	8/14/02	NS	NS	NS	NS
	9/12/02	<1.0	<1.0	9.60	<1.0
	10/9/02	<1.0	<1.0	14.00	<1.0
	11/15/02	<1.0	<1.0	11.00	<1.0
	12/23/02	1.60	<1.0	29.00	<1.0
	1/16/03	<1.0	<1.0	23.00	<1.0
	2/18/03	<1.0	<1.0	5.20	<1.0
	3/14/03	<1.0	<1.0	22.00	<1.0
	6/20/03	<1.0	<1.0	13.00	<1.0
	7/2003	NS	NS	11.00	NS
	8/29/03	<1.0	<1.0	11.00	<1.0
	9/29/03	<1.0	<1.0	3.40	<1.0
	10/16/03	<1.0	<1.0	15.00	<1.0
	11/13/03	<1.0	<1.0	9.20	<1.0
	12/23/03	<1.0	<1.0	10.00	<1.0
	1/27/04	<1.0	<1.0	5.70	<1.0
	2/20/04	<1.0	<1.0	7.40	<1.0
	3/11/04	<1.0	<1.0	13.00	<1.0
	4/26/04	<1.0	<1.0	11.00	<1.0
	5/10/04	<1.0	<1.0	2.00	<1.0
	6/04 - 7/04		Shutdown – intermittent operation		
	8/23/04	<1.0	<1.0	13.00	<1.0
	9/15/04	<1.0	<1.0	16.00	<1.0
	10/25/04	<1.0	<1.0	6.70	<1.0
	11/04 - 1/05		Shutdown – intermittent operation		
	2/8/05	1.30	<1.0	19.00	<1.0
	3/30/05	<1.0	<1.0	12.00	<1.0
	4/26/05	<1.0	<1.0	9.50	<1.0
	5/05 - 8/05		Shutdown – intermittent operation		

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Vacuum Pump #3	9/16/05	<1.0	<1.0	11.00	<1.0
(North TCE Source Area)	10/6/05	<1.0	<1.0	9.50	<1.0
(Continued)	11/05 - 1/06		Shutdown – intermittent operation		
	2/16/06	<1.0	<1.0	5.60	<1.0
	3/21/06	<1.0	<1.0	5.40	<1.0
	4/26/06	<1.0	<1.0	4.90	<1.0
	5/16/06	<1.0	<1.0	9.40	<1.0
	6/06 - 12/06		Shutdown – intermittent operation		
Air Stripper Effluent	1/6/01	1.20	<1.0	32.00	<1.0
	2/7/01	1.20	<1.0	17.00	<1.0
	3/6/01	2.10	<1.0	25.00	<1.0
	4/17/01	4.00	<1.0	40.00	<1.0
	5/16/01	4.90	<1.0	26.00	<1.0
	6/7/01	4.50	<1.0	17.00	<1.0
	7/13/01	4.90	<1.0	17.00	<1.0
	8/7/01	3.90	<1.0	14.00	<1.0
	9/12/01	3.20	<1.0	11.00	<1.0
	10/11/01	5.00	<1.0	18.00	<1.0
	11/9/01	3.90	<1.0	15.00	<1.0
	12/14/01	<0.5	<0.5	0.74	<0.5
	1/8/02	0.76	<0.5	2.60	<0.5
	2/18/02	5.3	<1.0	30.00	<1.0
	3/8/02	3.7	<1.0	14.00	<1.0
	4/5/02	4.6	<1.0	24	<1.0
	5/13/02	3.5	<1.0	20	<1.0
	6/10/02	2.5	<1.0	14	<1.0
	7/11/02	2.1	<1.0	12	<1.0
	8/14/02	3.3	<1.0	11	<1.0
	9/12/02	1.9	<1.0	9.6	<1.0
	10/9/02	1.9	<1.0	12	<1.0
	11/15/02	2.1	<1.0	12	<1.0
	12/23/02	3.0	<1.0	18	<1.0
	1/16/03	1.3	<1.0	9.7	<1.0
	2/18/03	1.5	<1.0	8.1	<1.0
	3/14/03	1.5	<1.0	14	<1.0
	6/20/03	1.5	<1.0	6.4	<1.0
	7/2003	NS	NS	6.4	NS
	8/29/03	<1.0	<1.0	11	<1.0
	9/29/03	3.70	<1.0	17	<1.0
	10/16/03	3.10	<1.0	14	<1.0
	11/13/03	2.90	<1.0	16	<1.0
	12/23/03	4.40	<1.0	27	<1.0
	1/27/04	2.40	<1.0	11	<1.0

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
January 2001 – December 2006

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Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Vapor Analytical Results[1] (mg/m^3)			
Air Stripper Effluent	2/20/04	3.80	<1.0	15	<1.0
(Continued)	3/11/04	2.60	<1.0	13	<1.0
	4/26/04	2.30	<1.0	11	<1.0
	5/10/04	<1.0	<1.0	2.1	<1.0
	6/04 - 7/04		Shutdown – intermittent operation		
	8/23/04	2.40	<1.0	12	<1.0
	9/15/04	2.10	<1.0	8.6	<1.0
	10/25/04	2.80	<1.0	12	<1.0
	11/04 - 1/05		Shutdown – intermittent operation		
	2/8/05	<1.0	<1.0	3.7	<1.0
	3/30/05	2.10	<1.0	9.4	<1.0
	4/26/05	2.20	<1.0	10	<1.0
	5/05 - 8/05		Shutdown – intermittent operation		
	9/16/05	4.60	<1.0	16	<1.0
	10/6/05	7.40	<1.0	23	<1.0
	11/05 - 1/06		Shutdown – intermittent operation		
	2/16/06	1.90	<1.0	11.0	<1.0
	3/21/06	2.10	<1.0	7.7	<1.0
	4/26/06	1.40	<1.0	7.8	<1.0
	5/16/06	1.10	<1.0	3.5	<1.0
	6/06 - 12/06		Shutdown – intermittent operation		
		Groundwater Analytical Results[2] (µg/L)			
Air Stripper Influent	1/6/01	210	<130.00	5,000.00	<25.00
	2/7/01	300.00	12.00	4,100.00	1.10
	3/6/01	340.00	<130.00	4,000.00	<25.00
	4/17/01	390.00	12.00	3,500.00	<1.00
	5/16/01	660.00	16.00	3,200.00	<1.0
	6/7/01	750.00	15.00	3,000.00	1.50
	7/13/01	790.00	16.00	2,400.00	1.40
	8/7/01	1,100.00	16.00	3,200.00	<1.0
	9/12/01	660.00	10.00	2,000.00	3.00
	10/11/01	570.00	14.00	2,000.00	1.90
	11/9/01	640.00	12.00	2,300.00	2.20
	12/14/01	696.00	18.40	1,580.00	<2.0
	1/8/02	577.00	8.90	2,040.00	2.30
	2/18/02	427.00	<20	1,910.00	<20
	3/8/02	521.00	11.00	2,150.00	3.20
	6/10/02	318.00	6.73	1,650.00	1.60

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
January 2001 – December 2006

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample Location	Date	cis-1,2-DCE	trans-1,2-DCE	TCE	Vinyl Chloride
		Groundwater Analytical Results[2] (µg/L)			
Air Stripper Influent	4/5/02	432.00	6.70	2,060.00	2.20
(Continued)	5/13/02	430.00	9.44	1,600.00	3.73
	7/11/02	316.00	7.61	1,810.00	2.89
	8/14/02	589.00	14.20	1,820.00	<0.5
	9/12/02	472.00	8.19	1,490.00	4.19
	10/9/02	298.00	6.74	1,820.00	2.44
	11/15/02	73.00	6.20	437.00	<1.0
	12/23/02	374.00	7.80	2,180.00	<1.0
	1/16/03	300.00	8.60	2,080.00	2.70
	2/18/03	445.00	10.70	2,340.00	4.70
	3/14/03	236.00	6.70	1,980.00	4.00
	6/20/03	390.00	11.10	1,810.00	4.90
	9/29/03	310.00	7.40	1,750.00	6.20
	10/16/03	415.00	13.70	2,250.00	6.40
	11/13/03	470.00	13.70	2,220.00	6.20
	12/23/03	400.00	10.80	3,100.00	5.30
	1/27/04	315.00	15.70	1,470.00	5.80
	2/20/04	590.00	12.30	1,800.00	7.00
	3/11/04	320.00	11.40	1,440.00	5.90
	4/26/04	375.00	14.60	1,880.00	4.30
	5/10/04	329.00	11.20	1,990.00	6.30
	6/04 - 7/04		Shutdown – intermittent operation		
	8/23/04	466.00	12.80	1,830.00	4.30
	9/15/04	495.00	9.00	2,280.00	4.50
	10/25/04	447.00	10.80	1,630.00	6.60
	11/04 - 1/05		Shutdown – intermittent operation		
	2/8/05	222.00	9.90	1,780.00	2.40
	3/30/05	398.00	11.80	2,080.00	3.50
	4/26/05	332.00	9.00	1,150.00	1.90
	5/05 - 8/05		Shutdown – intermittent operation		
	9/16/05	516.00	14.90	1,440.00	3.30
	10/6/05	514.00	14.40	1,460.00	4.68
	11/05 - 1/06		Shutdown – intermittent operation		
	2/16/06	304.00	9.59	1,710.00	2.03
	3/21/06	600.00	17.80	1,870.00	2.34
	4/26/06	279.00	13.90	1,720.00	2.81
	5/16/06	607.00	<0.5	1,510.00	3.48

See notes at end of table.

Table 3-7 (Continued)
System Analytical Data,
January 2001 – December 2006

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

[1] Vapor Analysis is by EPA Method TO-14 Modified.
[2] Groundwater Analysis is by EPA Method 8260.

Notes: µg/L = micrograms per liter
DCE = dichloroethylene
EPA = Environmental Protection Agency (United States)
mg/m^3 = milligrams per cubic meter
NS = Vacuum Pump #2 was not sampled because it was shut down due to mechanical problems.
TCE = trichloroethylene

Prepared by J. Deatherage on 2-5-07

Checked by T. Williams on 2-8-07

3.7 SYSTEM EVALUATION SINCE STARTUP

It is apparent by an evaluation of TCE concentrations detected in the on-site monitor wells that the System has been successful in removing contaminants from the subsurface. As shown by the Concentration Trend Graphs in Appendix G, the TCE concentrations show an overall decline in all wells.

As discussed above, the System has operated successfully since January 2001 maintaining a 94.9 percent operational rate during the five-year period. Since that time, approximately 56.4 million gallons of groundwater have been extracted and treated. A total of 3,458 pounds of TCE have been removed from both the groundwater and subsurface soils via groundwater and soil vapor extraction. The performance of the System has been measured by tracking the change in TCE concentrations within on-site monitor wells, which was discussed in detail in Sections 3.1 through 3.4; as well as within the System groundwater influent and the System vapor effluent.

Contaminant mass removal is calculated from vapor results collected from four effluent locations. The first two locations include the vapor effluent ports for Vacuum Pumps #1 and #2, which measure the amount of soil vapor as well as contaminants stripped from groundwater during the turbulent extraction process associated with the South TCE Source Area. The third location includes the vapor effluent port for Vacuum Pump #3, which measures the amount of soil vapor as well as contaminants stripped from groundwater during the turbulent extraction process associated with the North TCE Source Area. The fourth and final location includes the vapor effluent port from the low profile air stripper. The air stripper removes contaminants from groundwater extracted by the three vacuum pumps and by the two bedrock extraction wells.

The cumulative mass of contaminants removed slightly increased as shown on Figure 11 (Appendix A), but has leveled off over time. Vapor concentrations have mostly stabilized over the past year as shown on Figure 12 (Appendix A), which depicts the vapor concentrations from the three vacuum pumps over the five-year operational period. Overall, the vapor concentrations have declined by 98 percent for the South TCE Source Area and 90 percent in the North TCE Source Area. The spikes observed are likely associated with the creation of preferential pathways allowing contaminant vapors to mobilize to the extraction wells, as well as rebound effects associated with recent intermittent operations.

The groundwater TCE influent concentrations have been tracked over the five-year System operation period and presented on Figure 15 (Appendix A). Concentrations decreased slightly during the last year and have decreased overall by 71 percent.

Coupling the System performance data with the groundwater monitoring results discussed in previous sections, it is evident that the System has been successful in removing a significant mass of contaminants from the site subsurface. Furthermore, despite five System shutdown periods since mid-2004, overall contaminant levels in site monitor wells have not demonstrated significant rebound effects. The overall TCE concentrations have declined significantly in both the on-site monitor wells and system influent.

The following overall conclusion has been reached with respect to remedial system performance:

As is typical of VOC extraction systems, the rate of VOC mass removal (see Figures 11, 12, and 13 in Appendix A) was greatest when the System was first started up, with only 9,441 gallons of water having to be pumped to remove 1 pound of VOC during the first quarter of operation, as shown in Table 3-6. In contrast, during 2006, 51,340 gallons of water had to be pumped to extract 1 pound of VOC. Similarly, looking at the TCE removal through both vapor and groundwater, the system mass removal rate was 0.17 pounds VOC per hour during the first quarter of 2001, but has remained at 0.01 lbs/hr since mid-2003. Clearly the System has reached asymptotic removal rates for continuous operations.

4.0 ANALYTICAL PROGRAM

Overall data quality is assessed by grouping particular data evaluation findings and reviewing them in terms of precision, accuracy, representativeness, completeness, and comparability (PARCC) criteria. Data generated during this monitoring period were evaluated for PARCC criteria after receipt of all analytical data.

4.1 PRECISION

Precision is a quantitative evaluation of the repeatability of a measurement. Precision of analytical measurements is determined by calculating the relative percent difference (RPD) between the two numerical values. For precision, the matrix spike (MS) is performed in duplicate, and the values from both analyses are evaluated. Comparison of results from duplicate field samples may also be indicative of overall precision of a data set. However, field duplicates may be influenced by sampling precision and are not as controlled as laboratory duplicates.

For quality control purposes, a MS and matrix spike duplicate (MSD) was taken for each set of 20 samples with a net result of 2 MS/MSD analyses for both the July and December 2006 sampling events. The evaluation of MS/MSD criteria was used to qualify the data. The evaluations of MS/MSD analyses are presented in the following tables.

OB-07 – July 2006

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0600	120	0.0572	4.8	74-133	19
Chlorobenzene	0.0567	113	0.0508	3.4	79-124	17
1,1-Dichloroethylene	0.0516	115	0.0564	2.1	67-139	20
Toluene	0.0551	110	0.0535	3.0	73-133	20
Trichloroethylene	0.0634	127	0.0601	5.3	69-140	21
Tetrachloroethylene	0.0551	110	0.0520	1.0	71-132	20

OB-07 – December 2006

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0563	113	0.0560	12.5	74-130	15
Chlorobenzene	0.0558	112	0.0551	1.3	78-131	15
1,1-Dichloroethylene	0.0545	109	0.0518	5.1	66-140	34
Toluene	0.0523	105	0.0506	3.3	70-137	15
Trichloroethylene	0.0704	117	0.0691	1.9	70-137	17
Tetrachloroethylene	0.0514	103	0.0490	4.8	64-143	20

BR-05 – July 2006

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0545	109	0.0596	8.9	74-133	19
Chlorobenzene	0.0564	113	0.0564	0	79-124	17
1,1-Dichloroethylene	0.0547	109	0.0542	0.9	67-139	20
Toluene	0.0598	120	0.0589	1.5	73-133	20
Trichloroethylene	0.0526	103	0.0528	0.4	69-140	23
Tetrachloroethylene	0.0570	112	0.0576	1.0	71-132	20

BR-05 – December 2006

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0557	111	0.0575	3.2	74-130	15
Chlorobenzene	0.0547	109	0.0569	3.9	78-131	15
1,1-Dichloroethylene	0.0610	122	0.0646	5.7	66-140	34
Toluene	0.0525	105	0.0549	4.5	70-137	15
Trichloroethylene	0.0593	116	0.0608	2.5	70-137	17
Tetrachloroethylene	0.0539	108	0.0566	4.9	64-143	20

These evaluations demonstrate that MS/MSD analyses are within acceptable limits.

Field duplicate sampling followed the same sampling outline as MS/MSD analysis. One duplicate sample was collected for each set of 20 field samples, resulting in 2 duplicate samples for both the July and December 2006 sampling events. Field duplicate precision is presented in the following table.

July 2006

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-07	cis-1,2-Dichloroethylene	1	4.54		4.69		3.2
	trans-1,2-Dichloroethylene	1	3.79		3.84		1.3
	Vinyl chloride	1	11.2		11.0		1.8
W-5	cis-1,2-Dichloroethylene	1	104		99		4.9
	trans-1,2-Dichloroethylene	1	2.34		2.30		1.7
	Trichloroethene	1	212		219		3.2
	Vinyl Chloride	1	3.63		3.81		4.8

December 2006

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-07	cis-1,2-Dichloroethylene	1	38		36.6		3.8
	trans-1,2-Dichloroethylene	1	23.6		21.1		11.2
	Vinyl chloride	1	98.1		99.3		1.2
	Trichloroethene	1	6.37		7.60		17.6
BR-11	cis-1,2-Dichloroethylene	1	185		200	E	7.8
	trans-1,2-Dichloroethylene	1	35.7		40.4		12.4
	Trichloroethene	1	5.81		8.66		39.4

E = Concentration exceeds the calibration range and therefore result is semi-quantitative.

The RPD for all analytes indicates that field duplicate precision as shown in this table is considered acceptable.

4.2 ACCURACY

Accuracy is a quantitative measurement of agreement between an analytical result and the true value. Accuracy is determined by comparing known amounts of analytes, which are added to the sample prior to analysis, to the field analytical results. Accuracy is expressed as a percentage of recovery (%R) of the total amount of spiked analyte. For VOC analyses, each sample was spiked with surrogate compounds prior to analysis (and extraction), and chosen samples were spiked (in duplicate) with additional spikes (MS and MSD). Surrogate and MS/MSD recoveries evaluate accuracy and identify interferences from the sample matrix.

Surrogate recoveries were acceptable for VOC analyses for these sampling events.

4.3 REPRESENTATIVENESS

Representativeness is a qualitative measurement of the degree to which analytical results reflect the true concentrations of analytes that may (or not) be present in a sample. Representativeness of organic analytical results of true site conditions is evaluated using trip blanks, field blanks, method blanks, and rinsate from decontaminated sampling equipment. Target organic compounds in quality control (QC) samples may represent contamination during sampling or transportation of samples to the laboratory. Compliance with holding time and extraction criteria also assures representativeness of results.

Two field blanks for the July and December 2006 events were analyzed to characterize the water source used during these sampling events. Potable water was used by the field crews for field blanks. Certain low concentrations of chloroform, chlorodibromomethane, and bromodichloromethane were reported in the field blanks; however, none of these compounds were reported in any of the groundwater samples tested. A low concentration of cis-1,2-DCE (1.03 µg/L) was reported in one of the December 2006 field blanks. No other target VOCs were detected above the reporting limit in any of the field blanks.

No target VOCs were detected above the reporting limit in any method blank.

Two trip blanks were analyzed during both the July and December 2006 sampling events as part of the VOC laboratory QC program. No target VOCs were detected above the reporting limit in any of the trip blanks.

Equipment rinse samples were collected per every 20 production samples, using potable water to rinse field equipment, and analyzed for all target constituents. Two rinsate blanks were collected during both the July and December 2006 events. Certain low concentrations of chloroform and dibromochloromethane were reported in the rinse samples. No other target VOCs were detected above the reporting limit in any of the rinsate blanks.

Analytical results for the July 2006 and December 2006 events are considered representative of site contaminant conditions.

4.4 COMPLETENESS

Completeness is a quantitative measurement of the usability of a data set. Completeness is defined as the percentage of data that satisfy validation criteria. Rejected data are not usable. Data qualified as estimated, however, is usable. Completeness goals were 100 percent for this report and are considered to be met.

4.5 COMPARABILITY

Comparability is a qualitative assessment of the confidence with which different data sets may be used to characterize a site. Comparability is a necessary criteria because sampling is often performed at different times and precision, accuracy, and representativeness are unique to each sampling event. Comparability between data generated at different times at a single site is evaluated by reviewing sample collection and handling procedures, sample matrix, and analytical methods used. Standardization of sampling protocols and analytical methods assures comparability as long as precision and accuracy criteria are satisfied for each data set. The overall analytical performance for this report was evaluated, and should be comparable to previous and future data sets.

5.0 CONCLUSIONS AND RECOMMENDATIONS

A comparison of analytical data from the eighteen sampling events that occurred in 2001-2006 provides an evaluation of the System performance. The following overall conclusions and recommendations have been reached in this remedial progress evaluation:

- Despite modified pulsed pumping operations, with five shutdown periods since mid-2004, the mass removal rate and the gallons to remove one pound of VOCs remained at asymptotic levels (see Table 3-6).
- Overall decreases in TCE concentrations have been observed in all perimeter and site interior monitor wells (Table 3-4). A decrease in the System influent TCE concentrations has also been observed, which would be expected since contaminant levels have declined in the North and South TCE Source Areas where extraction is occurring (Table 3-7).
- The System has successfully removed 3,458 pounds of TCE from subsurface media.
- Despite five system shutdown periods since mid-2004, overall contaminant levels in site monitor wells have not demonstrated significant rebound effects, and overall declines remain evident as shown in Table 3-4.
- MACTEC deployed BioTrap™ samplers in the two former source areas on April 27, 2006. The results indicated that the HRC™ favorably increased the Site's microbial population. Based on the Bio-Trap™ results, enhanced bioremediation using HRC™ was selected for pilot testing as a supplemental remedy for overburden groundwater in the source areas.
- MACTEC performed the pilot test field activities to inject HRC™ into the on-site groundwater from September 24-29, 2006. During this period, MACTEC completed the "baseline", "immediately after injection", and monthly performance monitoring events in November and December 2006.
- During the pilot test, the System will remain shut down. MACTEC is providing NYSDEC with pilot test summaries in the monthly progress reports. A final report will be prepared at the completion of the pilot test; which will summarize results from testing, provide conclusions on the effectiveness of the HRC™, and recommendations (if applicable) for further applications.

- Based on the results from 18 sampling events, the site natural biodegradation conditions have been well documented. In consideration of the ongoing accelerated bioremediation pilot test which includes bioparameter sampling in the test area, MACTEC recommends the annual sitewide natural biodegradation sampling be discontinued.

6.0 REFERENCES

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APPENDIX A

FIGURES

P:\ZCADD\Centerpoint office projects\30310520006 - Rochester\30310520006_FIG1_ANNUAL_2006.dwg Wed, 21 Feb 2007 - 7:41am reverenc
PREPARED BY: R. EVERENCE | DATE: 01/16/07 | CHECKED BY: DEATHERAGE | DATE: 01/16/07

N

HAGUE STREET

WEST AVENUE

AMES STREET

MH 528.13
MH 529.59
MH 523.28
MH 519.91
MH 517.83
MH 522.70
MH 522.52
MH 501.72
MH-22
MH-23
MH-24
MH-25
MH-21
MH-3
MH-6
MH-13
MH-26
CB-1
CB-2
CB-3
CB-4
CB-5
CB-7
CB-8
CB-9
CB-10
CB-11
CB-12
CB-14
CB-15
CB-16
CB-17
CB-18
CB-19
CB-20
5' GATE
GATE POST
CONC. SW
CURB
CORRUGATED GUIDE RAIL
GROUNDWATER TREATMENT BUILDING
STORAGE SHED
BUILDING FOUNDATION
CONC. STAIRS
10" V.T.
N/F NEW YORK CENTRAL RAILROAD
RAILROAD TRACKS

LEGEND

- MANHOLE
- EXISTING ABANDONED SEWER LATERAL PLUG
- RAILROAD TRACKS
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- GUARD RAIL
- BEDROCK MONITORING WELL (BR)
- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK EXTRACTION WELL (BREW)
- DUAL-PHASE VACUUM EXTRACTION WELL (DPVE)
- VENT WELL

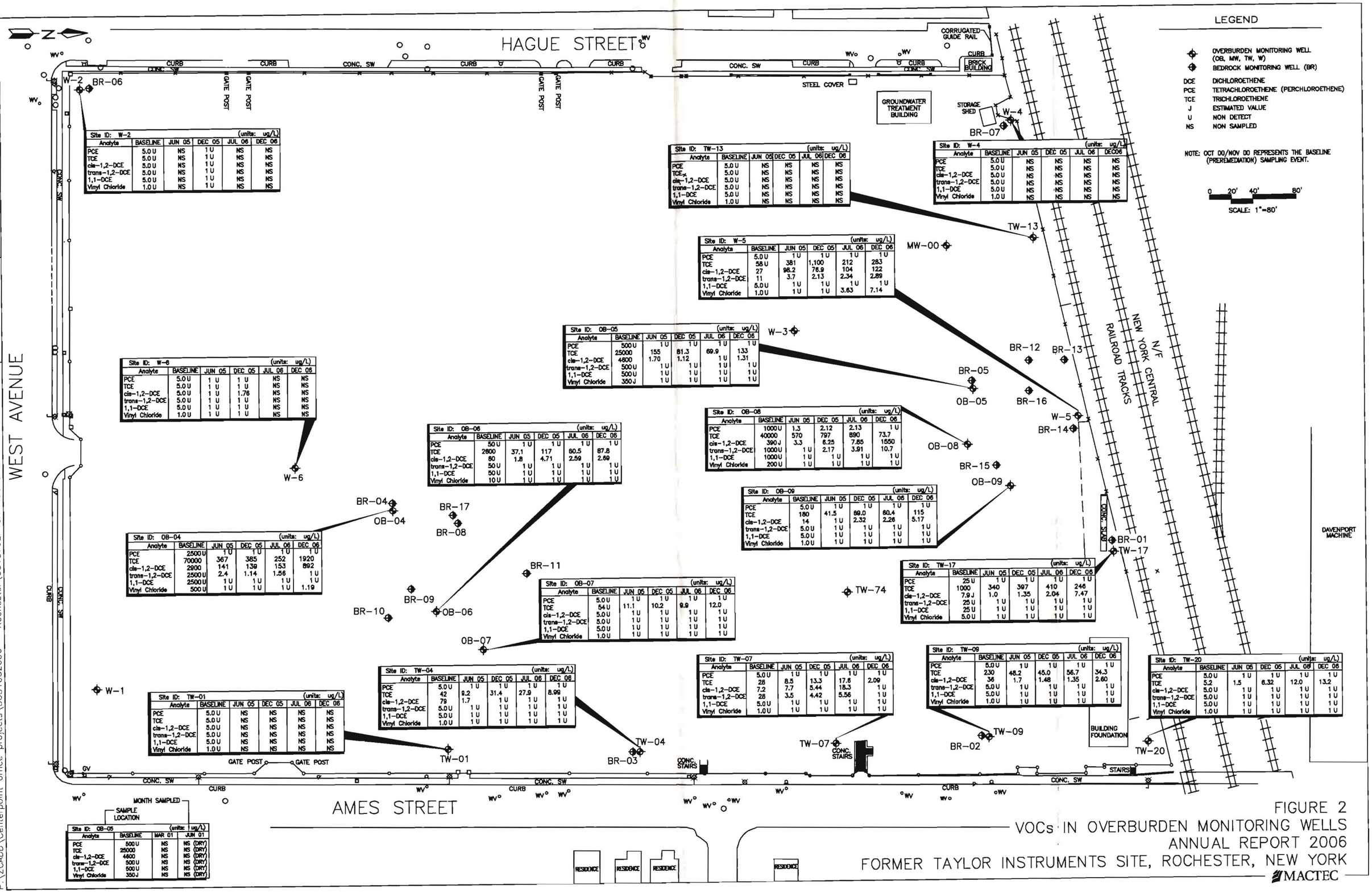
0 80'
SCALE: 1"=80'

NOTE:
THE AREA IS COVERED WITH BITUMINOUS PAVEMENT INSIDE FENCED AREA.

FIGURE 1
WELL LOCATIONS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\C51870EP15A FIGURE 2 2006 DATA.DWG | PREPARED BY: R. EVERENCE | DATE: 02/09/07 | CHECKED BY: J. DEATHERAGE | DATE: 02/09/07



LEGEND

- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK MONITORING WELL (BR)
- DCE DICHLOROETHENE
- PCE TETRACHLOROETHENE (PERCHLOROETHENE)
- TCE TRICHLOROETHENE
- J ESTIMATED VALUE
- U NON DETECT
- NS NON SAMPLED

NOTE: OCT 00/NOV 00 REPRESENTS THE BASELINE (PREREMEDIATION) SAMPLING EVENT.

0 20' 40' 80'

SCALE: 1"=80'

Site ID: W-2 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	1 U	NS	NS
TCE	5.0 U	NS	1 U	NS	NS
cis-1,2-DCE	5.0 U	NS	1 U	NS	NS
trans-1,2-DCE	5.0 U	NS	1 U	NS	NS
1,1-DCE	5.0 U	NS	1 U	NS	NS
Vinyl Chloride	1.0 U	NS	1 U	NS	NS

Site ID: TW-13 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: W-4 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: W-5 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	58 U	381	1,100	212	283
cis-1,2-DCE	27	98.2	76.9	104	122
trans-1,2-DCE	11	3.7	2.13	2.34	2.89
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	3.63	7.14

Site ID: OB-05 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	500 U	1 U	1 U	1 U	1 U
TCE	25000	155	81.3	69.9	133
cis-1,2-DCE	4600	1.70	1.12	1 U	1.31
trans-1,2-DCE	500 U	1 U	1 U	1 U	1 U
1,1-DCE	500 U	1 U	1 U	1 U	1 U
Vinyl Chloride	350 J	1 U	1 U	1 U	1 U

Site ID: OB-08 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	1000 U	1.3	2.12	2.13	1 U
TCE	40000	570	797	890	73.7
cis-1,2-DCE	390 J	3.3	6.25	7.85	1550
trans-1,2-DCE	1000 U	1 U	2.17	3.91	10.7
1,1-DCE	1000 U	1 U	1 U	1 U	1 U
Vinyl Chloride	200 U	1 U	1 U	1 U	1 U

Site ID: W-6 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	5.0 U	1 U	1 U	NS	NS
cis-1,2-DCE	5.0 U	1 U	1.76	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: OB-06 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	2800	37.1	117	80.5	87.8
cis-1,2-DCE	80	1.8	4.71	2.59	2.69
trans-1,2-DCE	50 U	1 U	1 U	1 U	1 U
1,1-DCE	50 U	1 U	1 U	1 U	1 U
Vinyl Chloride	10 U	1 U	1 U	1 U	1 U

Site ID: OB-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	41.5	89.0	80.4	115
cis-1,2-DCE	14	1 U	2.32	2.26	5.17
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: OB-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	2500 U	1 U	1 U	1 U	1 U
TCE	70000	367	385	252	1920
cis-1,2-DCE	2900	141	139	153	892
trans-1,2-DCE	2500 U	2.4	1.14	1.56	1 U
1,1-DCE	2500 U	1 U	1 U	1 U	1 U
Vinyl Chloride	500 U	1 U	1 U	1 U	1.19

Site ID: OB-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	54 U	11.1	10.2	9.9	12.0
cis-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-17 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	25 U	1 U	1 U	1 U	1 U
TCE	1000	340	397	410	246
cis-1,2-DCE	7.9 J	1.0	1.35	2.04	7.47
trans-1,2-DCE	25 U	1 U	1 U	1 U	1 U
1,1-DCE	25 U	1 U	1 U	1 U	1 U
Vinyl Chloride	5.0 U	1 U	1 U	1 U	1 U

Site ID: TW-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	42	9.2	31.4	27.9	8.99
cis-1,2-DCE	79	1.7	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-01 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: TW-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	28	8.5	13.3	17.6	2.09
cis-1,2-DCE	7.2	7.7	5.44	18.3	1 U
trans-1,2-DCE	28	3.5	4.42	5.56	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	230	48.2	45.0	56.7	34.3
cis-1,2-DCE	36	1.7	1.48	1.35	2.60
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-20 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	5.2	1.5	6.32	12.0	13.2
cis-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

MONTH SAMPLED

SAMPLE LOCATION

Site ID: OB-05 (units: ug/L)

Analyte	BASELINE	MAR 01	JUN 01
PCE	500 U	NS	NS (DRY)
TCE	25000	NS	NS (DRY)
cis-1,2-DCE	4600	NS	NS (DRY)
trans-1,2-DCE	500 U	NS	NS (DRY)
1,1-DCE	500 U	NS	NS (DRY)
Vinyl Chloride	350 J	NS	NS (DRY)

FIGURE 2
VOCs IN OVERBURDEN MONITORING WELLS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK
MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/22/07 | CHECKED BY: J. DEATHERAGE | DATE: 01/22/07
P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\C51870EP14A.dwg Mon, 18 Jul 2005 - 8:10am

HAGUE STREET

WEST AVENUE

AMES STREET

CORRUGATED GUIDE RAIL

BRICK BUILDING

STEEL COVER

GROUNDWATER TREATMENT BUILDING

STORAGE SHED

NEW YORK CENTRAL RAILROAD N/F RAILROAD TRACKS

DAVENPORT MACHINE

BUILDING FOUNDATION

CONC. STAIRS

RESIDENCE

LEGEND

- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK MONITORING WELL (BR)

DCE DICHLOROETHENE
PCE TETRACHLOROETHENE (PERCHLOROETHENE)
TCE TRICHLOROETHENE
J ESTIMATED VALUE
U NON DETECT
NS NOT SAMPLED
NOTE: OCT 00/NOV 00 REPRESENTS THE BASELINE (PREREMEDIATION) SAMPLING EVENT.

MONTH SAMPLED
SAMPLE LOCATION

Site ID: BR-06 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	1 U	NS	1 U
TCE	5.0 U	NS	1 U	NS	1 U
cis-1,2-DCE	5.0 U	NS	1 U	NS	1 U
trans-1,2-DCE	5.0 U	NS	1 U	NS	1 U
1,1-DCE	5.0 U	NS	1 U	NS	1 U
Vinyl Chloride	1.0 U	NS	1 U	NS	1 U

Site ID: BR-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	7.4	1 U	1 U	1 U	6.37
cis-1,2-DCE	28	3	6.01	4.54	38.0
trans-1,2-DCE	10	2.5	4.72	3.79	23.6
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	220	7.3	15.6	11.2	98.1

Site ID: BR-08 (units: ug/L)

Analyte	BASELINE	MAR 01	JUN 01
PCE	5.0 U	5.0 U	5 U
TCE	5.0 U	5.0 U	1.6 J
cis-1,2-DCE	5.0 U	5.0 U	5 U
trans-1,2-DCE	5.0 U	5.0 U	5 U
1,1-DCE	5.0 U	5.0 U	5 U
Vinyl Chloride	1.0 U	1.0 U	1 U

Site ID: BR-12 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	200	1 U	1 U	NS	NS
cis-1,2-DCE	8.1	6.4	7.33	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-13 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	2.5 J	1 U	1 U	NS	NS
cis-1,2-DCE	5.0 U	1 U	1 U	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-17 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	10 U	1 U	1 U	1 U	1 U
TCE	840	4.8	5.01	9.36	13.6
cis-1,2-DCE	180	9.2	1.24	270	325
trans-1,2-DCE	84	1.5	1 U	56.8	57.4
1,1-DCE	3.8 J	1 U	1 U	1.5	2.10
Vinyl Chloride	2.0 U	1 U	1 U	2.75	2.48

Site ID: BR-16 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	6.0	NS	NS	NS	NS
cis-1,2-DCE	3.8 J	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: BR-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	10000	6.8	16.4	3940	5.32
cis-1,2-DCE	800	937	127	6410	2030
trans-1,2-DCE	140	22.5	2.21	147	24.1
1,1-DCE	17 J	1.8	1U	21.3	3.17
Vinyl Chloride	25 J	1.2	1U	12.9	5.21

Site ID: BR-08 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	25 U	1 U	1 U	1 U	1 U
TCE	540	50	11.4	12.5	12.0
cis-1,2-DCE	44	128	42.4	80.2	78.8
trans-1,2-DCE	5.2 J	14.7	4.24	1 U	5.86
1,1-DCE	25 U	1 U	1 U	1 U	1 U
Vinyl Chloride	7.0 J	3.4	1 U	2.90	6.30

Site ID: BR-05 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	4800	60.1	1.45	14.4	1.25
cis-1,2-DCE	1200	268	8.33	95.5	4.51
trans-1,2-DCE	130	18.3	1 U	5.52	1 U
1,1-DCE	50 U	1.8	1 U	1 U	1 U
Vinyl Chloride	160	23.1	1 U	6.68	1 U

Site ID: BR-14 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	5.0 U	1 U	1 U	NS	NS
cis-1,2-DCE	1.2 J	1 U	1 U	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	250 U	1 U	1 U	1 U	1 U
TCE	13000	102	1 U	11.0	1.39
cis-1,2-DCE	190 J	18.8	19.4	3.70	1 U
trans-1,2-DCE	250 U	1 U	1 U	1 U	1 U
1,1-DCE	250 U	1 U	1 U	1 U	1 U
Vinyl Chloride	50 U	1 U	1 U	1 U	1 U

Site ID: BR-15 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	100 U	1 U	1 U	1 U	1 U
TCE	2700	1080	760	1200	390
cis-1,2-DCE	54 J	187	117	336	138
trans-1,2-DCE	100 U	4.4	2.36	13.0	3.30
1,1-DCE	100 U	1 U	1 U	1.78	1.20
Vinyl Chloride	20 U	1 U	1 U	1 U	1.44

Site ID: BR-11 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	1400	392	8.75	16.7	5.81
cis-1,2-DCE	320	267	7.97	255	185
trans-1,2-DCE	52	20.4	1 U	47.2	35.7
1,1-DCE	50 U	1.3	1 U	1.28	1.19
Vinyl Chloride	13 J	3.0	1 U	7.43	7.63

Site ID: BR-01 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	199	1.12	1 U	1 U
cis-1,2-DCE	550	6.5	36.2	3.09	3.73
trans-1,2-DCE	4.3 J	1.0	1.10	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	3.5 J	1 U	1 U	1 U	1 U

Site ID: BR-10 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	100 U	1.3	1.62	1 U	1 U
TCE	4000	558	474	52.3	28.2
cis-1,2-DCE	450	166	122	12.3	15.0
trans-1,2-DCE	27 J	17.3	11.1	1.53	1.28
1,1-DCE	100 U	1 U	1 U	1 U	1 U
Vinyl Chloride	20 U	1.3	1 U	1 U	1 U

Site ID: BR-03 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	440	73.4	5.57	248	29.7
cis-1,2-DCE	99	5.6	21.0	6.97	27.3
trans-1,2-DCE	1.2 J	1 U	1 U	1 U	1 U
1,1-DCE	2.2 J	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: BR-02 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1.32
TCE	1800	183	114	120	113
cis-1,2-DCE	540	29	23.1	16.9	31.1
trans-1,2-DCE	31 J	9.1	9.08	8.29	11.3
1,1-DCE	50 U	1 U	1 U	1 U	1 U
Vinyl Chloride	10 U	1 U	1 U	1 U	1 U

0 20' 40' 80'
SCALE: 1"=80'

FIGURE 3
VOCs IN BEDROCK MONITORING WELLS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/22/07 | CHECKED BY: J. DEATHERAGE | DATE: 01/22/07

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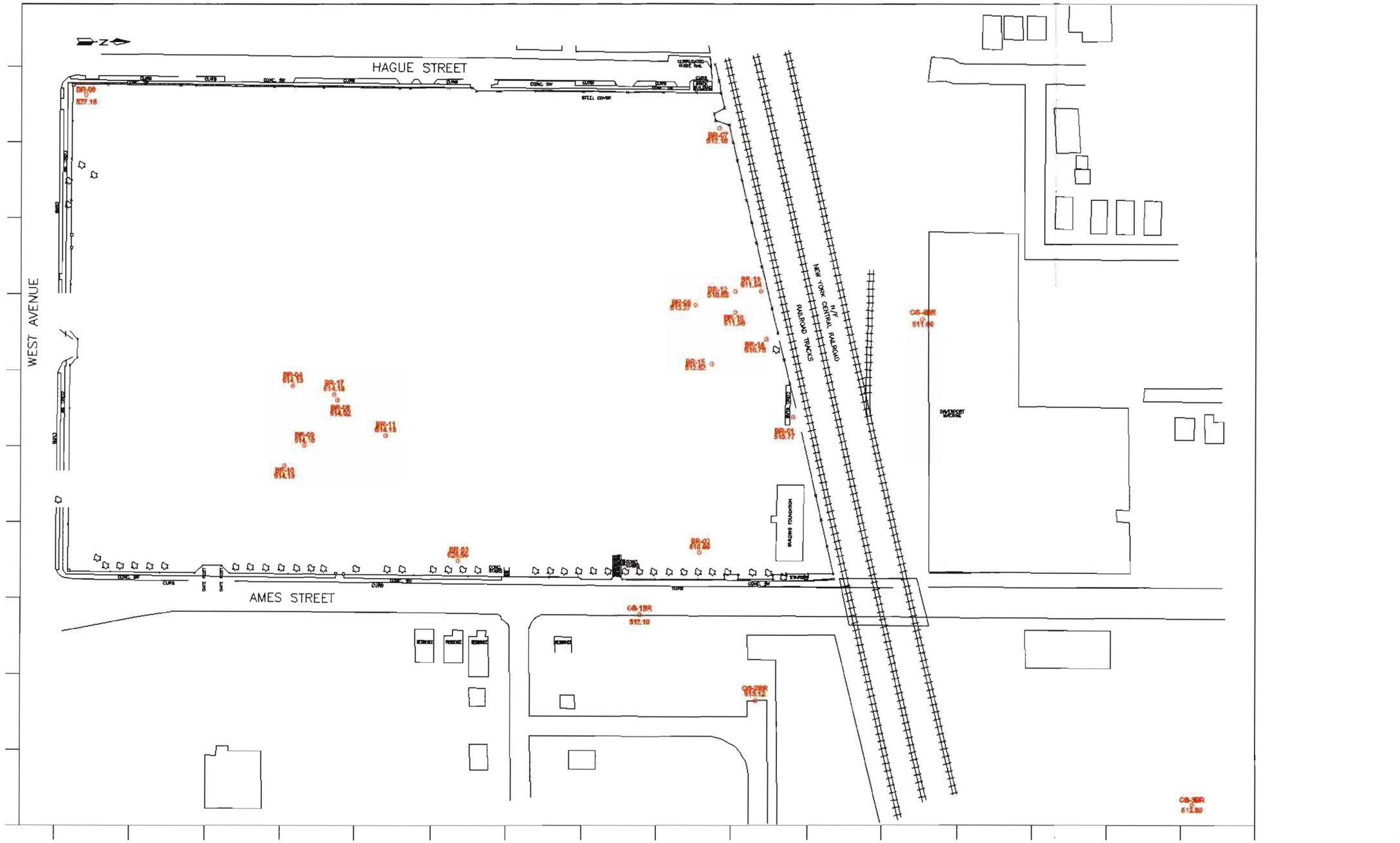


LEGEND

BR-01	WELL ID
●	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
513.87	WATER LEVEL ELEVATION (feet)

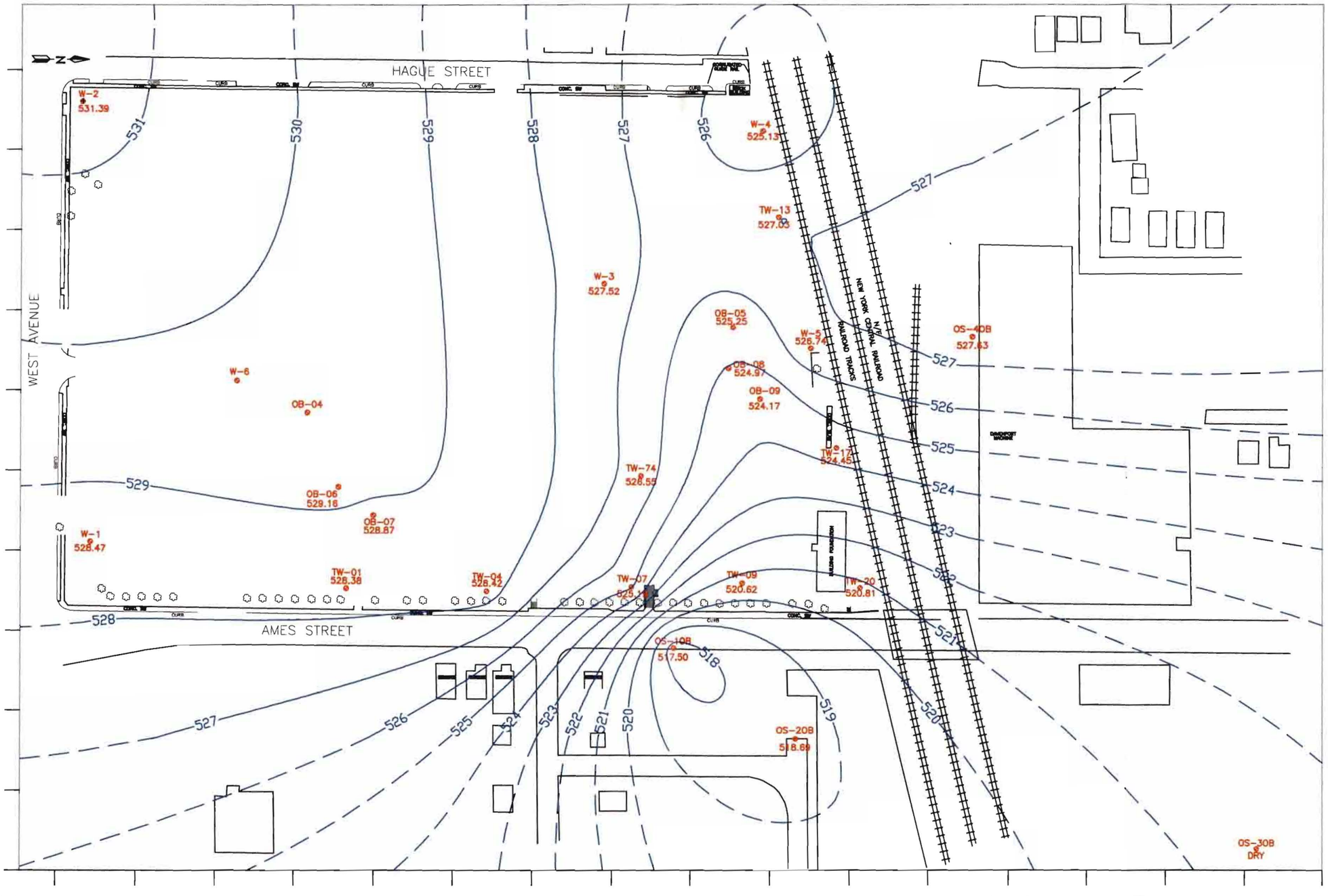
0 32.5' 65' 130'

SCALE: 1"=130'

NOTE: DATA FOR MONITOR OS-1BR, OS-2BR, OS-3BR, AND OS-4BR WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON JULY 18, 2006.

FIGURE 7
BEDROCK GROUNDWATER ELEVATIONS
JULY 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC



LEGEND

- 520 — CONTOUR LINE, 1' INTERVAL
- OB-07 — WELL ID
- ● — MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
- 524.60 — WATER LEVEL ELEVATION (feet)

NOTE: DATA FOR MONITOR OS-1OB, OS-2OB, OS-3OB, AND OS-4OB WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON JULY 18, 2006.

0' 20' 40' 80'

SCALE: 1"=80'

FIGURE 8
OVERBURDEN POTENTIOMETRIC SURFACE MAP
DECEMBER 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERDYKE 02/19/07 | CHECKED BY: J. DEATHERAGE 02/19/07

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Figure 10
Average Groundwater Flowrates

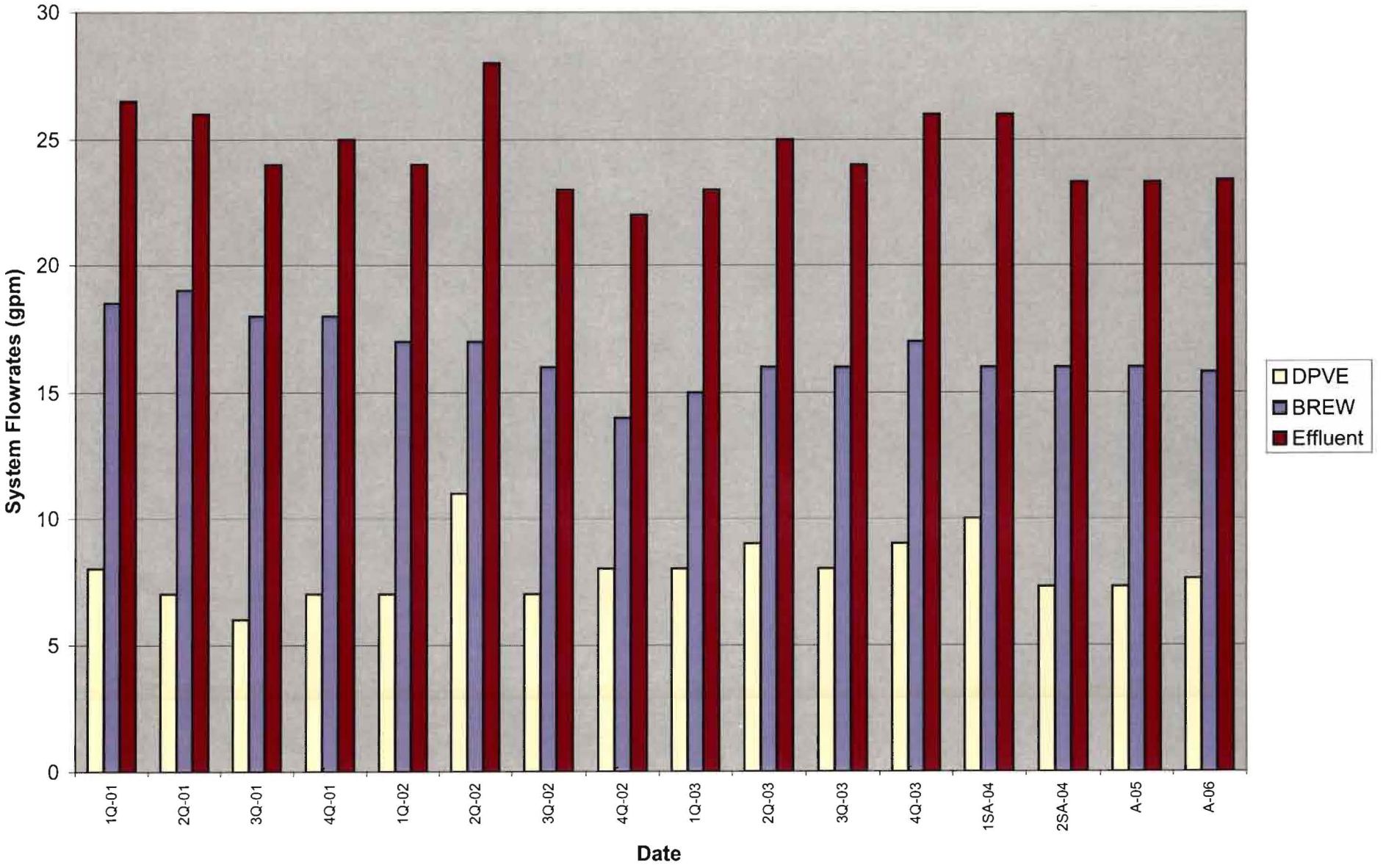


Figure 11
TCE Mass Removed

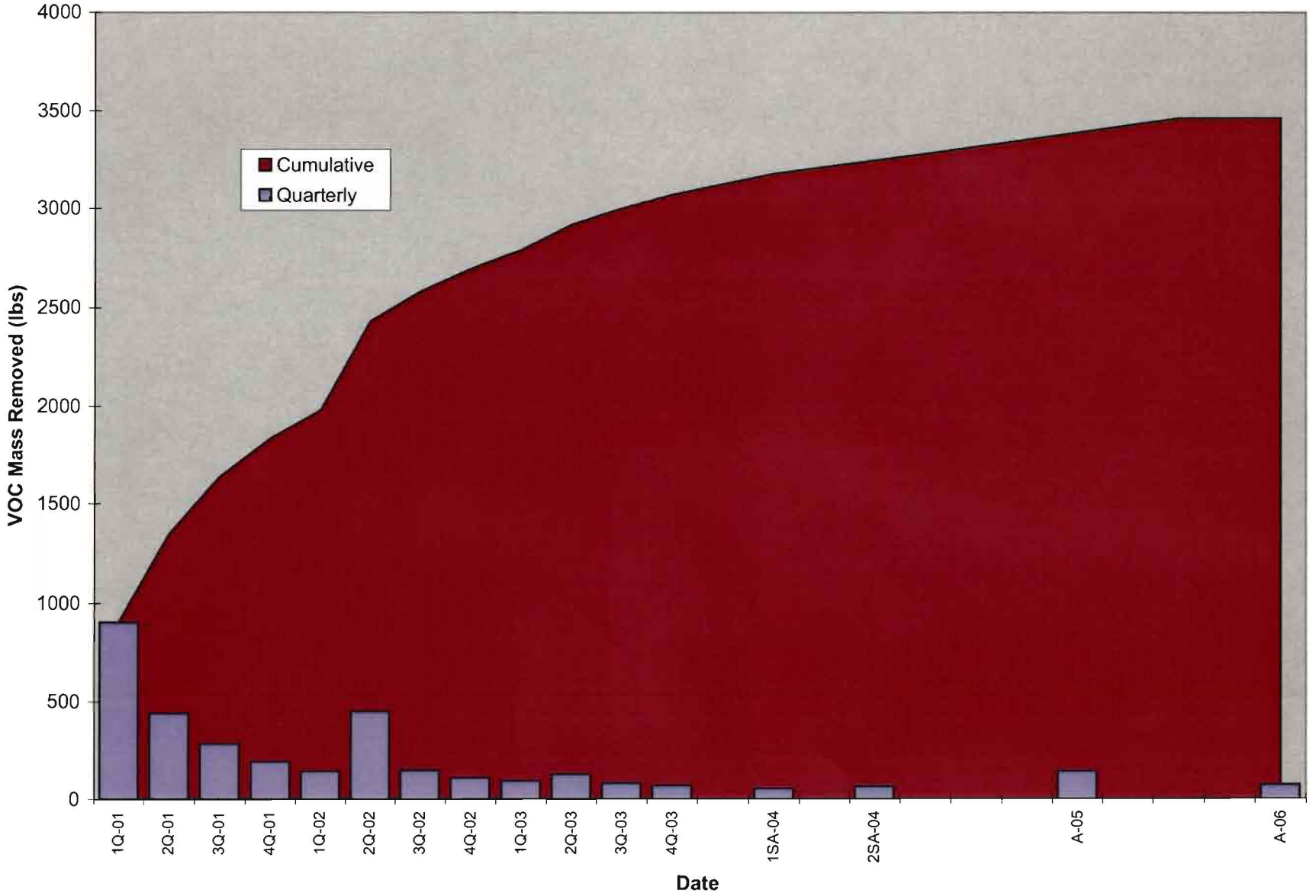


Figure 12
System TCE Effluent Vapor Results

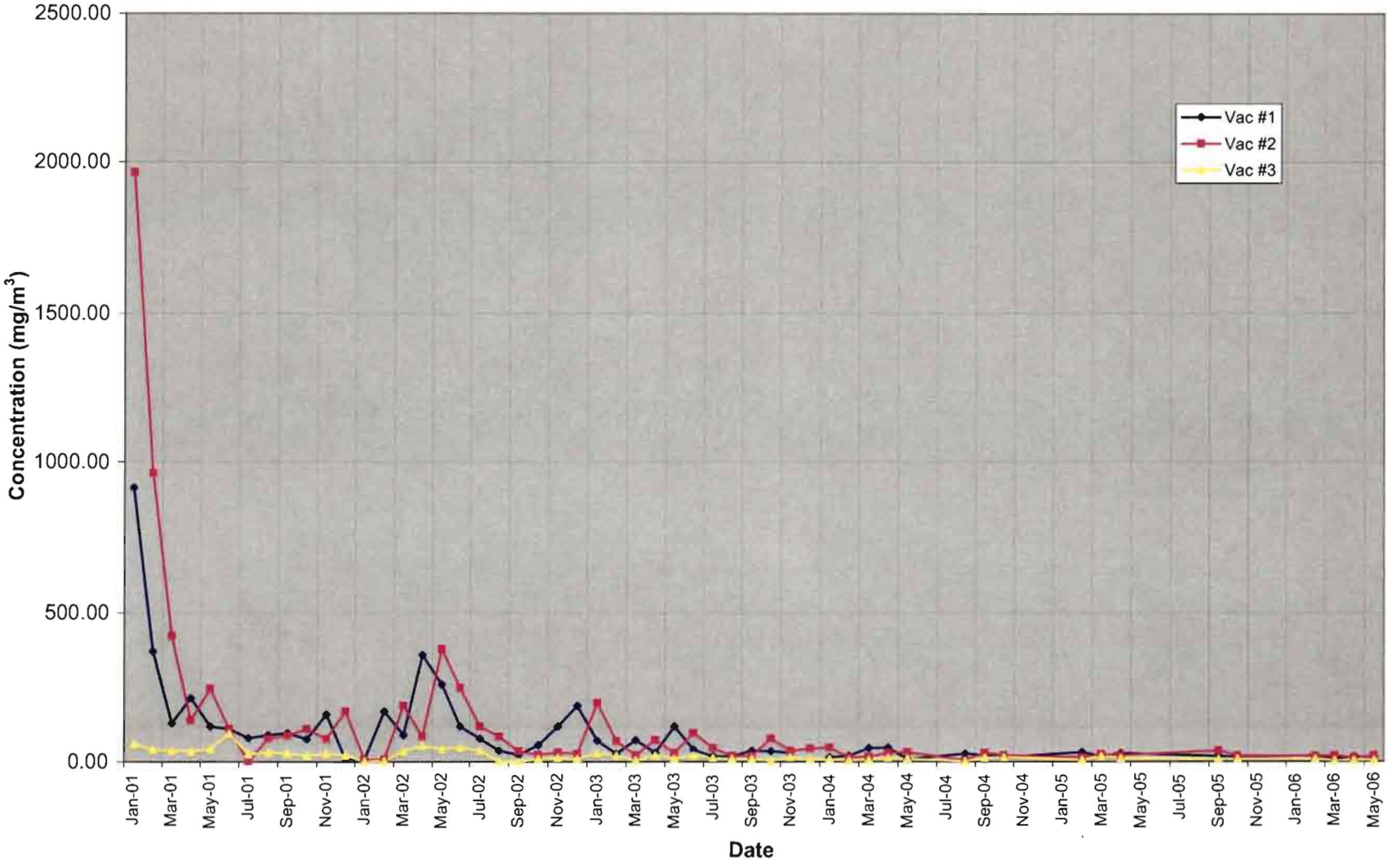
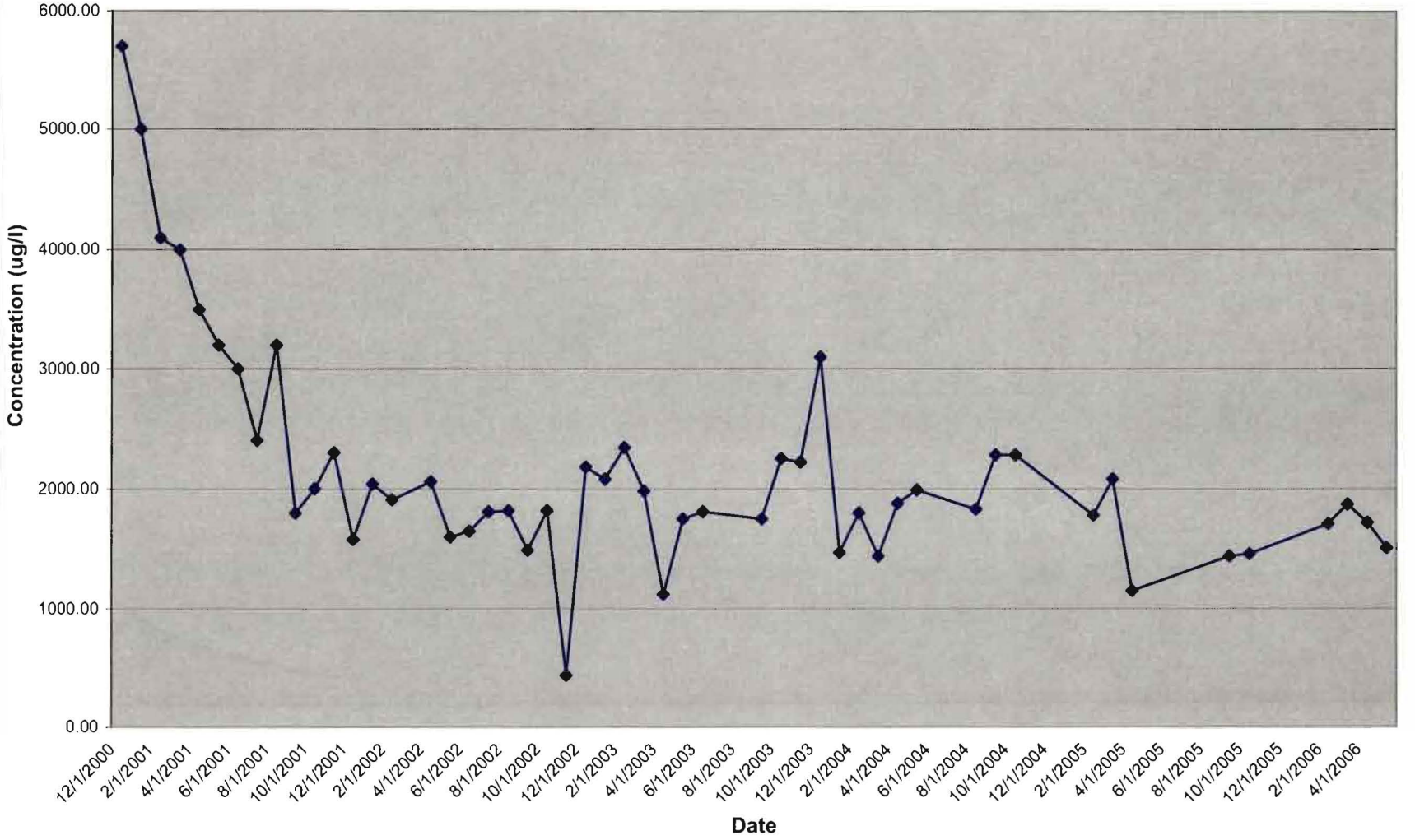


Figure 13
System TCE Influent Groundwater Results



APPENDIX B

HISTORICAL SUMMARY OF RESULTS

Table B-1
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
OB-04	11/19/00	70,000	2,900	--	--	--
OB-04	03/24/01	150	3.2 J	--	--	--
OB-04	06/18/01	39,000	21,000	--	--	--
OB-04	09/01	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-04	12/17/01	71,500	56,000	170	108	10.2
OB-04	03/12/02	65,600	1,640	16.6	3.8	--
OB-04	06/09/02	3,650	554	--	--	--
OB-04	09/23/02	3,760	1,950	7.5	4.9	2
OB-04	12/09/02	46.3	5.5	--	--	--
OB-04	03/22/03	11.3	1.3	--	--	--
OB-04	06/13/03	41.5	6.7	--	--	--
OB-04	09/21/03	2,780	125	1.9	--	--
OB-04	12/14/03	23.3	3	--	--	--
OB-04	06/19/04	394	87.2	1.3	--	--
OB-04	12/05/04	626	124	1.6	--	--
OB-04	06/26/05	367	141	2.4	--	--
OB-04	12/03/05	385	139	1.14	--	--
OB-04	07/20/06	252	153	1.56	--	--
OB-04	12/06/06	1,920	892	--	--	1.19
OB-05	11/19/00	25,000	4,600	--	--	350
OB-05	03/01	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	06/01	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	09/01	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	12/01	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	03/02	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	06/10/02	52.8	--	--	--	--
OB-05	09/23/02	489	15	--	--	--
OB-05	12/09/02	604	13	--	--	--
OB-05	03/03	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	06/13/03	97.2	2.5	--	--	--
OB-05	09/03	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)	NS (Dry)
OB-05	12/14/03	135	2.6	--	--	--
OB-05	06/20/04	65.4	1.2	--	--	--
OB-05	12/05/04	172	4.0	--	--	--
OB-05	06/29/05	155	1.7	--	--	--
OB-05	12/03/05	81.3	1.12	--	--	--
OB-05	07/21/06	69.9	--	--	--	--
OB-05	12/07/06	133	1.31	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
OB-06	11/17/00	2,600	60	--	--	--
OB-06 (DUP)	11/17/00	3,300	80 J	--	--	--
OB-06	03/21/01	540	--	--	--	--
OB-06	06/15/01	720	12 J	--	--	--
OB-06	09/13/01	5,600	240	9.0 J	--	--
OB-06	12/13/01	637	13.7	--	--	--
OB-06	03/08/02	526	7.8	--	--	--
OB-06	06/07/02	184	2.8	--	--	--
OB-06	09/20/02	386	10.1	--	--	--
OB-06	12/06/02	100	1.5	--	--	--
OB-06	03/20/03	84.9	1.5	--	--	--
OB-06	06/11/03	52.7	1.1	--	--	--
OB-06	09/18/03	242	2.6	--	--	--
OB-06	12/11/03	60	1	--	--	--
OB-06	06/17/04	38.6	--	--	--	--
OB-06	12/02/04	31.9	1.4	--	--	--
OB-06	06/26/05	37.1	1.8	--	--	--
OB-06	12/02/05	117	4.71	--	--	--
OB-06	07/21/06	60.5	2.59	--	--	--
OB-06	12/10/06	87.8	2.69	--	--	--
OB-07	11/16/00	--	--	--	--	--
OB-07	03/28/01	7.5	--	--	--	--
OB-07	06/17/01	10 J	--	--	--	--
OB-07	09/17/01	17	1.8 J	--	--	--
OB-07	12/17/01	21.8	7	--	--	--
OB-07	03/07/02	4.2	--	--	--	--
OB-07	06/06/02	7.1	--	--	--	--
OB-07	09/19/02	12.4	--	--	--	--
OB-07	12/05/02	10.2	--	--	--	--
OB-07	03/19/03	--	--	--	--	--
OB-07	06/11/03	6.2	--	--	--	--
OB-07	09/17/03	11.2	--	--	--	--
OB-07	12/10/03	10.7	--	--	--	--
OB-07	06/16/04	10.2	--	--	--	--
OB-07	12/01/04	11.0	--	--	--	--
OB-07	06/25/05	11.1	--	--	--	--
OB-07	12/05/05	10.2	--	--	--	--
OB-07	07/19/06	9.90	--	--	--	--
OB-07	12/11/06	12.0	--	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
OB-08	11/16/00	40,000	390 J	--	--	--
OB-08	03/20/01	29,000	390 J	--	--	--
OB-08	06/19/01	15,000	240 J	--	--	--
OB-08	09/18/01	27,000	560 J	--	--	--
OB-08	12/18/01	500	9.3	--	--	--
OB-08	03/12/02	15,750	208	8.6	2.7	--
OB-08	06/10/02	5,370	--	--	--	--
OB-08	09/24/02	5,440	110	3.6	--	--
OB-08	12/09/02	8,050	94.2	5	1.3	--
OB-08	03/24/03	3,480	37.3	2.2	--	--
OB-08	06/13/03	2,250	15.3	1.2	--	--
OB-08	09/22/03	2,780	32.1	3.1	--	--
OB-08	12/15/03	1,360	10.8	1.5	--	--
OB-08	06/20/04	725	13.1	2.5	--	--
OB-08	12/06/04	429	5.80	--	--	--
OB-08	06/29/05	570	3.3	--	--	--
OB-08	12/06/05	797	6.25	2.17	--	--
OB-08	07/21/06	890	7.85	3.91	--	--
OB-08	12/06/06	73.7	1,550	10.7	--	--
OB-09	11/16/00	180	14	--	--	--
OB-09	03/26/01	150	16	--	--	--
OB-09	06/17/01	150	17	--	--	--
OB-09	09/15/01	180	23	3.5 J	--	--
OB-09	12/15/01	141	20.5	2.3	--	--
OB-09	03/06/02	117	12	--	--	--
OB-09	06/05/02	86	7.4	--	--	--
OB-09	09/18/02	153	16.6	1.6	--	--
OB-09	12/05/02	88.5	9.2	--	--	--
OB-09	03/19/03	44.2	4.6	--	--	--
OB-09	06/11/03	70.7	8.2	--	--	--
OB-09	09/17/03	95.9	10.3	--	--	--
OB-09	12/10/03	61.1	3.7	--	--	--
OB-09	06/16/04	57.5	3.1	--	--	--
OB-09	12/01/04	58.3	2.5	--	--	--
OB-09	06/25/05	41.5	--	--	--	--
OB-09	12/05/05	69.0	2.32	--	--	--
OB-09	07/18/06	60.4	2.26	--	--	--
OB-09	12/05/06	115	5.17	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
TW-01	10/24/00	--	--	--	--	--
TW-01[1]	03/01	NS	NS	NS	NS	NS
TW-01[1]	06/01	NS	NS	NS	NS	NS
TW-01[1]	09/01	NS	NS	NS	NS	NS
TW-01[1]	12/01	NS	NS	NS	NS	NS
TW-01[1]	03/02	NS	NS	NS	NS	NS
TW-01[1]	06/02	NS	NS	NS	NS	NS
TW-01[1]	09/02	NS	NS	NS	NS	NS
TW-01[1]	03/03	NS	NS	NS	NS	NS
TW-01[1]	03/03	NS	NS	NS	NS	NS
TW-01[1]	09/03	NS	NS	NS	NS	NS
TW-01[1]	12/03	NS	NS	NS	NS	NS
TW-01[1]	06/04	NS	NS	NS	NS	NS
TW-01[1]	12/04	NS	NS	NS	NS	NS
TW-01[1]	06/05	NS	NS	NS	NS	NS
TW-01[1]	12/05	NS	NS	NS	NS	NS
TW-01[1]	07/06	NS	NS	NS	NS	NS
TW-01[1]	12/06	NS	NS	NS	NS	NS
TW-04	10/24/00	42	79	--	--	--
TW-04	03/22/01	14	16	--	--	--
TW-04	06/15/01	--	--	--	--	--
TW-04	09/14/01	27	38	--	--	--
TW-04	12/13/01	51.1	19.4	--	--	--
TW-04	03/05/02	51	3.7	--	--	--
TW-04	06/04/02	20.7	--	--	--	--
TW-04	09/17/02	21.2	7.1	--	--	--
TW-04	12/04/02	42.5	5.5	--	--	--
TW-04	03/18/03	--	--	--	--	--
TW-04	06/10/03	19.3	--	--	--	--
TW-04	09/16/03	29.2	3.1	--	--	--
TW-04	12/09/03	49.8	1.1	--	--	--
TW-04	06/15/04	12.7	--	--	--	--
TW-04	11/30/04	40.0	--	--	--	--
TW-04	06/24/05	9.20	1.7	--	--	--
TW-04	12/01/05	31.4	--	--	--	--
TW-04	07/18/06	27.9	--	--	--	--
TW-04	12/11/06	8.99	--	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
TW-07	10/25/00	28	7.2	28	--	--
TW-07	03/29/01	--	--	1.2 J	--	--
TW-07	06/16/01	27	3.9 J	13	--	--
TW-07	09/15/01	74	11	18	--	--
TW-07	12/15/01	42.6	7.7	21.4	--	--
TW-07	03/06/02	18.7	2.6	6.4	--	--
TW-07	06/05/02	5	--	--	--	--
TW-07	09/18/02	32.9	5.1	12.4	--	--
TW-07	12/04/02	46	6.3	15.4	--	--
TW-07	03/19/03	14.2	2.1	5.8	--	--
TW-07	06/10/03	8.1	--	1.1	--	--
TW-07	09/17/03	20.6	3.8	9.8	--	--
TW-07	12/10/03	21	2.9	6	--	--
TW-07	06/16/04	16.2	1.8	3.7	--	--
TW-07	12/01/04	23.0	5.6	8.4	--	--
TW-07	06/24/05	8.5	7.7	3.5	--	--
TW-07	12/05/05	13.3	5.44	4.42	--	--
TW-07	07/18/06	17.6	18.3	5.56	--	--
TW-07	12/05/06	2.09	--	--	--	--
TW-09	10/24/00	230	36	--	--	--
TW-09	03/27/01	120	1.9 J	--	--	--
TW-09	06/16/01	200	7.4	--	--	--
TW-09	09/16/01	150	9.6	--	--	--
TW-09	12/15/01	110	4	--	--	--
TW-09	03/06/02	55.4	2	--	--	--
TW-09	06/05/02	36.5	--	--	--	--
TW-09	09/19/02	91.5	4	--	--	--
TW-09	12/05/02	38	--	--	--	--
TW-09	03/19/03	--	--	--	--	--
TW-09	06/11/03	29.4	--	--	--	--
TW-09	09/17/03	77	6.4	--	--	--
TW-09	12/10/03	36.8	1.2	--	--	--
TW-09	06/16/04	43.1	1.0	--	--	--
TW-09	12/02/04	46.2	2.4	--	--	--
TW-09	06/24/05	48.2	1.7	--	--	--
TW-09	12/05/05	45.0	1.48	--	--	--
TW-09	07/18/06	56.7	1.35	--	--	--
TW-09	12/06/06	34.3	2.60	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
TW-13	11/16/00	--	--	--	--	--
TW-13	03/20/01	--	--	--	--	--
TW-13	06/14/01	--	--	--	--	--
TW-13	09/12/01	--	--	--	--	--
TW-13	12/12/01	--	--	--	--	--
TW-13	03/08/02	--	--	--	--	--
TW-13	06/07/02	--	--	--	--	--
TW-13	09/19/02	--	--	--	--	--
TW-13	12/06/02	--	--	--	--	--
TW-13[4]	03/03	NS	NS	NS	NS	NS
TW-13[4]	06/03	NS	NS	NS	NS	NS
TW-13[4]	09/03	NS	NS	NS	NS	NS
TW-13[4]	12/03	NS	NS	NS	NS	NS
TW-13[4]	06/04	NS	NS	NS	NS	NS
TW-13[4]	12/04	NS	NS	NS	NS	NS
TW-13[4]	06/05	NS	NS	NS	NS	NS
TW-13[4]	12/05	NS	NS	NS	NS	NS
TW-13[4]	07/06	NS	NS	NS	NS	NS
TW-13[4]	12/06	NS	NS	NS	NS	NS
TW-17	11/17/00	1,000	7.9 J	--	--	--
TW-17	03/23/01	530	--	--	--	--
TW-17	06/16/01	490	--	--	--	--
TW-17	09/14/01	740	--	--	--	--
TW-17	12/14/01	515	--	--	--	--
TW-17	03/05/02	339	--	--	--	--
TW-17	06/04/02	393	--	--	--	--
TW-17	09/18/02	666	--	--	--	--
TW-17	12/04/02	390	--	--	--	--
TW-17	03/18/03	379	--	--	--	--
TW-17	06/10/03	282	--	--	--	--
TW-17	09/16/03	435	--	--	--	--
TW-17	12/09/03	441	--	--	--	--
TW-17	06/15/04	280	--	--	--	--
TW-17	11/30/04	407	6.9	--	--	--
TW-17	06/24/05	340	1.0	--	--	--
TW-17	12/01/05	397	1.35	--	--	--
TW-17	07/18/06	410	2.04	--	--	--
TW-17	12/06/06	246	7.47	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
TW-20	10/25/00	5.2	--	--	--	--
TW-20	03/27/01	12	--	--	--	--
TW-20	06/16/01	2.9 J	--	--	--	--
TW-20	09/14/01	--	--	--	--	--
TW-20	12/14/01	3.1	--	--	--	--
TW-20	03/06/02	2.4	--	--	--	--
TW-20	06/05/02	2.7	--	--	--	--
TW-20	09/18/02	--	--	--	--	--
TW-20	12/04/02	11.6	--	--	--	--
TW-20	03/19/03	2.4	--	--	--	--
TW-20	06/10/03	--	--	--	--	--
TW-20	09/17/03	5.0	--	--	--	--
TW-20	12/10/03	14.8	--	--	--	--
TW-20	06/15/04	--	--	--	--	--
TW-20	12/01/04	--	--	--	--	--
TW-20	06/24/05	1.5	--	--	--	--
TW-20	12/01/05	6.32	--	--	--	--
TW-20	07/18/06	12.0	--	--	--	--
TW-20	12/06/06	13.2	--	--	--	--
W-2	10/21/00	--	--	--	--	--
W-2[1]	03/01	NS	NS	NS	NS	NS
W-2[1]	06/01	NS	NS	NS	NS	NS
W-2[1]	09/01	NS	NS	NS	NS	NS
W-2[1]	12/01	NS	NS	NS	NS	NS
W-2[1]	03/02	NS	NS	NS	NS	NS
W-2[1]	06/02	NS	NS	NS	NS	NS
W-2[1]	09/02	NS	NS	NS	NS	NS
W-2[1]	12/02	NS	NS	NS	NS	NS
W-2[3]	03/03	NS	NS	NS	NS	NS
W-2[3]	06/03	NS	NS	NS	NS	NS
W-2[3]	09/03	NS	NS	NS	NS	NS
W-2[3]	12/09/03	--	--	--	--	--
W-2[3]	06/04	NS	NS	NS	NS	NS
W-2[3]	11/30/04	--	--	--	--	--
W-2[3]	06/05	NS	NS	NS	NS	NS
W-2[3]	12/01/05	--	--	--	--	--
W-2[5]	07/06	NS	NS	NS	NS	NS
W-2[5]	12/06	NS	NS	NS	NS	NS

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
W-4	11/17/00	--	--	--	--	--
W-4	03/22/01	1.6 J	--	--	--	--
W-4	06/15/01	1.1 J	--	--	--	--
W-4	09/13/01	--	--	--	--	--
W-4	12/12/01	--	--	--	--	--
W-4	03/08/02	--	--	--	--	--
W-4	06/07/02	--	--	--	--	--
W-4	09/19/02	--	--	--	--	--
W-4	12/06/02	1	--	--	--	--
W-4[4]	03/03	NS	NS	NS	NS	NS
W-4[4]	06/03	NS	NS	NS	NS	NS
W-4[4]	09/03	NS	NS	NS	NS	NS
W-4[4]	12/03	NS	NS	NS	NS	NS
W-4[4]	06/04	NS	NS	NS	NS	NS
W-4[4]	12/04	NS	NS	NS	NS	NS
W-4[4]	06/05	NS	NS	NS	NS	NS
W-4[4]	12/05	NS	NS	NS	NS	NS
W-4[4]	07/06	NS	NS	NS	NS	NS
W-4[4]	12/06	NS	NS	NS	NS	NS
W-5	11/16/00	--	27	11	--	--
W-5	03/23/01	120	25	8.1	--	--
W-5	06/18/01	62	23	9.6	--	--
W-5	09/17/01	64	9.1	6.5	--	--
W-5 (DUP)	09/17/01	62	11	7.3	--	--
W-5	12/17/01	1,435	39.5	9	--	--
W-5 (DUP)	12/17/01	1,780	36.2	8.5	--	--
W-5	03/07/02	737	21.6	3.5	--	--
W-5 (DUP)	03/07/02	607	23.2	3.9	--	--
W-5	06/06/02	155	15.7	--	--	--
W-5 (DUP)	06/06/02	150	13.8	--	--	--
W-5	09/19/02	960	49.6	--	--	--
W-5 (DUP)	09/19/02	676	48.5	4.7	--	--
W-5	12/05/02	777	52	3.6	--	--
W-5 (DUP)	12/05/02	843	51.7	4	--	--
W-5	03/20/03	262	132	3.4	--	--
W-5 (DUP)	03/20/03	232	119	3.3	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
W-5	06/11/03	234	128	5	--	--
W-5 (DUP)	06/11/03	234	152	5.1	--	--
W-5	09/18/03	510	129	4	--	--
W-5 (DUP)	09/18/03	444	112	3.9	--	--
W-5	12/11/03	550	127	3.5	--	--
W-5 (DUP)	12/11/03	520	118	3.4	--	--
W-5	06/16/04	348	98.9	5.4	--	--
W-5 (DUP)	06/16/04	360	71.6	4.6	--	--
W-5	12/02/04	569	125	4.7	--	--
W-5 (DUP)	12/02/04	725	89.4	4.4	--	--
W-5	06/25/05	381	98.2	3.7	--	--
W-5 (DUP)	06/25/05	380	93.2	3.5	--	--
W-5	12/05/05	1,100	76.9	2.13	--	--
W-5 (DUP)	12/05/05	916	69.5	--	--	--
W-5	07/19/06	212	104	2.34	--	3.63
W-5 (DUP)	07/19/06	219	99.0	2.30	--	3.81
W-5	12/05/06	263	122	2.89	--	7.14
W-6	10/24/00	--	--	--	--	--
W-6[2]	03/01	NS	NS	NS	NS	NS
W-6[2]	06/01	NS	NS	NS	NS	NS
W-6	9/13/01	--	--	--	--	--
W-6	12/12/01	--	--	--	--	--
W-6	03/09/02	--	3	--	--	--
W-6	06/08/02	--	10.3	--	--	--
W-6	09/21/02	--	9.6	--	--	--
W-6	12/07/02	--	8.1	--	--	--
W-6	03/22/03	--	5.7	--	--	--
W-6	06/13/03	--	9.7	1.4	--	--
W-6	09/20/03	--	14.2	--	--	--
W-6	12/11/03	1.7	4.6	--	--	--
W-6	06/19/04	--	3.2	--	--	--
W-6	12/03/04	1.0	7.1	1.0	--	--
W-6	06/26/05	--	--	--	--	--
W-6	12/03/05	--	1.76	--	--	--
W-6[5]	07/06	NS	NS	NS	NS	NS
W-6[5]	12/06	NS	NS	NS	NS	NS

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2006 Sampling Events

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[1] Will not be sampled during quarterly events.

[2] W-6 was not sampled due to obstruction.

[3] Sampled annually beginning in December 2003 based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).

[4] Will not be sampled during quarterly sampling events based on based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).

[5] Will not be sampled based on recommendations made in the *2005 Annual Progress Report* (MACTEC 2006a).

Notes: -- = no detections
µg/L = micrograms per liter
1,1-DCE = 1,1-dichloroethylene
cis-1,2-DCE = cis-1,2-dichloroethylene
DUP = duplicate
ID = identification
J = estimated value
NS = not sampled
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by T. Williams on 1-11-07

Checked by J. Deatherage on 2-2-07

Table B-2
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-01	11/17/00	180	550	4.3 J	--	3.5 J
BR-01	03/21/01	320	34	2.2 J	--	--
BR-01 (DUP)	03/21/01	320	35	2.4 J	--	--
BR-01	06/16/01	270	59	4.4 J	--	--
BR-01	09/14/01	31	170	16	--	--
BR-01	12/14/01	63.8	77.5	2	--	--
BR-01	03/09/02	47.3	5.5	1.6	--	--
BR-01	06/08/02	85.7	10.1	3.2	--	--
BR-01	09/20/02	107	16	4	--	--
BR-01	12/07/02	14.3	83	3.8	--	--
BR-01	03/21/03	25.8	2.1	1	--	--
BR-01	06/12/03	60.9	4.6	2.8	--	--
BR-01	09/19/03	102	11.4	1.7	--	--
BR-01	12/12/03	127	61.7	20.6	--	--
BR-01	06/18/04	551	42	6.1	--	--
BR-01	12/03/04	65	4.3	1.4	--	--
BR-01	06/26/05	199	6.5	1.0	--	--
BR-01	12/02/05	1.12	36.2	1.10	--	--
BR-01	07/19/06	--	3.09	--	--	--
BR-01	12/08/06	--	3.73	--	--	--
BR-02	11/18/00	1,800	540	31 J	--	--
BR-02	03/21/01	1,200	95	--	--	--
BR-02	06/17/01	1,000	94	27 J	--	--
BR-02	09/15/01	7,000	1,500	63	31 J	--
BR-02	12/15/01	6,500	1,830	59.8	30.3	19.6
BR-02	03/09/02	588	79.6	20.8	1.2	--
BR-02	06/08/02	568	122	2.2	--	--
BR-02	09/21/02	768	518	24.4	4.6	18.7
BR-02	12/07/02	694	172	29.8	--	5.6
BR-02	03/21/03	4,000	19,100	154	156	64.9
BR-02	06/13/03	710	17,900	120	122	68.1
BR-02	09/18/03	372	245	23.3	--	--
BR-02	12/12/03	324	58.2	18.2	--	--
BR-02	06/18/04	450	257	33.8	2.8	2.3
BR-02	12/03/04	647	242	23.4	1.4	1.4
BR-02	06/27/05	163	29	9.1	--	--
BR-02	12/03/05	114	23.1	9.08	--	--
BR-02	07/19/06	120	16.9	8.29	--	--
BR-02	12/08/06	113	31.1	11.3	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-03	11/18/00	440	99	1.2 J	2.2 J	--
BR-03	03/22/01	810	12 J	--	3.2 J	--
BR-03	06/15/01	500	20 J	--	--	--
BR-03	09/14/01	330	7.8 J	--	--	--
BR-03	12/13/01	780	7.6	--	2.2	--
BR-03	03/08/02	599	9.8	--	2.1	--
BR-03	06/07/02	854	19.7	--	2.8	--
BR-03	09/20/02	370	6.5	--	--	--
BR-03	12/07/02	821	13.5	--	--	--
BR-03	03/21/03	590	7.7	--	2	--
BR-03	06/12/03	632	25.3	1.9	3	--
BR-03	09/18/03	1,150	10.4	1.5	3.1	--
BR-03	12/12/03	--	--	--	--	--
BR-03	06/17/04	446	17.0	1.1	1.5	--
BR-03	12/03/04	60.6	27.0	--	1.0	--
BR-03	06/26/05	73.4	5.6	--	--	--
BR-03	12/02/05	5.57	21.0	--	--	--
BR-03	07/19/06	248	6.97	--	--	--
BR-03	12/08/06	29.7	27.3	--	--	--
BR-04	11/19/00	10,000	600	140	17 J	25 J
BR-04	03/24/01	9,000	400	95 J	--	--
BR-04	06/19/01	4,300	320	61 J	--	--
BR-04	09/17/01	5,000	420	100 J	--	--
BR-04	12/17/01	5,700	430	79.9	9	27.4
BR-04	03/12/02	5,750	384	77	8.1	23.4
BR-04	06/10/02	4,570	338	49	--	--
BR-04	09/23/02	3,310	551	63.1	8.3	32.2
BR-04	12/09/02	5,300	535	77.6	8.3	27.1
BR-04	03/23/03	4,630	473	52	6.8	14.8
BR-04	06/13/03	302	1,280	19.5	3.6	1.2
BR-04	09/21/03	2,540	560	61	5.4	32.2
BR-04	12/14/03	3,650	507	51.9	6.2	14.3
BR-04	06/19/04	102	1,420	45.8	6.4	3.0
BR-04	12/05/04	4,090	2,810	90.0	15.3	8.3
BR-04	06/28/05	6.6	937	22.5	1.6	1.2
BR-04	12/03/05	16.4	127	2.21	--	--
BR-04	07/20/06	3,940	6,410	147	21.3	12.9
BR-04	12/09/06	5.32	2,030	24.1	3.17	5.21

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-05	11/19/00	4,800	1,200	130	--	160
BR-05	03/25/01	5,800	850	120 J	--	160
BR-05	06/19/01	4,300	1,600	130	37 J	290
BR-05 (DUP)	06/19/01	3,700	1,500	--	--	270
BR-05	09/18/01	2,500	1,800	150	38 J	420
BR-05	12/18/01	3,420	2,480	153.5	41.5	290.5
BR-05	03/12/02	3,050	1,734	164	40.2	326
BR-05	06/10/02	4,470	118	23	25	176
BR-05	09/23/02	2,950	1,720	138	29.7	434
BR-05	12/09/02	3,140	2,240	170	49.1	390
BR-05	03/23/03	2,440	1,040	113	20	184
BR-05	06/13/03	56.8	216	15.3	1.9	38.7
BR-05	09/21/03	2,380	1,600	151	17.9	380
BR-05	12/14/03	1.2	3.7	--	--	--
BR-05	06/20/04	42.3	116	10.4	1.4	17.5
BR-05	12/05/04	1.7	12.8	--	--	2.1
BR-05	06/28/05	60.1	268	18.3	1.8	23.1
BR-05	12/03/05	1.45	6.33	--	--	--
BR-05	07/20/06	14.4	95.5	5.52	--	6.68
BR-05	12/09/06	1.25	4.51	--	--	--
BR-06	11/17/00	--	--	--	--	--
BR-06	03/22/01	--	--	--	--	--
BR-06	06/15/01	1.6 J	--	--	--	--
BR-06	09/12/01	--	--	--	--	--
BR-06	12/12/01	--	--	--	--	--
BR-06	03/09/02	--	--	--	--	--
BR-06	06/08/02	--	--	--	--	--
BR-06	09/21/02	--	--	--	--	--
BR-06	12/08/02	--	--	--	--	--
BR-06[1]	03/03	NS	NS	NS	NS	NS
BR-06[1]	06/03	NS	NS	NS	NS	NS
BR-06[1]	09/03	NS	NS	NS	NS	NS
BR-06[1]	12/09/03	--	--	--	--	--
BR-06[1]	06/04	NS	NS	NS	NS	NS
BR-06[1]	12/06/04	--	2.6	--	--	--
BR-06[1]	06/05	NS	NS	NS	NS	NS
BR-06[1]	12/06/05	--	--	--	--	--
BR-06[4]	07/06	NS	NS	NS	NS	NS
BR-06[4]	12/08/06	--	--	--	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-07	11/18/00	7.4	29	10	--	220
BR-07	03/23/01	3.4 J	34	13	--	210
BR-07	06/14/01	2.7 J	33	13	--	200
BR-07 (DUP)	06/14/01	2.2 J	34	12	--	200
BR-07	09/12/01	6.2	32	16	--	180
BR-07 (DUP)	09/12/01	5.0	31	14	--	180
BR-07	12/12/01	4.7	28.5	10.2	--	101
BR-07 (DUP)	12/12/01	4.6	29.3	10.3	--	104
BR-07	03/11/02	--	9	4.3	--	33.6
BR-07 (DUP)	03/11/02	--	8.8	4.4	--	33.7
BR-07	06/08/02	4.9	32.9	14.4	--	119
BR-07 (DUP)	06/08/02	4.4	31	--	--	110
BR-07	09/21/02	4	27.3	14.8	--	90.4
BR-07 (DUP)	09/21/02	2.8	28.5	15.2	--	89.5
BR-07	12/08/02	--	17.6	10.1	--	64.6
BR-07 (DUP)	12/08/02	--	17.8	10.4	--	65.9
BR-07	03/21/03	3.9	35.9	18	--	97.5
BR-07 (DUP)	03/21/03	3.9	36	18.8	--	102
BR-07	06/13/03	2.3	30.7	15.8	--	101
BR-07 (DUP)	06/13/03	2.2	31.9	16	--	99.1
BR-07	09/19/03	1.1	12.8	8.1	--	55.9
BR-07 (DUP)	09/19/03	--	15.4	9.5	--	66.3
BR-07	12/12/03	--	13.7	8.5	--	46
BR-07 (DUP)	12/12/03	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]
BR-07	06/18/04	--	3.4	1.0	--	6.2
BR-07 (DUP)	06/18/04	--	3.4	1.0	--	6.8
BR-07	12/04/04	--	4.6	3.0	--	12.4
BR-07 (DUP)	12/04/04	--	4.9	3.4	--	13.9
BR-07	06/28/05	--	3.0	2.5	--	7.3
BR-07 (DUP)	06/28/05	--	2.9	2.3	--	6.6
BR-07	12/03/05	--	6.01	4.72	--	15.6
BR-07 (DUP)	12/03/05	--	6.30	4.74	--	16.5
BR-07	07/19/06	--	4.54	3.79	--	11.2
BR-07 (DUP)	07/19/06	--	4.69	3.84	--	11.0
BR-07	12/08/06	6.37	38.0	23.6	--	98.1
BR-07 (DUP)	12/08/06	7.6	36.6	21.1	--	99.3

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-08 (Deep)	11/19/00	540	44	5.2 J	--	7.0 J
BR-08 (Deep)	03/24/01	1,100	320	6.7 J	--	--
BR-08 (Deep)	06/15/01	720	210	--	--	--
BR-08 (Deep)	09/13/01	830	250	--	--	--
BR-08 (Deep)	12/13/01	649	246	3	--	3.1
BR-08 (Deep)	03/08/02	621	242	3	--	4
BR-08 (Deep)	06/07/02	528	212	2.8	--	--
BR-08 (Deep)	09/20/02	463	220	2.8	--	--
BR-08 (Deep)	12/06/02	398	222	3.3	1.2	4.5
BR-08 (Deep)	03/20/03	256	150	--	--	--
BR-08 (Deep)	06/12/03	289	184	2.7	--	--
BR-08 (Deep)	09/18/03	322	242	8.7	--	--
BR-08 (Deep)	12/11/03	384	345	42	2.2	7.3
BR-08 (Deep)	06/17/04	106	188	18.7	--	2.9
BR-08 (Deep)	12/02/04	134	166	18.9	1.0	3.6
BR-08 (Deep)	06/27/05	50	126	14.7	--	3.4
BR-08 (Deep)	12/02/05	11.4	42.4	4.24	--	--
BR-08 (Deep)	07/19/06	12.5	80.2	--	--	2.90
BR-08 (Deep)	12/09/06	12.0	78.8	5.86	--	6.30
BR-09	11/18/00	13,000	190 J	--	--	--
BR-09	03/28/01	9,500	100 J	--	--	--
BR-09	06/19/01	1,500	36 J	--	--	--
BR-09	09/18/01	5,500	68 J	--	--	--
BR-09	12/18/01	6,000	60	2.9	--	--
BR-09	03/12/02	2,420	302	5.4	--	--
BR-09	06/10/02	6,530	--	--	--	--
BR-09	09/23/02	4,590	64.3	5.1	--	--
BR-09	12/09/02	9,030	95.3	7.3	1.3	--
BR-09	03/23/03	343	303	2.1	1	--
BR-09	06/13/03	57.5	14.9	--	--	--
BR-09	09/22/03	4,330	43.1	3.2	--	--
BR-09	12/15/03	1.7	199	1.5	--	--
BR-09	06/20/04	390	110	--	--	--
BR-09	12/05/04	16.4	6.7	--	--	--
BR-09	06/28/05	102	18.8	--	--	--
BR-09	12/06/05	--	19.4	--	--	--
BR-09	07/20/06	11.0	3.70	--	--	--
BR-09	12/09/06	1.39	--	--	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-10	11/18/00	4,000	450	27 J	--	--
BR-10	03/28/01	4,700	980	110 J	--	--
BR-10	06/18/01	8,500	1,000	--	--	--
BR-10	09/17/01	8,700	1,700	160 J	--	--
BR-10	12/16/01	5,350	1,200	82.8	3.4	5.6
BR-10	03/11/02	3,745	1,090	78.2	3.9	5.5
BR-10	06/09/02	5,100	1,290	64.6	4.7	5.3
BR-10	09/22/02	--	120	9.8	--	--
BR-10	12/09/02	3,060	750	60.1	2.3	--
BR-10	03/22/03	2,580	886	42.2	2.5	3.1
BR-10	06/13/03	2,950	1,080	61.7	3.2	5.1
BR-10	09/21/03	2,250	400	49.4	2	16.1
BR-10	12/13/03	1,420	442	36.4	1.4	8.8
BR-10	06/19/04	1,520	507	62.9	2.9	6.8
BR-10	12/04/04	1,270	436	41.2	1.8	5.0
BR-10	06/27/05	558	166	17.3	--	1.3
BR-10	12/03/05	474	122	11.1	--	--
BR-10	07/20/06	52.3	12.2	1.53	--	--
BR-10	12/08/06	28.2	15.0	1.26	--	--
BR-11	11/18/00	1,400	320	52	--	13 J
BR-11	03/28/01	44,000	260	120	21	--
BR-11 (DUP)	03/28/01	52,000	270	120	19 J	21
BR-11	06/20/01	39,000	660 J	--	--	--
BR-11	09/18/01	60,000	--	--	--	--
BR-11	12/18/01	140	339	108	2	35.4
BR-11	03/13/02	33,300	370	106	10.9	28.1
BR-11	06/10/02	874	52	--	--	32
BR-11	09/24/02	37,200	440	82.4	12.2	18
BR-11	12/09/02	34,100	1,650	80.1	25.8	31.1
BR-11	03/24/03	26,600	338	--	8.1	25.7
BR-11	06/13/03	5,890	313	52.6	3	23.8
BR-11	09/22/03	22,700	400	65.7	7.7	28.3
BR-11	12/15/03	17.6	320	60.2	1.9	39
BR-11	06/20/04	181	238	49.7	2.2	20.8
BR-11	12/06/04	2.7	190	33.0	--	15.1
BR-11	06/28/05	392	267	20.4	1.3	3.0
BR-11	12/06/05	8.75	7.97	--	--	--
BR-11	07/20/06	16.7	255	47.2	1.28	7.43
BR-11	12/09/06	5.81	185	35.7	1.19	7.63
BR-11 (DUP)	12/09/06	8.66	200	40.4	1.46	9.82

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-12	11/19/00	200	8.1	--	--	--
BR-12	03/25/01	130	21	--	--	--
BR-12	06/17/01	99	26	--	--	--
BR-12	09/15/01	27	37	2.1 J	--	--
BR-12	12/16/01	--	3	--	--	--
BR-12	03/11/02	7.4	15.3	--	--	--
BR-12	06/09/02	17.4	9.6	--	--	--
BR-12	09/22/02	3.5	23.8	--	--	--
BR-12	12/08/02	--	28.6	--	--	--
BR-12	03/22/03	--	27.5	--	--	--
BR-12	06/13/03	--	18.3	--	--	--
BR-12	09/20/03	--	20.6	--	--	--
BR-12	12/12/03	--	2.2	--	--	--
BR-12	06/18/04	1.3	6.1	--	--	--
BR-12	12/04/04	1.0	5.1	--	--	--
BR-12	06/26/05	--	6.4	--	--	--
BR-12[4]	07/06	NS	NS	NS	NS	NS
BR-12[4]	12/06	NS	NS	NS	NS	NS
BR-13	11/19/00	2.5 J	--	--	--	--
BR-13	03/25/01	3,200 J	150	14	1.7 J	1 J
BR-13	06/18/01	3,100	160	--	--	--
BR-13	09/16/01	2,600	160	--	--	--
BR-13	12/16/01	156	14.6	--	--	--
BR-13	03/11/02	132	23.7	--	--	--
BR-13	06/09/02	1,980	558	11.2	4.2	3.4
BR-13	09/22/02	3,240	800	22	6	5.1
BR-13	12/08/02	2.8	--	--	--	--
BR-13	03/22/03	--	--	--	--	--
BR-13	06/13/03	61.2	81	2.3	1	2.2
BR-13	09/20/03	3	8.5	--	--	--
BR-13	12/13/03	--	--	--	--	--
BR-13	06/19/04	--	--	--	--	--
BR-13	12/04/04	--	--	--	--	--
BR-13	06/28/05	--	--	--	--	--
BR-13	12/03/05	--	--	--	--	--
BR-13[4]	07/06	NS	NS	NS	NS	NS
BR-13[4]	12/06	NS	NS	NS	NS	NS

See notes at end of table.

Table B-2 (Continued)
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-14 (Deep)	11/19/00	--	1.2 J	--	--	--
BR-14 (Deep)	03/23/01	1.2 J	--	--	--	--
BR-14 (Deep)	06/16/01	--	--	--	--	--
BR-14 (Deep)	09/13/01	--	--	--	--	--
BR-14 (Deep)	12/14/01	2.2	--	--	--	--
BR-14 (Deep)	03/09/02	--	--	--	--	--
BR-14 (Deep)	06/08/02	--	--	--	--	--
BR-14 (Deep)	09/20/02	--	--	--	--	--
BR-14 (Deep)	12/07/02	--	--	--	--	--
BR-14 (Deep)	03/21/03	--	--	--	--	--
BR-14 (Deep)	06/12/03	--	--	--	--	--
BR-14 (Deep)	09/19/03	--	--	--	--	--
BR-14 (Deep)	12/12/03	148	17.6	--	--	--
BR-14 (Deep)	06/18/04	--	--	--	--	--
BR-14 (Deep)	12/03/04	--	--	--	--	--
BR-14 (Deep)	06/26/05	--	--	--	--	--
BR-14 (Deep)	12/02/05	--	--	--	--	--
BR-14 (Deep)[4]	07/06	NS	NS	NS	NS	NS
BR-14 (Deep)[4]	12/06	NS	NS	NS	NS	NS
BR-15	11/19/00	2,700	54 J	--	--	--
BR-15 (DUP)	11/19/00	2,700	49 J	--	--	--
BR-15	03/26/01	2,500	33 J	--	--	--
BR-15	06/18/01	2,300	49 J	--	--	--
BR-15	09/16/01	4,800	110 J	--	--	--
BR-15	12/16/01	6,590	189	28.2	2	1.1
BR-15	03/11/02	5,500	172	36.6	2.2	--
BR-15	06/09/02	5,800	373	36.9	4.6	3.8
BR-15	09/22/02	4,390	555	40.3	7.5	5.4
BR-15	12/08/02	4,740	177	43.6	2.8	--
BR-15	03/22/03	2,500	404	21.9	4.3	1.2
BR-15	06/13/03	1,180	1,390	24.8	8.4	3.9
BR-15	09/21/03	1,230	580	35.3	6.9	8.3
BR-15	12/13/03	2,000	194	24.9	2.8	--
BR-15	06/19/04	512	556	18.0	12.8	199
BR-15	12/04/04	664	136	5.4	1.3	--
BR-15	06/26/05	1,080	167	4.4	--	--
BR-15	12/03/05	760	117	2.36	--	--
BR-15	07/20/06	1,200	336	13.0	1.78	--
BR-15	12/10/06	390	138	3.30	1.20	1.44

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-16	11/19/00	6.0	3.8 J	--	--	--
BR-16	03/25/01	1.2 J	--	--	--	--
BR-16	06/17/01	--	--	--	--	--
BR-16	09/15/01	--	--	--	--	--
BR-16	12/16/01	--	--	--	--	--
BR-16	03/10/02	--	--	--	--	--
BR-16	06/09/02	--	--	--	--	--
BR-16	09/21/02	--	--	--	--	--
BR-16	12/08/02	--	--	--	--	--
BR-16[2]	03/03	NS	NS	NS	NS	NS
BR-16[2]	06/03	NS	NS	NS	NS	NS
BR-16[2]	09/03	NS	NS	NS	NS	NS
BR-16[2]	12/03	NS	NS	NS	NS	NS
BR-16[2]	06/04	NS	NS	NS	NS	NS
BR-16[2]	12/04	NS	NS	NS	NS	NS
BR-16[2]	06/05	NS	NS	NS	NS	NS
BR-16[2]	12/05	NS	NS	NS	NS	NS
BR-16[2]	07/06	NS	NS	NS	NS	NS
BR-16[2]	12/06	NS	NS	NS	NS	NS
BR-17	11/18/00	840	160	84	3.6 J	--
BR-17	03/24/01	6,900	360	93	9.4 J	52
BR-17	06/15/01	5,200	260	68 J	--	46
BR-17	09/13/01	4,100	220	60 J	--	57 J
BR-17	12/13/01	3,840	248	44	4.7	33.4
BR-17	03/08/02	2,600	208	56.5	5.1	57
BR-17	06/07/02	4,540	198	49.8	5	45.9
BR-17	09/20/02	2,740	210	36.8	5.2	24.5
BR-17	12/06/02	186	204	65.2	5.2	63.2
BR-17	03/20/03	2,020	159	41	3.3	36.3
BR-17	06/12/03	3,320	199	44	2.5	43.7
BR-17	09/18/03	3,200	173	39.2	3.1	77.8
BR-17	12/11/03	5,360	216	49.9	3.9	66.7
BR-17	06/17/04	3,140	279	44.0	--	52.0
BR-17	12/02/04	4,550	463	56.1	12.7	52.3
BR-17	06/28/05	4.6	9.2	1.5	--	--
BR-17	12/02/05	5.01	1.24	--	--	--
BR-17	07/20/06	9.38	270	56.8	1.50	2.75
BR-17	12/10/06	13.6	325	57.4	2.10	2.48

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2006 Sampling Events

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

[1] Sampled annually beginning in December 2003 based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).

[2] Not sampled based on based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).

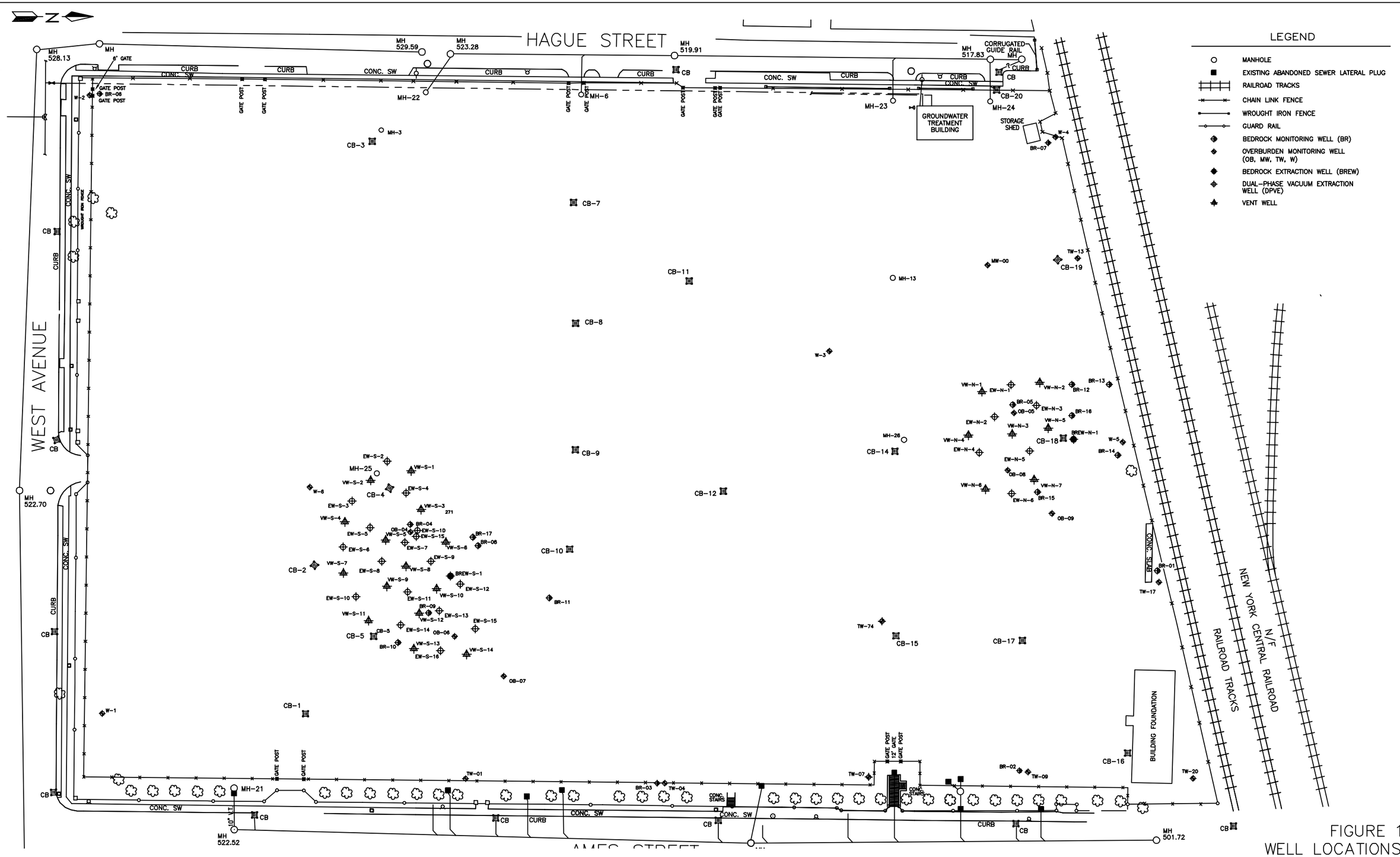
[3] Laboratory problem resulted in sample exceeding hold time.

[4] Not sampled based on based on recommendations made in the *2005 Annual Progress Report and Remedial Progress Evaluation* (MACTEC, 2006a).

Notes: -- = no detections
µg/L = micrograms per liter
1,1-DCE = 1,1-dichloroethylene
cis-1,2-DCE = cis-1,2-dichloroethylene
DUP = duplicate
ID = identification
J = estimated value
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by J. Deatherage on 1-11-06

Checked by T. Williams on 2-2-06



LEGEND

- MANHOLE
- EXISTING ABANDONED SEWER LATERAL PLUG
- RAILROAD TRACKS
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- GUARD RAIL
- BEDROCK MONITORING WELL (BR)
- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK EXTRACTION WELL (BREW)
- DUAL-PHASE VACUUM EXTRACTION WELL (DPVE)
- VENT WELL

NOTE:
THE AREA IS COVERED WITH BITUMINOUS PAVEMENT INSIDE FENCED AREA.

FIGURE 1
WELL LOCATIONS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/16/07 | CHECKED BY: DEATHERAGE | DATE: 01/16/07

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P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\C51870EP15A FIGURE 2 2006 DATA.DWG | PREPARED BY: R. EVERENCE | DATE: 02/09/07 | CHECKED BY: J. DEATHERAGE | DATE: 02/09/07

FIGURE 2
VOCs IN OVERBURDEN MONITORING WELLS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

LEGEND

- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK MONITORING WELL (BR)
- DCE DICHLOROETHENE
- PCE TETRACHLOROETHENE (PERCHLOROETHENE)
- TCE TRICHLOROETHENE
- J ESTIMATED VALUE
- U NON DETECT
- NS NON SAMPLED

NOTE: OCT 00/NOV 00 REPRESENTS THE BASELINE (PREREMEDIATION) SAMPLING EVENT.

0 20' 40' 80'
SCALE: 1"=80'

HAGUE STREET

WEST AVENUE

AMES STREET

CORRUGATED GUIDE RAIL

BRICK BUILDING

STEEL COVER

GROUNDWATER TREATMENT BUILDING

STORAGE SHED

N/F NEW YORK CENTRAL RAILROAD TRACKS

DAVENPORT MACHINE

BUILDING FOUNDATION

CONC. STAIRS

STAIRS

RESIDENCE

MONTH SAMPLED

SAMPLE LOCATION

Site ID: W-2 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	1 U	NS	NS
TCE	5.0 U	NS	1 U	NS	NS
cis-1,2-DCE	5.0 U	NS	1 U	NS	NS
trans-1,2-DCE	5.0 U	NS	1 U	NS	NS
1,1-DCE	5.0 U	NS	1 U	NS	NS
Vinyl Chloride	1.0 U	NS	1 U	NS	NS

Site ID: W-6 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	5.0 U	1 U	1 U	NS	NS
cis-1,2-DCE	5.0 U	1 U	1.76	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: OB-06 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	2600	37.1	117	60.5	87.8
cis-1,2-DCE	60	1.8	4.71	2.59	2.69
trans-1,2-DCE	50 U	1 U	1 U	1 U	1 U
1,1-DCE	50 U	1 U	1 U	1 U	1 U
Vinyl Chloride	10 U	1 U	1 U	1 U	1 U

Site ID: OB-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	2500 U	1 U	1 U	1 U	1 U
TCE	70000	367	385	252	1920
cis-1,2-DCE	2900	141	139	153	892
trans-1,2-DCE	2500 U	2.4	1.14	1.56	1 U
1,1-DCE	2500 U	1 U	1 U	1 U	1 U
Vinyl Chloride	500 U	1 U	1 U	1 U	1.19

Site ID: OB-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	54 U	11.1	10.2	9.9	12.0
cis-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-01 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: TW-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	42	9.2	31.4	27.9	8.99
cis-1,2-DCE	79	1.7	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-13 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: W-5 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	58 U	381	1,100	212	263
cis-1,2-DCE	27	98.2	76.9	104	122
trans-1,2-DCE	11	3.7	2.13	2.34	2.89
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	3.63	7.14

Site ID: OB-05 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	500 U	1 U	1 U	1 U	1 U
TCE	25000	155	81.3	69.9	133
cis-1,2-DCE	4600	1.70	1.12	1 U	1.31
trans-1,2-DCE	500 U	1 U	1 U	1 U	1 U
1,1-DCE	500 U	1 U	1 U	1 U	1 U
Vinyl Chloride	350 J	1 U	1 U	1 U	1 U

Site ID: OB-08 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	1000 U	1.3	2.12	2.13	1 U
TCE	40000	570	797	890	73.7
cis-1,2-DCE	390 J	3.3	6.25	7.85	1550
trans-1,2-DCE	1000 U	1 U	2.17	3.91	10.7
1,1-DCE	1000 U	1 U	1 U	1 U	1 U
Vinyl Chloride	200 U	1 U	1 U	1 U	1 U

Site ID: OB-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	41.5	69.0	60.4	115
cis-1,2-DCE	14	1 U	2.32	2.26	5.17
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	28	8.5	13.3	17.6	2.09
cis-1,2-DCE	7.2	7.7	5.44	18.3	1 U
trans-1,2-DCE	28	3.5	4.42	5.56	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-17 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	25 U	1 U	1 U	1 U	1 U
TCE	1000	340	397	410	246
cis-1,2-DCE	7.9 J	1.0	1.35	2.04	7.47
trans-1,2-DCE	25 U	1 U	1 U	1 U	1 U
1,1-DCE	25 U	1 U	1 U	1 U	1 U
Vinyl Chloride	5.0 U	1 U	1 U	1 U	1 U

Site ID: W-4 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC06
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	5.0 U	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: TW-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	230	48.2	45.0	56.7	34.3
cis-1,2-DCE	36	1.7	1.48	1.35	2.60
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: TW-20 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	5.2	1.5	6.32	12.0	13.2
cis-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
trans-1,2-DCE	5.0 U	1 U	1 U	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: OB-05 (units: ug/L)

Analyte	BASELINE	MAR 01	JUN 01
PCE	500 U	NS	NS (DRY)
TCE	25000	NS	NS (DRY)
cis-1,2-DCE	4600	NS	NS (DRY)
trans-1,2-DCE	500 U	NS	NS (DRY)
1,1-DCE	500 U	NS	NS (DRY)
Vinyl Chloride	350 J	NS	NS (DRY)

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PREPARED BY: R. EVERENCE | DATE: 01/22/07 | CHECKED BY: J. DEATHERAGE | DATE: 01/22/07

HAGUE STREET

WEST AVENUE

AMES STREET

CONC. SW | CURB | GATE POST | CORRUGATED GUIDE RAIL | BRICK BUILDING | STEEL COVER | GROUNDWATER TREATMENT BUILDING | STORAGE SHED | BUILDING FOUNDATION | CONC. STAIRS | STAIRS | RESIDENCE | DAVENPORT MACHINE | NEW YORK CENTRAL RAILROAD N/F | RAILROAD TRACKS

LEGEND

- OVERBURDEN MONITORING WELL (OB, MW, TW, W)
- BEDROCK MONITORING WELL (BR)

DCE DICHLOROETHENE
PCE TETRACHLOROETHENE (PERCHLOROETHENE)
TCE TRICHLOROETHENE
J ESTIMATED VALUE
U NON DETECT
NS NOT SAMPLED

NOTE: OCT 00/NOV 00 REPRESENTS THE BASELINE (PREREMEDIATION) SAMPLING EVENT.

MONTH SAMPLED
SAMPLE LOCATION

Site ID: BR-06 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	1 U	NS	1 U
TCE	5.0 U	NS	1 U	NS	1 U
cis-1,2-DCE	5.0 U	NS	1 U	NS	1 U
trans-1,2-DCE	5.0 U	NS	1 U	NS	1 U
1,1-DCE	5.0 U	NS	1 U	NS	1 U
Vinyl Chloride	1.0 U	NS	1 U	NS	1 U

Site ID: BR-07 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	7.4	1 U	1 U	1 U	6.37
cis-1,2-DCE	29	3	6.01	4.54	38.0
trans-1,2-DCE	10	2.5	4.72	3.79	23.6
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	220	7.3	15.6	11.2	98.1

Site ID: BR-12 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	200	1 U	1 U	NS	NS
cis-1,2-DCE	8.1	6.4	7.33	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-13 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	2.5 J	1 U	1 U	NS	NS
cis-1,2-DCE	5.0 U	1 U	1 U	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-17 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	10 U	1 U	1 U	1 U	1 U
TCE	840	4.6	5.01	9.36	13.6
cis-1,2-DCE	160	9.2	1.24	270	325
trans-1,2-DCE	84	1.5	1 U	56.8	57.4
1,1-DCE	3.6 J	1 U	1 U	1.5	2.10
Vinyl Chloride	2.0 U	1 U	1 U	2.75	2.48

Site ID: BR-16 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	NS	NS	NS	NS
TCE	6.0	NS	NS	NS	NS
cis-1,2-DCE	3.8 J	NS	NS	NS	NS
trans-1,2-DCE	5.0 U	NS	NS	NS	NS
1,1-DCE	5.0 U	NS	NS	NS	NS
Vinyl Chloride	1.0 U	NS	NS	NS	NS

Site ID: BR-04 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	10000	6.6	16.4	3940	5.32
cis-1,2-DCE	600	937	127	6410	2030
trans-1,2-DCE	140	22.5	2.21	147	24.1
1,1-DCE	17 J	1.6	1U	21.3	3.17
Vinyl Chloride	25 J	1.2	1U	12.9	5.21

Site ID: BR-08 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	25 U	1 U	1 U	1 U	1 U
TCE	540	50	11.4	12.5	12.0
cis-1,2-DCE	44	126	42.4	80.2	78.8
trans-1,2-DCE	5.2 J	14.7	4.24	1 U	5.86
1,1-DCE	25 U	1 U	1 U	1 U	1 U
Vinyl Chloride	7.0 J	3.4	1 U	2.90	6.30

Site ID: BR-05 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	4800	60.1	1.45	14.4	1.25
cis-1,2-DCE	1200	268	6.33	95.5	4.51
trans-1,2-DCE	130	18.3	1 U	5.52	1 U
1,1-DCE	50 U	1.8	1 U	1 U	1 U
Vinyl Chloride	160	23.1	1 U	6.68	1 U

Site ID: BR-14 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	NS	NS
TCE	5.0 U	1 U	1 U	NS	NS
cis-1,2-DCE	1.2 J	1 U	1 U	NS	NS
trans-1,2-DCE	5.0 U	1 U	1 U	NS	NS
1,1-DCE	5.0 U	1 U	1 U	NS	NS
Vinyl Chloride	1.0 U	1 U	1 U	NS	NS

Site ID: BR-09 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	250 U	1 U	1 U	1 U	1 U
TCE	13000	102	1 U	11.0	1.39
cis-1,2-DCE	190 J	18.8	19.4	3.70	1 U
trans-1,2-DCE	250 U	1 U	1 U	1 U	1 U
1,1-DCE	250 U	1 U	1 U	1 U	1 U
Vinyl Chloride	50 U	1 U	1 U	1 U	1 U

Site ID: BR-11 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1 U
TCE	1400	392	8.75	16.7	5.81
cis-1,2-DCE	320	267	7.97	255	185
trans-1,2-DCE	52	20.4	1 U	47.2	35.7
1,1-DCE	50 U	1.3	1 U	1.28	1.19
Vinyl Chloride	13 J	3.0	1 U	7.43	7.63

Site ID: BR-15 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	100 U	1 U	1 U	1 U	1 U
TCE	2700	1080	760	1200	390
cis-1,2-DCE	54 J	167	117	336	138
trans-1,2-DCE	100 U	4.4	2.36	13.0	3.30
1,1-DCE	100 U	1 U	1 U	1.78	1.20
Vinyl Chloride	20 U	1 U	1 U	1 U	1.44

Site ID: BR-10 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	100 U	1.3	1.62	1 U	1 U
TCE	4000	558	474	52.3	28.2
cis-1,2-DCE	450	166	122	12.3	15.0
trans-1,2-DCE	27 J	17.3	11.1	1.53	1.26
1,1-DCE	100 U	1 U	1 U	1 U	1 U
Vinyl Chloride	20 U	1.3	1 U	1 U	1 U

Site ID: BR-03 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	440	73.4	5.57	248	29.7
cis-1,2-DCE	99	5.6	21.0	6.97	27.3
trans-1,2-DCE	1.2 J	1 U	1 U	1 U	1 U
1,1-DCE	2.2 J	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

Site ID: BR-02 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	50 U	1 U	1 U	1 U	1.32
TCE	1800	163	114	120	113
cis-1,2-DCE	540	29	23.1	16.9	31.1
trans-1,2-DCE	31 J	9.1	9.08	8.29	11.3
1,1-DCE	50 U	1 U	1 U	1 U	1 U
Vinyl Chloride	10 U	1 U	1 U	1 U	1 U

Site ID: BR-01 (units: ug/L)

Analyte	BASELINE	JUN 05	DEC 05	JUL 06	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	199	1.12	1 U	1 U
cis-1,2-DCE	550	6.5	36.2	3.09	3.73
trans-1,2-DCE	4.3 J	1.0	1.10	1 U	1 U
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	3.5 J	1 U	1 U	1 U	1 U

Site ID: BR-06 (units: ug/L)

Analyte	BASELINE	MAR 01	JUN 01
PCE	5.0 U	5.0 U	5U
TCE	5.0 U	5.0 U	1.6 J
cis-1,2-DCE	5.0 U	5.0 U	5U
trans-1,2-DCE	5.0 U	5.0 U	5U
1,1-DCE	5.0 U	5.0 U	5U
Vinyl Chloride	1.0 U	1.0 U	1U

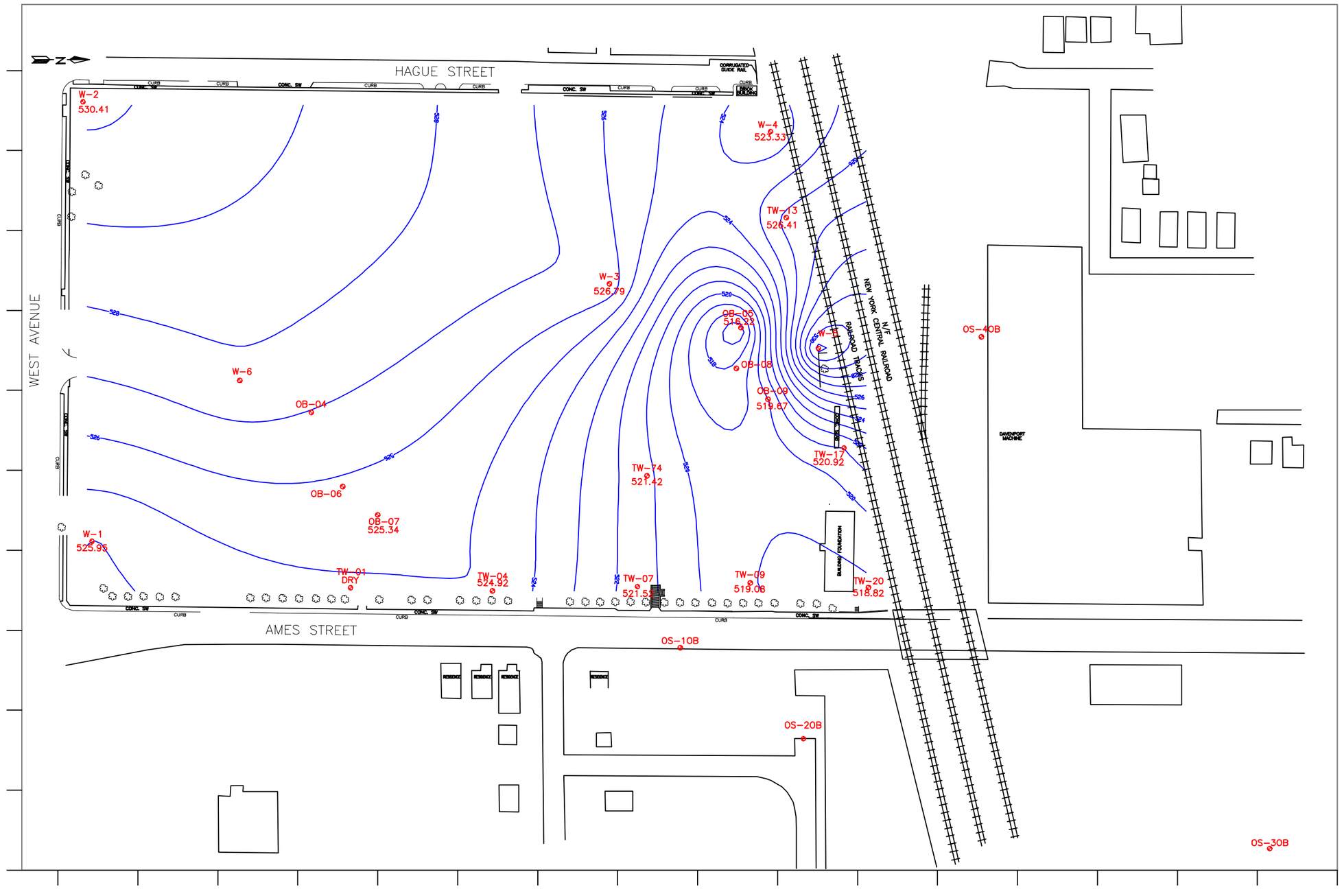
0 20' 40' 80'
SCALE: 1"=80'

FIGURE 3
VOCs IN BEDROCK MONITORING WELLS
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE 01/22/07 | CHECKED BY: J. DEATHERAGE 01/22/07

P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\3031052006 MAY 2006 pre-shut OB pot map FIG 4.dwg Wed, 21 Feb 2007 - 9:05am reverenc



LEGEND

—520—	CONTOUR LINE, 1' INTERVAL
OB-07	WELL ID
⊙	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
524.60	WATER LEVEL ELEVATION (feet)

0 32.5' 65' 130'

SCALE: 1"=130'

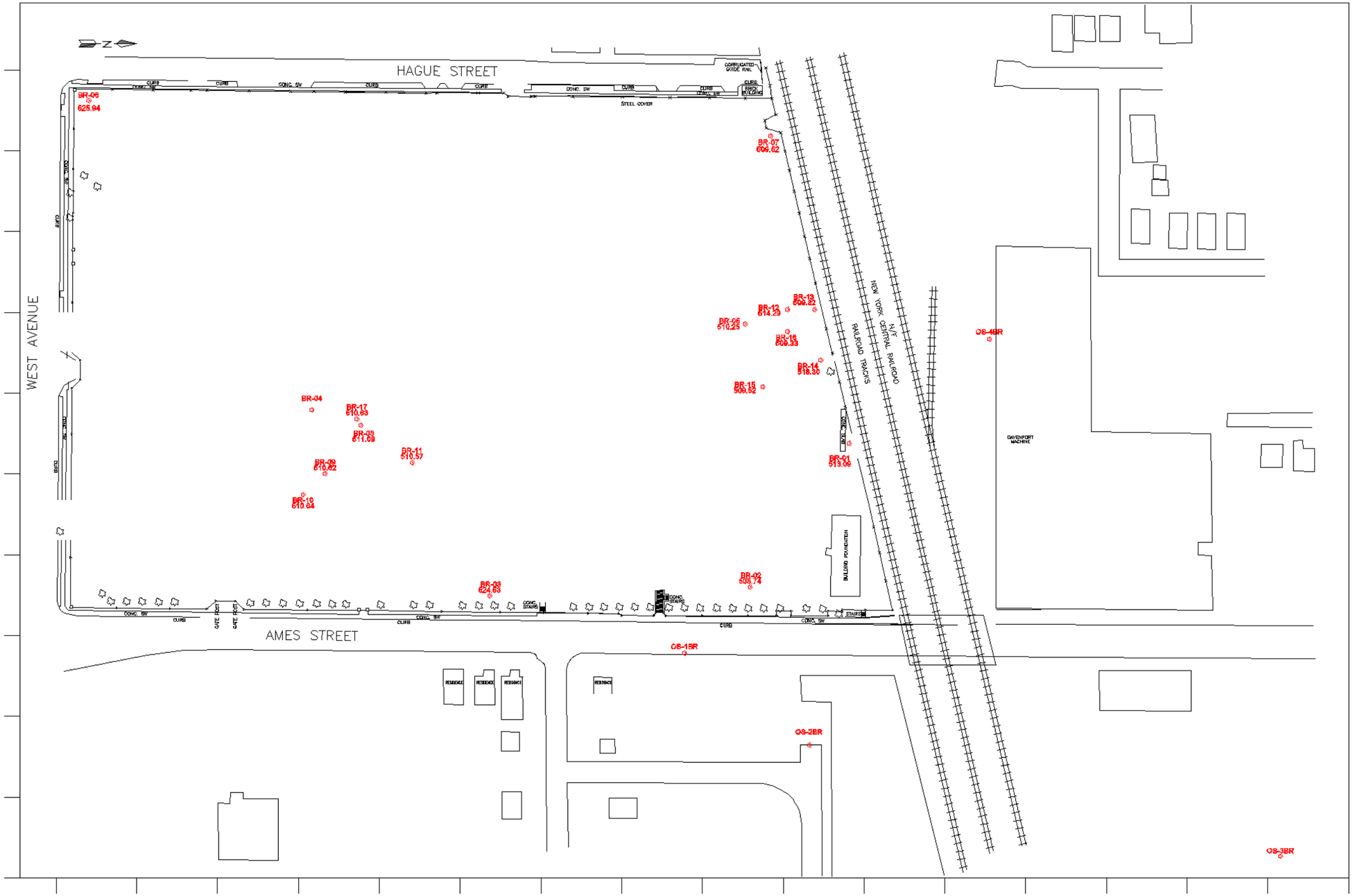
NOTE: DATA FOR MONITOR OS-10B, OS-20B, OS-30B, AND OS-40B WAS NOT AVAILABLE.

FIGURE 4
OVERBURDEN POTENTIOMETRIC SURFACE MAP
MAY 2006 PRE-SHUTDOWN
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 02/01/05 | CHECKED BY: J. DEATHERAGE | DATE: 02/01/05

P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\may 2006 pre-shut BR pot map.dwg Wed, 21 Feb 2007 - 9:08am reverenc



LEGEND

BR-01	WELL ID
◑	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
513.87	WATER LEVEL ELEVATION (feet)

0 32.5' 65' 130'

SCALE: 1"=130'

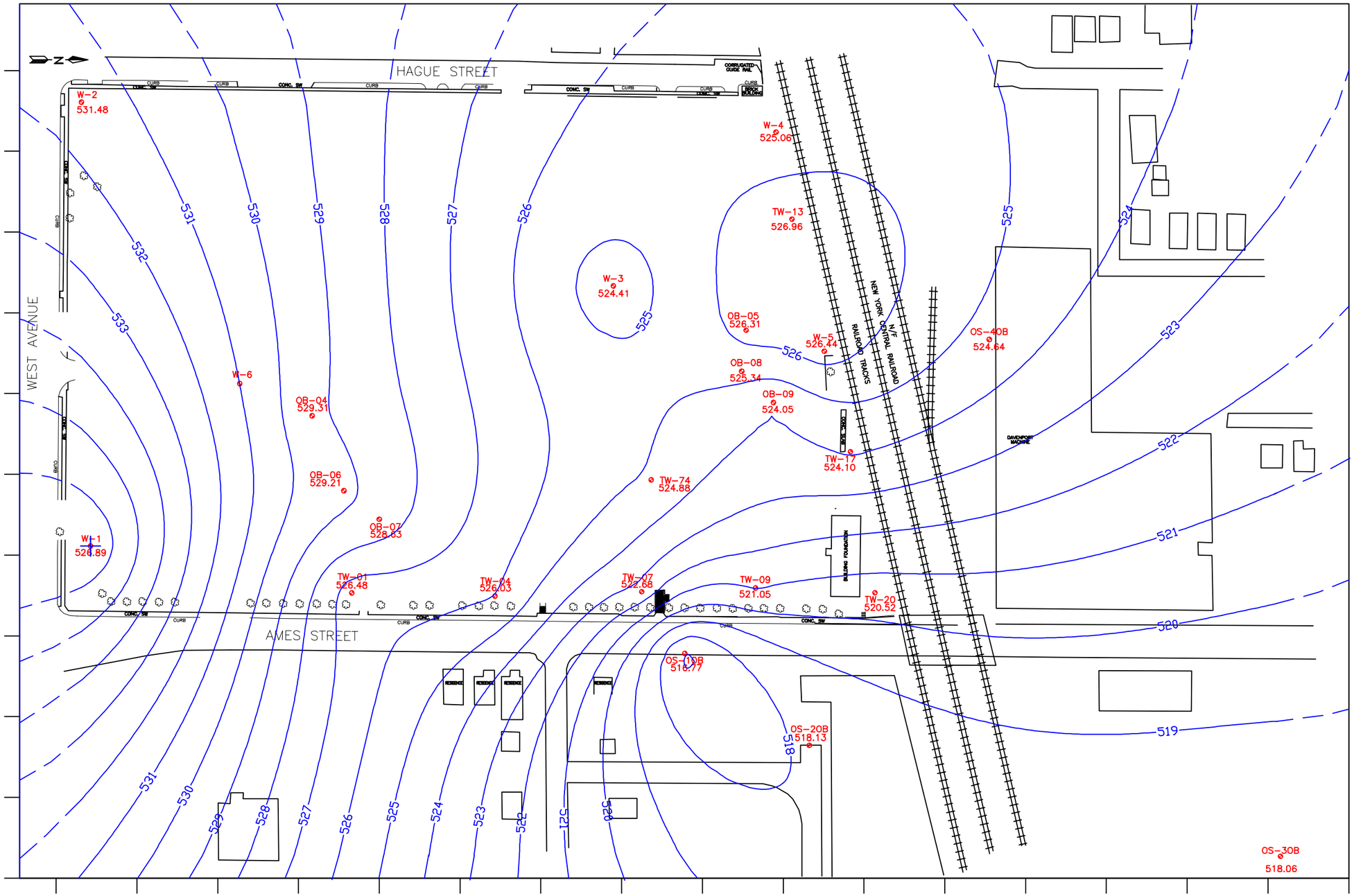
NOTE: DATA FOR MONITOR OS-1BR, OS-2BR, OS-3BR, AND OS-4BR NOT AVAILABLE.

FIGURE 5
BEDROCK GROUNDWATER ELEVATIONS
MAY 2006 PRE-SHUTDOWN
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/25/06 | CHECKED BY: J. DEATHERAGE | DATE: 01/25/06

P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\JUL 2006 pre-shut OB pot map FIG 6.dwg Wed, 21 Feb 2007 - 9:10am reverenc



LEGEND

518	CONTOUR LINE, 1' INTERVAL
OB-07	WELL ID
⊙	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
528.08	WATER LEVEL ELEVATION (feet)

0 32.5' 65' 130'

SCALE: 1"=130'

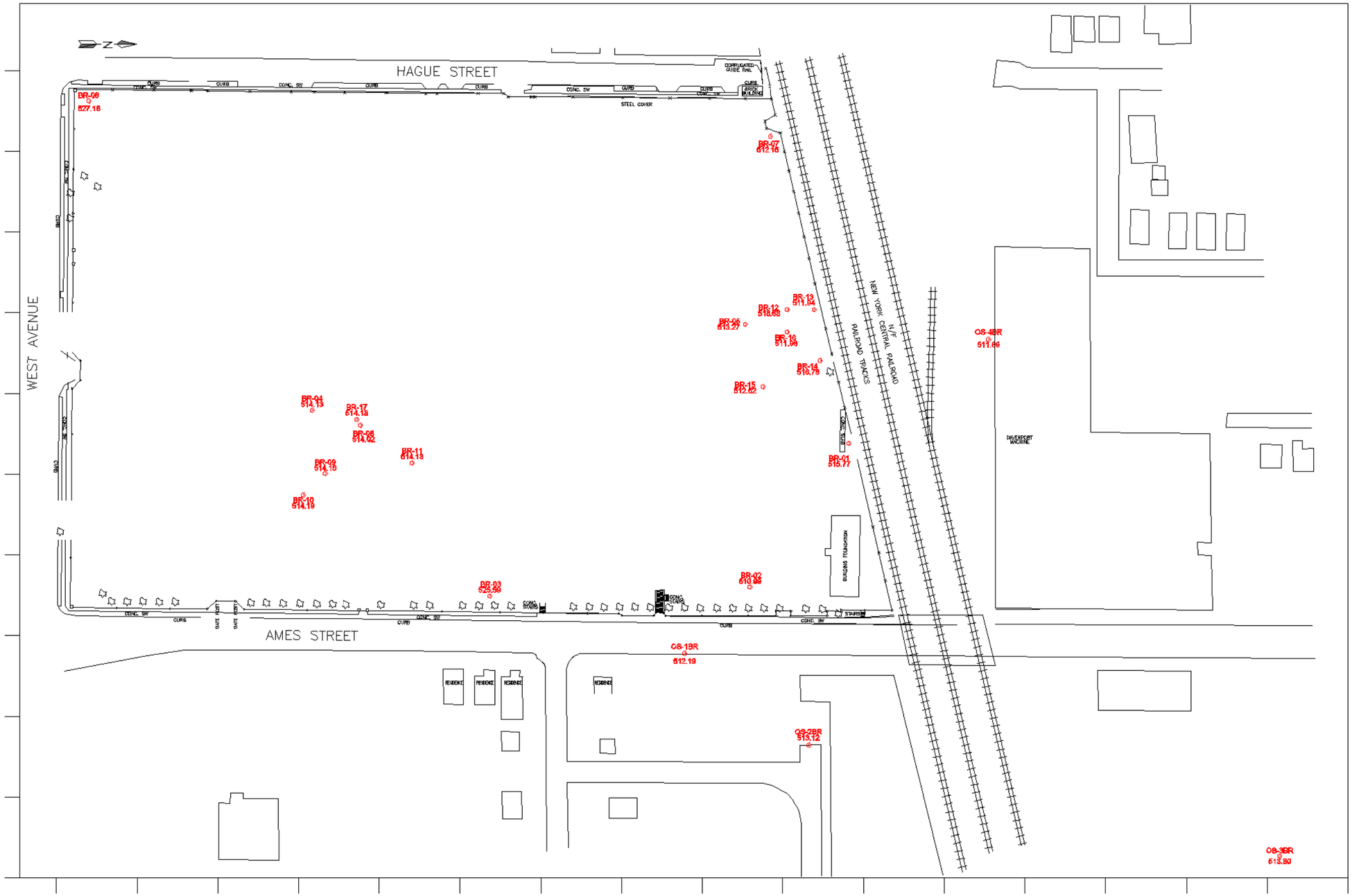
NOTE: DATA FOR MONITOR OS-1OB, OS-2OB, OS-3OB, AND OS-4OB WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON JULY 18, 2006.

FIGURE 6
OVERBURDEN POTENTIOMETRIC SURFACE MAP
JULY 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/22/07 | CHECKED BY: J. DEATHERAGE | DATE: 01/22/07

P:\ZCADD\Centerpoint office projects\3031052006 - Rochester\July 2006 sample event.dwg Wed, 21 Feb 2007 - 9:12am reverenc



LEGEND

BR-01	WELL ID
◑	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
513.87	WATER LEVEL ELEVATION (feet)

0 32.5' 65' 130'

SCALE: 1"=130'

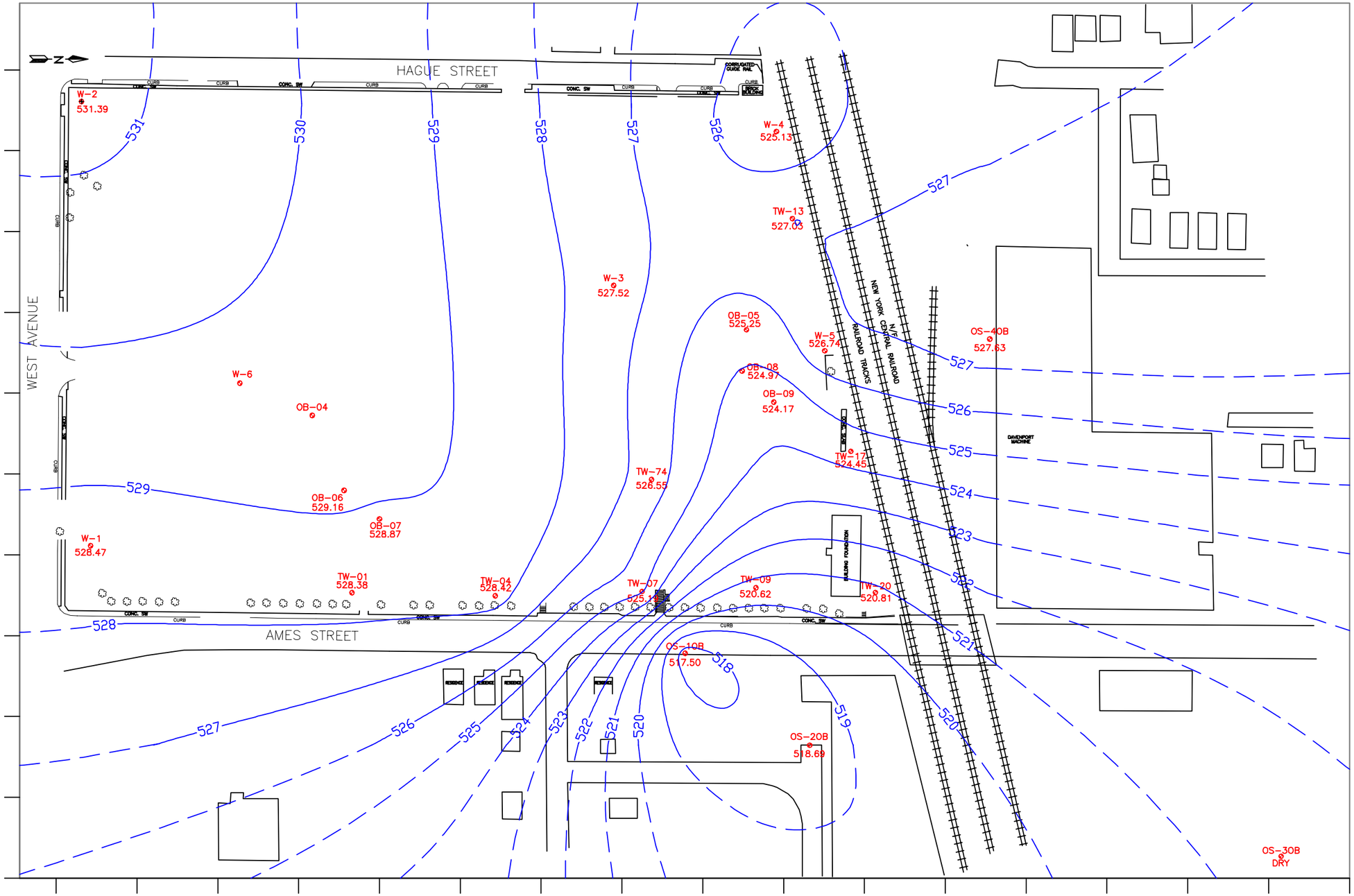
NOTE: DATA FOR MONITOR OS-1BR, OS-2BR, OS-3BR, AND OS-4BR WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON JULY 18, 2006.

FIGURE 7
BEDROCK GROUNDWATER ELEVATIONS
JULY 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE 02/19/07 | CHECKED BY: J. DEATHERAGE 02/19/07

P:\ZCADD\Centerpoint office projects\30310520006 - Rochester\30310520006_FIGB ob pot map dec 2006 2.dwg Wed, 21 Feb 2007 - 9:16am reverenc



LEGEND

- 520 — CONTOUR LINE, 1' INTERVAL
- OB-07 — WELL ID
- ⊙ — MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
- 524.60 — WATER LEVEL ELEVATION (feet)

NOTE: DATA FOR MONITOR OS-10B, OS-20B, OS-30B, AND OS-40B WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON JULY 18, 2006.

0' 20' 40' 80'

SCALE: 1"=80'

FIGURE 8
OVERBURDEN POTENTIOMETRIC SURFACE MAP
DECEMBER 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: R. EVERENCE | DATE: 01/22/07 | CHECKED BY: J. DEATHERAGE | DATE: 01/22/07

P:\ZCADD\Centerpoint office projects\30310520006 - Rochester\dec 2006 sample event fig 9.dwg Wed, 21 Feb 2007 - 9:18am reverenc

HAGUE STREET

WEST AVENUE

AMES STREET

NEW YORK CENTRAL RAILROAD
N/F CENTRAL RAILROAD
RAILROAD TRACKS

BUILDING FOUNDATION

DAVENPORT MACHINE

BR-06
627.16

BR-07
611.93

BR-12
613.64

BR-13
610.72

BR-05
613.14

BR-10
611.75

BR-14
610.76

BR-15
612.26

BR-01
618.38

BR-04
614.09

BR-17
614.14

BR-16
614.18

BR-11
613.81

BR-09
614.08

BR-18
614.11

BR-03
627.88

BR-02
611.20

OS-4BR
611.99

OS-1BR
612.32

OS-2BR
613.02

OS-3BR
614.68

0 32.5' 65' 130'

SCALE: 1"=130'

LEGEND

BR-01	WELL ID
◑	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
513.87	WATER LEVEL ELEVATION (feet)

NOTE: DATA FOR MONITOR OS-1BR, OS-2BR, OS-3BR, AND OS-4BR WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON NOVEMBER 30, 2006.

FIGURE 9
BEDROCK GROUNDWATER ELEVATIONS
DECEMBER 2006 SAMPLING EVENT
ANNUAL REPORT 2006
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

Figure 10
Average Groundwater Flowrates

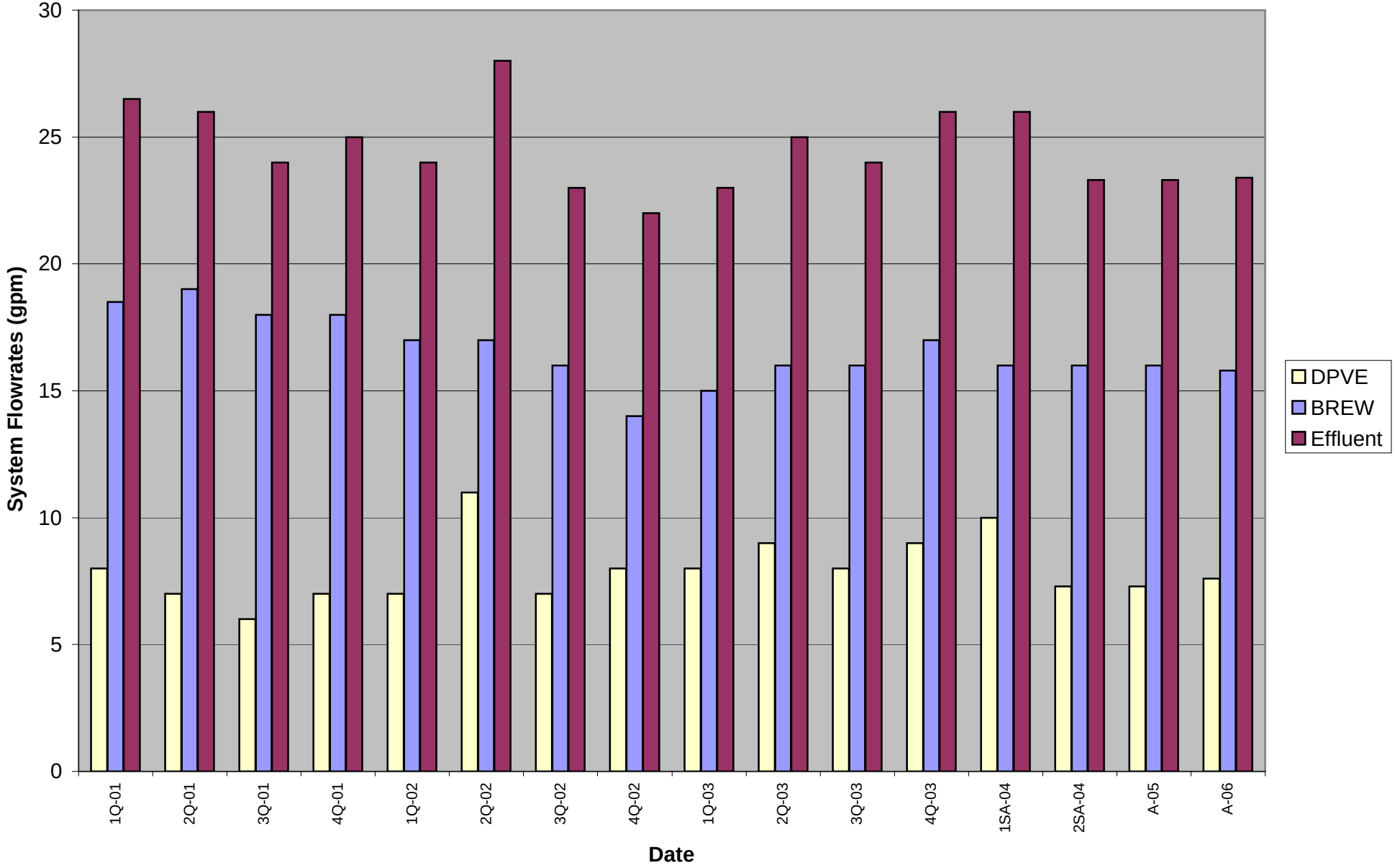


Figure 11
TCE Mass Removed

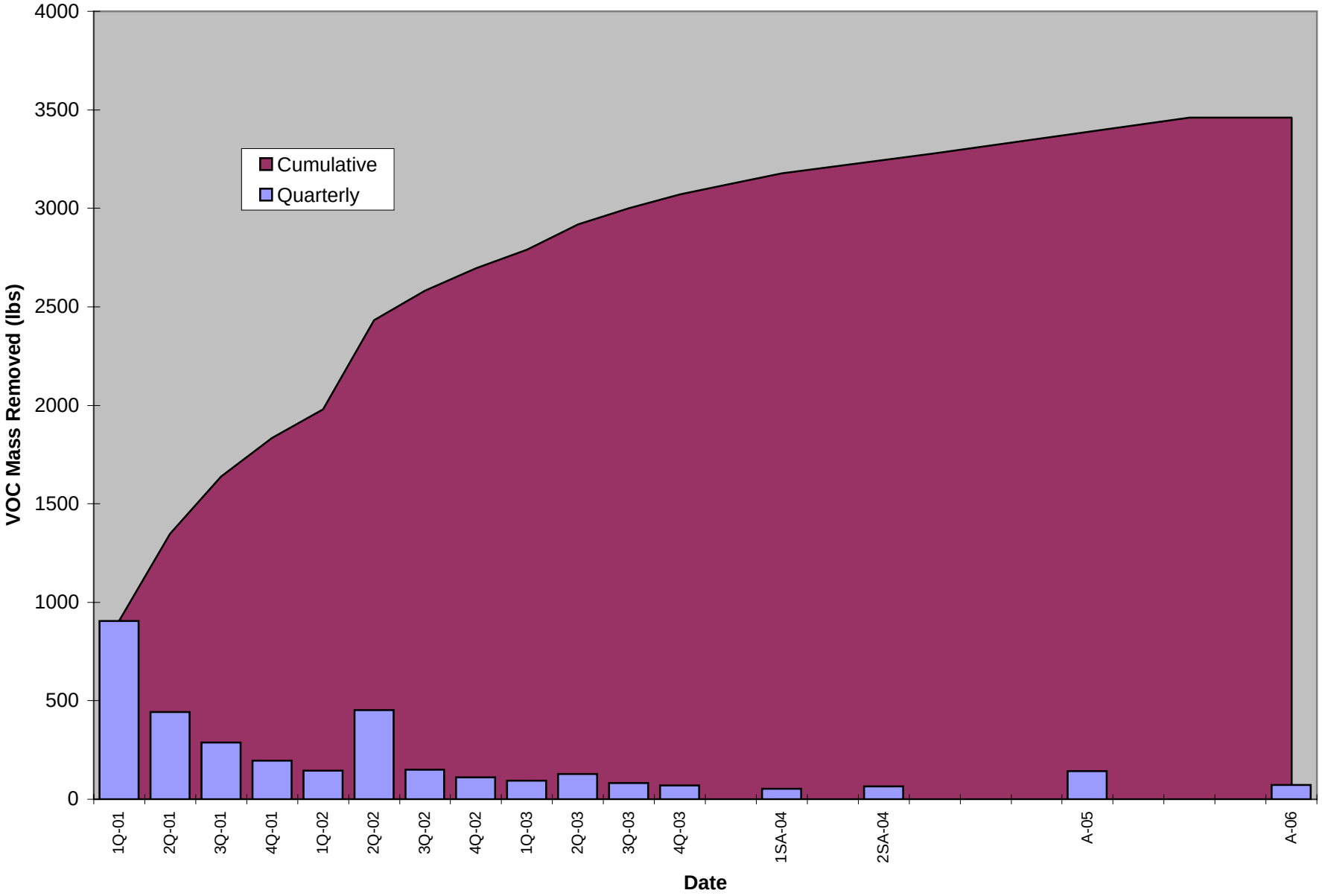


Figure 12
System TCE Effluent Vapor Results

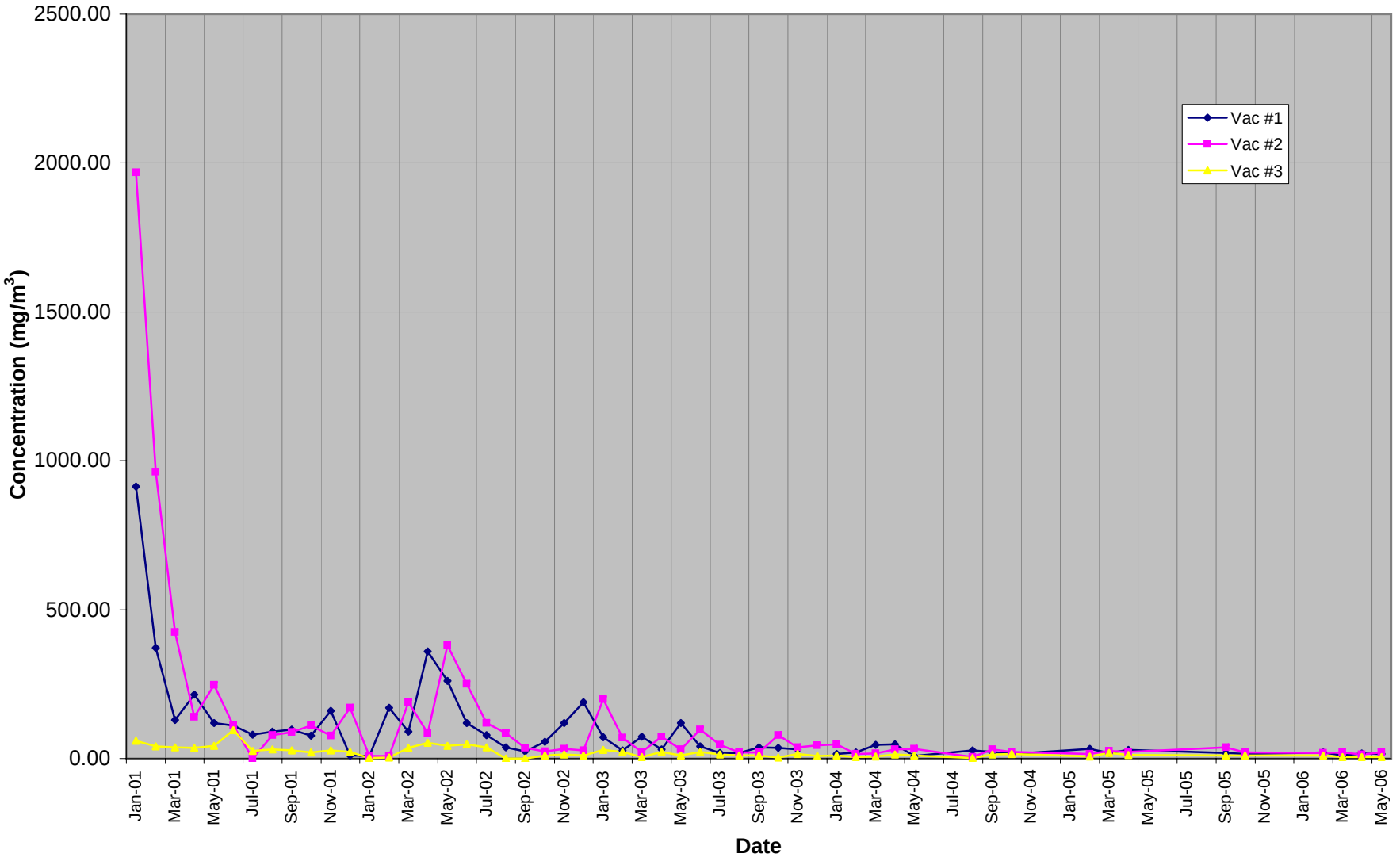
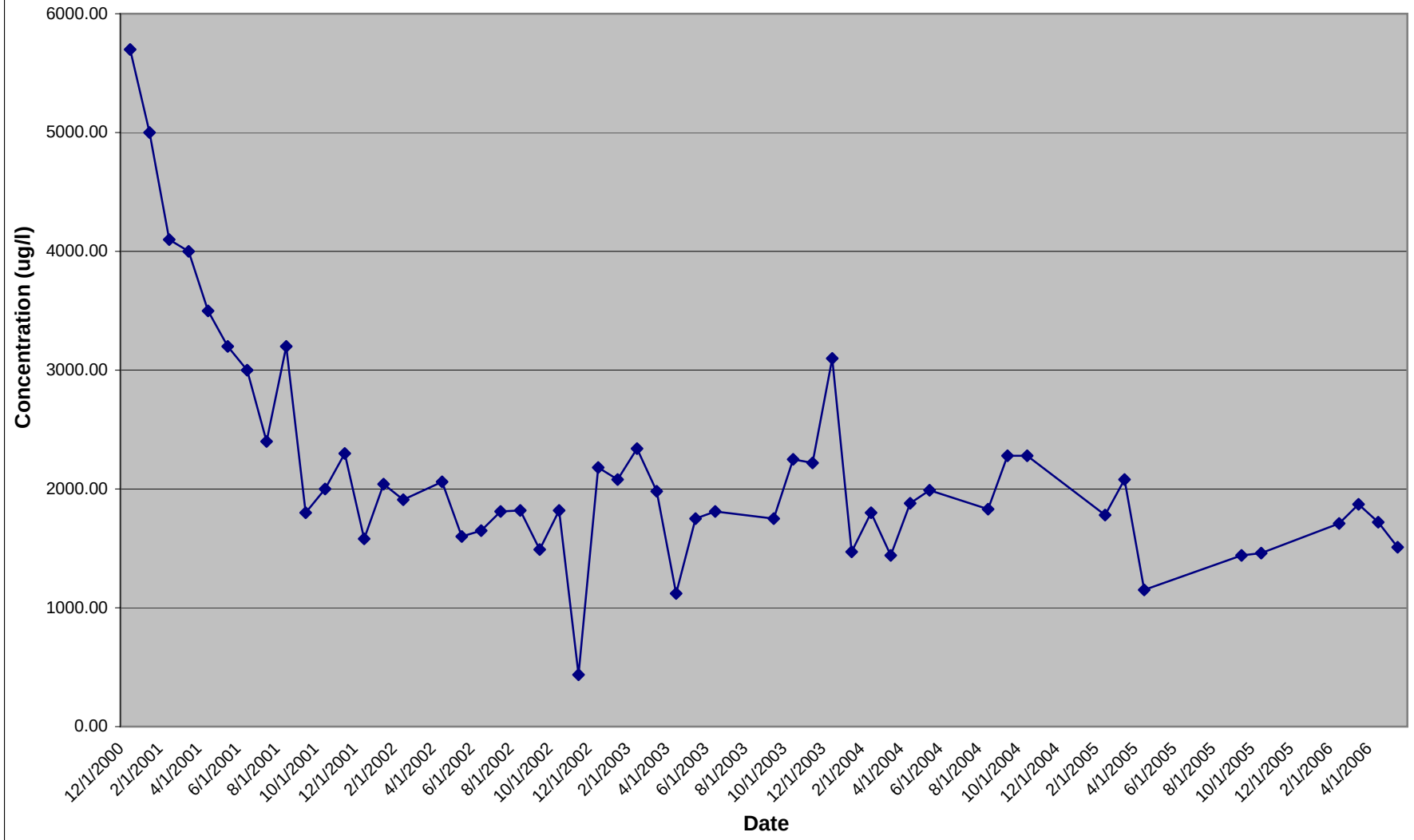


Figure 13
System TCE Influent Groundwater Results



TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 20, 2006 12:44:23PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPL0656
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 12/06/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
OB-09	NPL0656-01	12/05/06 12:15
W-5	NPL0656-02	12/05/06 15:15
TW-07	NPL0656-03	12/05/06 16:25
Trip Blank	NPL0656-04	12/05/06 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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Additional Laboratory Comments:
The pH for sulfide samples was 7, method requires pH > 9. Analyzed with client approval.
New York Certification Number: 11342

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Program Manager - Conventional Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-01 (OB-09 - Ground Water) Sampled: 12/05/06 12:15								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**338**		mg/L	10.0	1	12/06/06 17:58	EPA 310.1	6120893
Carbon Dioxide	**91.5**	HTI	mg/L	5.00	1	12/06/06 13:59	SM 4500CO2 C	6120878
Chloride	**7.32**		mg/L	1.00	1	12/07/06 12:07	EPA 300.0	6121002
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/06/06 19:59	SM 3500Fe D	6120946
Nitrate as N	**1.84**	H	mg/L	0.100	1	12/07/06 12:07	EPA 300.0	6121002
Sulfate	**170**		mg/L	20.0	20	12/18/06 00:18	EPA 300.0	6121002
Sulfide	ND		mg/L	1.00	1	12/07/06 22:44	EPA 376.1	6121069
Total Organic Carbon	ND		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 19:10	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 19:10	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 19:10	RSK 175	6120697
Surr: Acetylene (76-122%)	*100 %*					*12/09/06 19:10*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/09/06 04:19	SW846 8260B	6121050
Benzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Bromobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Bromochloromethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Bromodichloromethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Bromoform	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Bromomethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
2-Butanone	ND		ug/L	50.0	1	12/09/06 04:19	SW846 8260B	6121050
sec-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
n-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
tert-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Carbon disulfide	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Carbon Tetrachloride	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Chlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Chlorodibromomethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Chloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Chloroform	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Chloromethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
2-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
4-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Dibromomethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1-Dichloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-01 (OB-09 - Ground Water) - cont. Sampled: 12/05/06 12:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
cis-1,2-Dichloroethene	**5.17**		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1-Dichloroethene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,3-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
2,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Ethylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Hexachlorobutadiene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
2-Hexanone	ND		ug/L	50.0	1	12/09/06 04:19	SW846 8260B	6121050
Isopropylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
p-Isopropyltoluene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Methylene Chloride	ND		ug/L	5.00	1	12/09/06 04:19	SW846 8260B	6121050
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/09/06 04:19	SW846 8260B	6121050
Naphthalene	ND		ug/L	5.00	1	12/09/06 04:19	SW846 8260B	6121050
n-Propylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Styrene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Tetrachloroethene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Toluene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Trichloroethene	**115**		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Trichlorofluoromethane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Vinyl chloride	ND		ug/L	1.00	1	12/09/06 04:19	SW846 8260B	6121050
Xylenes, total	ND		ug/L	3.00	1	12/09/06 04:19	SW846 8260B	6121050
Surr: 1,2-Dichloroethane-d4 (62-142%)	*117 %*					*12/09/06 04:19*	*SW846 8260B*	*6121050*
Surr: Dibromofluoromethane (78-123%)	*111 %*					*12/09/06 04:19*	*SW846 8260B*	*6121050*
Surr: Toluene-d8 (79-120%)	*102 %*					*12/09/06 04:19*	*SW846 8260B*	*6121050*
Surr: 4-Bromofluorobenzene (75-133%)	*105 %*					*12/09/06 04:19*	*SW846 8260B*	*6121050*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-02 (W-5 - Ground Water) Sampled: 12/05/06 15:15								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**382**		mg/L	10.0	1	12/06/06 17:58	EPA 310.1	6120893
Carbon Dioxide	**92.4**	HTI	mg/L	5.00	1	12/06/06 13:59	SM 4500CO2 C	6120878
Chloride	**14.4**		mg/L	2.00	2	12/18/06 00:33	EPA 300.0	6121002
Iron, ferrous	**1.03**	HTI	mg/L	0.100	1	12/06/06 19:59	SM 3500Fe D	6120946
Nitrate as N	ND		mg/L	0.100	1	12/07/06 12:51	EPA 300.0	6121002
Sulfate	**69.7**		mg/L	10.0	10	12/18/06 00:48	EPA 300.0	6121002
Sulfide	ND		mg/L	1.00	1	12/07/06 22:44	EPA 376.1	6121069
Total Organic Carbon	ND		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 17:55	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 17:55	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 17:55	RSK 175	6120697
Surr: Acetylene (76-122%)	*101 %*					*12/09/06 17:55*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/09/06 04:44	SW846 8260B	6121050
Benzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Bromobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Bromochloromethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Bromodichloromethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Bromoform	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Bromomethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
2-Butanone	ND		ug/L	50.0	1	12/09/06 04:44	SW846 8260B	6121050
sec-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
n-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
tert-Butylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Carbon disulfide	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Carbon Tetrachloride	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Chlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Chlorodibromomethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Chloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Chloroform	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Chloromethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
2-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
4-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Dibromomethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1-Dichloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-02 (W-5 - Ground Water) - cont. Sampled: 12/05/06 15:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
cis-1,2-Dichloroethene	**122**		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1-Dichloroethene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
trans-1,2-Dichloroethene	**2.89**		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,3-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
2,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1-Dichloropropene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Ethylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Hexachlorobutadiene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
2-Hexanone	ND		ug/L	50.0	1	12/09/06 04:44	SW846 8260B	6121050
Isopropylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
p-Isopropyltoluene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Methylene Chloride	ND		ug/L	5.00	1	12/09/06 04:44	SW846 8260B	6121050
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/09/06 04:44	SW846 8260B	6121050
Naphthalene	ND		ug/L	5.00	1	12/09/06 04:44	SW846 8260B	6121050
n-Propylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Styrene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Tetrachloroethene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Toluene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Trichloroethene	**263**		ug/L	10.0	10	12/10/06 06:36	SW846 8260B	6121989
Trichlorofluoromethane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Vinyl chloride	**7.14**		ug/L	1.00	1	12/09/06 04:44	SW846 8260B	6121050
Xylenes, total	ND		ug/L	3.00	1	12/09/06 04:44	SW846 8260B	6121050
Surr: 1,2-Dichloroethane-d4 (62-142%)	*117 %*					*12/09/06 04:44*	*SW846 8260B*	*6121050*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*118 %*					*12/10/06 06:36*	*SW846 8260B*	*6121989*
Surr: Dibromofluoromethane (78-123%)	*111 %*					*12/09/06 04:44*	*SW846 8260B*	*6121050*
Surr: Dibromofluoromethane (78-123%)	*115 %*					*12/10/06 06:36*	*SW846 8260B*	*6121989*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/09/06 04:44*	*SW846 8260B*	*6121050*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/10/06 06:36*	*SW846 8260B*	*6121989*
Surr: 4-Bromofluorobenzene (75-133%)	*106 %*					*12/09/06 04:44*	*SW846 8260B*	*6121050*
Surr: 4-Bromofluorobenzene (75-133%)	*106 %*					*12/10/06 06:36*	*SW846 8260B*	*6121989*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-03 (TW-07 - Ground Water) Sampled: 12/05/06 16:25								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**418**		mg/L	10.0	1	12/06/06 17:58	EPA 310.1	6120893
Carbon Dioxide	**193**	HTI	mg/L	5.00	1	12/06/06 13:59	SM 4500CO2 C	6120878
Chloride	**13.7**		mg/L	2.00	2	12/18/06 01:17	EPA 300.0	6121002
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/06/06 20:05	SM 3500Fe D	6120946
Nitrate as N	**4.35**		mg/L	0.100	1	12/07/06 13:06	EPA 300.0	6121002
Sulfate	**326**		mg/L	50.0	50	12/18/06 01:02	EPA 300.0	6121002
Sulfide	ND		mg/L	1.00	1	12/07/06 22:44	EPA 376.1	6121069
Total Organic Carbon	**2.62**		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 18:00	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 18:00	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 18:00	RSK 175	6120697
Surr: Acetylene (76-122%)	*97 %*					*12/09/06 18:00*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/09/06 05:09	SW846 8260B	6121050
Benzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Bromobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Bromochloromethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Bromodichloromethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Bromoform	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Bromomethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
2-Butanone	ND		ug/L	50.0	1	12/09/06 05:09	SW846 8260B	6121050
sec-Butylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
n-Butylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
tert-Butylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Carbon disulfide	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Carbon Tetrachloride	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Chlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Chlorodibromomethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Chloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Chloroform	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Chloromethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
2-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
4-Chlorotoluene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Dibromomethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1-Dichloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-03 (TW-07 - Ground Water) - cont. Sampled: 12/05/06 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1-Dichloroethene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,3-Dichloropropane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
2,2-Dichloropropane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1-Dichloropropene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Ethylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Hexachlorobutadiene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
2-Hexanone	ND		ug/L	50.0	1	12/09/06 05:09	SW846 8260B	6121050
Isopropylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
p-Isopropyltoluene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Methylene Chloride	ND		ug/L	5.00	1	12/09/06 05:09	SW846 8260B	6121050
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/09/06 05:09	SW846 8260B	6121050
Naphthalene	ND		ug/L	5.00	1	12/09/06 05:09	SW846 8260B	6121050
n-Propylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Styrene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Tetrachloroethene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Toluene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Trichloroethene	**2.09**		ug/L	1.00	1	12/10/06 02:52	SW846 8260B	6123284
Trichlorofluoromethane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Vinyl chloride	ND		ug/L	1.00	1	12/09/06 05:09	SW846 8260B	6121050
Xylenes, total	ND		ug/L	3.00	1	12/09/06 05:09	SW846 8260B	6121050
Surr: 1,2-Dichloroethane-d4 (62-142%)	*117 %*					*12/09/06 05:09*	*SW846 8260B*	*6121050*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*102 %*					*12/10/06 02:52*	*SW846 8260B*	*6123284*
Surr: Dibromofluoromethane (78-123%)	*111 %*					*12/09/06 05:09*	*SW846 8260B*	*6121050*
Surr: Dibromofluoromethane (78-123%)	*106 %*					*12/10/06 02:52*	*SW846 8260B*	*6123284*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/09/06 05:09*	*SW846 8260B*	*6121050*
Surr: Toluene-d8 (79-120%)	*103 %*					*12/10/06 02:52*	*SW846 8260B*	*6123284*
Surr: 4-Bromofluorobenzene (75-133%)	*108 %*					*12/09/06 05:09*	*SW846 8260B*	*6121050*
Surr: 4-Bromofluorobenzene (75-133%)	*106 %*					*12/10/06 02:52*	*SW846 8260B*	*6123284*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-04 (Trip Blank - Ground Water) Sampled: 12/05/06 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/08/06 23:45	SW846 8260B	6121050
Benzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Bromobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Bromochloromethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Bromodichloromethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Bromoform	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Bromomethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
2-Butanone	ND		ug/L	50.0	1	12/08/06 23:45	SW846 8260B	6121050
sec-Butylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
n-Butylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
tert-Butylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Carbon disulfide	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Carbon Tetrachloride	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Chlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Chlorodibromomethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Chloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Chloroform	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Chloromethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
2-Chlorotoluene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
4-Chlorotoluene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Dibromomethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1-Dichloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2-Dichloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1-Dichloroethene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,3-Dichloropropane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2-Dichloropropane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
2,2-Dichloropropane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1-Dichloropropene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Ethylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Hexachlorobutadiene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
2-Hexanone	ND		ug/L	50.0	1	12/08/06 23:45	SW846 8260B	6121050
Isopropylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
p-Isopropyltoluene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0656-04 (Trip Blank - Ground Water) - cont. Sampled: 12/05/06 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Methylene Chloride	ND		ug/L	5.00	1	12/08/06 23:45	SW846 8260B	6121050
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/08/06 23:45	SW846 8260B	6121050
Naphthalene	ND		ug/L	5.00	1	12/08/06 23:45	SW846 8260B	6121050
n-Propylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Styrene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Tetrachloroethene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Toluene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Trichloroethene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Trichlorofluoromethane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Vinyl chloride	ND		ug/L	1.00	1	12/08/06 23:45	SW846 8260B	6121050
Xylenes, total	ND		ug/L	3.00	1	12/08/06 23:45	SW846 8260B	6121050
Surr: 1,2-Dichloroethane-d4 (62-142%)	*115 %*					*12/08/06 23:45*	*SW846 8260B*	*6121050*
Surr: Dibromofluoromethane (78-123%)	*111 %*					*12/08/06 23:45*	*SW846 8260B*	*6121050*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/08/06 23:45*	*SW846 8260B*	*6121050*
Surr: 4-Bromofluorobenzene (75-133%)	*107 %*					*12/08/06 23:45*	*SW846 8260B*	*6121050*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6120878-BLK1						
Carbon Dioxide	<3.60		mg/L	6120878	6120878-BLK1	12/06/06 13:59
6120893-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6120893	6120893-BLK1	12/06/06 17:58
6120946-BLK1						
Iron, ferrous	<0.0500		mg/L	6120946	6120946-BLK1	12/06/06 19:15
6121002-BLK1						
Chloride	<0.500		mg/L	6121002	6121002-BLK1	12/07/06 01:38
Nitrate as N	<0.0500		mg/L	6121002	6121002-BLK1	12/07/06 01:38
Sulfate	<0.500		mg/L	6121002	6121002-BLK1	12/17/06 23:05
6121022-BLK1						
Total Organic Carbon	<0.520		mg/L	6121022	6121022-BLK1	12/18/06 02:21
6121069-BLK1						
Sulfide	<0.380		mg/L	6121069	6121069-BLK1	12/07/06 22:44
Methane, Ethane, and Ethene by GC						
6120697-BLK1						
Ethane	<14.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Ethene	<11.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Methane	<15.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Surrogate: Acetylene	104%			6120697	6120697-BLK1	12/09/06 17:19
Volatile Organic Compounds by EPA Method 8260B						
6121050-BLK1						
Acetone	<5.91		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Benzene	<0.290		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Bromobenzene	<0.450		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Bromochloromethane	<0.420		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Bromodichloromethane	<0.380		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Bromoform	<0.500		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Bromomethane	<0.420		ug/L	6121050	6121050-BLK1	12/08/06 22:55
2-Butanone	<3.06		ug/L	6121050	6121050-BLK1	12/08/06 22:55
sec-Butylbenzene	<0.260		ug/L	6121050	6121050-BLK1	12/08/06 22:55
n-Butylbenzene	<0.460		ug/L	6121050	6121050-BLK1	12/08/06 22:55
tert-Butylbenzene	<0.390		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Carbon disulfide	<0.230		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Carbon Tetrachloride	<0.410		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Chlorobenzene	<0.320		ug/L	6121050	6121050-BLK1	12/08/06 22:55

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121050-BLK1						
Chlorodibromomethane	<0.360		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Chloroethane	<0.350		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Chloroform	<0.380		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Chloromethane	<0.310		ug/L	6121050	6121050-BLK1	12/08/06 22:55
2-Chlorotoluene	<0.210		ug/L	6121050	6121050-BLK1	12/08/06 22:55
4-Chlorotoluene	<0.370		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2-Dibromoethane (EDB)	<0.320		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Dibromomethane	<0.430		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,4-Dichlorobenzene	<0.360		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,3-Dichlorobenzene	<0.360		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2-Dichlorobenzene	<0.370		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Dichlorodifluoromethane	<0.290		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1-Dichloroethane	<0.320		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2-Dichloroethane	<0.280		ug/L	6121050	6121050-BLK1	12/08/06 22:55
cis-1,2-Dichloroethene	<0.390		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1-Dichloroethene	<0.270		ug/L	6121050	6121050-BLK1	12/08/06 22:55
trans-1,2-Dichloroethene	<0.200		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,3-Dichloropropane	<0.480		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2-Dichloropropane	<0.370		ug/L	6121050	6121050-BLK1	12/08/06 22:55
2,2-Dichloropropane	<0.370		ug/L	6121050	6121050-BLK1	12/08/06 22:55
cis-1,3-Dichloropropene	<0.330		ug/L	6121050	6121050-BLK1	12/08/06 22:55
trans-1,3-Dichloropropene	<0.310		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1-Dichloropropene	<0.280		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Ethylbenzene	<0.340		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Hexachlorobutadiene	1.31		ug/L	6121050	6121050-BLK1	12/08/06 22:55
2-Hexanone	<2.19		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Isopropylbenzene	<0.340		ug/L	6121050	6121050-BLK1	12/08/06 22:55
p-Isopropyltoluene	<0.320		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Methyl tert-Butyl Ether	<0.310		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Methylene Chloride	<1.26		ug/L	6121050	6121050-BLK1	12/08/06 22:55
4-Methyl-2-pentanone	<4.15		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Naphthalene	<0.650		ug/L	6121050	6121050-BLK1	12/08/06 22:55
n-Propylbenzene	<0.350		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Styrene	<0.390		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Tetrachloroethene	<0.320		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Toluene	<0.280		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2,3-Trichlorobenzene	<0.560		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2,4-Trichlorobenzene	<0.620		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,1,2-Trichloroethane	<0.420		ug/L	6121050	6121050-BLK1	12/08/06 22:55

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121050-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Trichloroethene	<0.450		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Trichlorofluoromethane	<0.400		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2,3-Trichloropropane	<0.520		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,3,5-Trimethylbenzene	<0.240		ug/L	6121050	6121050-BLK1	12/08/06 22:55
1,2,4-Trimethylbenzene	<0.340		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Vinyl chloride	<0.260		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Xylenes, total	<0.450		ug/L	6121050	6121050-BLK1	12/08/06 22:55
Surrogate: 1,2-Dichloroethane-d4	117%			6121050	6121050-BLK1	12/08/06 22:55
Surrogate: Dibromofluoromethane	114%			6121050	6121050-BLK1	12/08/06 22:55
Surrogate: Toluene-d8	101%			6121050	6121050-BLK1	12/08/06 22:55
Surrogate: 4-Bromofluorobenzene	106%			6121050	6121050-BLK1	12/08/06 22:55
6121989-BLK1						
Acetone	<5.91		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Benzene	<0.290		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Bromobenzene	<0.450		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Bromochloromethane	<0.420		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Bromodichloromethane	<0.380		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Bromoform	<0.500		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Bromomethane	<0.420		ug/L	6121989	6121989-BLK1	12/09/06 23:08
2-Butanone	<3.06		ug/L	6121989	6121989-BLK1	12/09/06 23:08
sec-Butylbenzene	<0.260		ug/L	6121989	6121989-BLK1	12/09/06 23:08
n-Butylbenzene	<0.460		ug/L	6121989	6121989-BLK1	12/09/06 23:08
tert-Butylbenzene	<0.390		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Carbon disulfide	<0.230		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Carbon Tetrachloride	<0.410		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Chlorobenzene	<0.320		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Chlorodibromomethane	<0.360		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Chloroethane	<0.350		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Chloroform	<0.380		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Chloromethane	<0.310		ug/L	6121989	6121989-BLK1	12/09/06 23:08
2-Chlorotoluene	<0.210		ug/L	6121989	6121989-BLK1	12/09/06 23:08
4-Chlorotoluene	<0.370		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2-Dibromoethane (EDB)	<0.320		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Dibromomethane	<0.430		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,4-Dichlorobenzene	<0.360		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,3-Dichlorobenzene	<0.360		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2-Dichlorobenzene	<0.370		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Dichlorodifluoromethane	<0.290		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1-Dichloroethane	<0.320		ug/L	6121989	6121989-BLK1	12/09/06 23:08

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ANALYTICAL TESTING CORPORATION
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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121989-BLK1						
1,2-Dichloroethane	<0.280		ug/L	6121989	6121989-BLK1	12/09/06 23:08
cis-1,2-Dichloroethene	<0.390		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1-Dichloroethene	<0.270		ug/L	6121989	6121989-BLK1	12/09/06 23:08
trans-1,2-Dichloroethene	<0.200		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,3-Dichloropropane	<0.480		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2-Dichloropropane	<0.370		ug/L	6121989	6121989-BLK1	12/09/06 23:08
2,2-Dichloropropane	<0.370		ug/L	6121989	6121989-BLK1	12/09/06 23:08
cis-1,3-Dichloropropene	<0.330		ug/L	6121989	6121989-BLK1	12/09/06 23:08
trans-1,3-Dichloropropene	<0.310		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1-Dichloropropene	<0.280		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Ethylbenzene	<0.340		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Hexachlorobutadiene	<0.660		ug/L	6121989	6121989-BLK1	12/09/06 23:08
2-Hexanone	<2.19		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Isopropylbenzene	<0.340		ug/L	6121989	6121989-BLK1	12/09/06 23:08
p-Isopropyltoluene	<0.320		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Methyl tert-Butyl Ether	<0.310		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Methylene Chloride	<1.26		ug/L	6121989	6121989-BLK1	12/09/06 23:08
4-Methyl-2-pentanone	<4.15		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Naphthalene	<0.650		ug/L	6121989	6121989-BLK1	12/09/06 23:08
n-Propylbenzene	<0.350		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Styrene	<0.390		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Tetrachloroethene	<0.320		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Toluene	0.890		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2,3-Trichlorobenzene	<0.560		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2,4-Trichlorobenzene	0.720		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1,2-Trichloroethane	<0.420		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,1,1-Trichloroethane	<0.350		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Trichloroethene	<0.450		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Trichlorofluoromethane	<0.400		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2,3-Trichloropropane	<0.520		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,3,5-Trimethylbenzene	<0.240		ug/L	6121989	6121989-BLK1	12/09/06 23:08
1,2,4-Trimethylbenzene	<0.340		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Vinyl chloride	<0.260		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Xylenes, total	<0.450		ug/L	6121989	6121989-BLK1	12/09/06 23:08
Surrogate: 1,2-Dichloroethane-d4	114%			6121989	6121989-BLK1	12/09/06 23:08
Surrogate: Dibromofluoromethane	112%			6121989	6121989-BLK1	12/09/06 23:08
Surrogate: Toluene-d8	101%			6121989	6121989-BLK1	12/09/06 23:08
Surrogate: 4-Bromofluorobenzene	105%			6121989	6121989-BLK1	12/09/06 23:08
6123284-BLK1						

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123284-BLK1						
Acetone	<7.41		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Benzene	<0.330		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Bromobenzene	<0.450		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Bromochloromethane	<0.700		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Bromodichloromethane	<0.390		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Bromoform	<0.540		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Bromomethane	<0.420		ug/L	6123284	6123284-BLK1	12/09/06 23:08
2-Butanone	<3.06		ug/L	6123284	6123284-BLK1	12/09/06 23:08
sec-Butylbenzene	<0.260		ug/L	6123284	6123284-BLK1	12/09/06 23:08
n-Butylbenzene	<0.780		ug/L	6123284	6123284-BLK1	12/09/06 23:08
tert-Butylbenzene	<0.400		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Carbon disulfide	<0.230		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Carbon Tetrachloride	<0.410		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Chlorobenzene	<0.340		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Chlorodibromomethane	<0.480		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Chloroethane	<0.350		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Chloroform	<0.510		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Chloromethane	<0.310		ug/L	6123284	6123284-BLK1	12/09/06 23:08
2-Chlorotoluene	<0.210		ug/L	6123284	6123284-BLK1	12/09/06 23:08
4-Chlorotoluene	<0.410		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2-Dibromoethane (EDB)	<0.320		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Dibromomethane	<0.430		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,4-Dichlorobenzene	<0.360		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,3-Dichlorobenzene	<0.410		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2-Dichlorobenzene	<0.440		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Dichlorodifluoromethane	<0.290		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1-Dichloroethane	<0.600		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2-Dichloroethane	<0.460		ug/L	6123284	6123284-BLK1	12/09/06 23:08
cis-1,2-Dichloroethene	<0.540		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1-Dichloroethene	<0.270		ug/L	6123284	6123284-BLK1	12/09/06 23:08
trans-1,2-Dichloroethene	<0.200		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,3-Dichloropropane	<0.480		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2-Dichloropropane	<0.370		ug/L	6123284	6123284-BLK1	12/09/06 23:08
2,2-Dichloropropane	<0.370		ug/L	6123284	6123284-BLK1	12/09/06 23:08
cis-1,3-Dichloropropene	<0.330		ug/L	6123284	6123284-BLK1	12/09/06 23:08
trans-1,3-Dichloropropene	<0.310		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1-Dichloropropene	<0.280		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Ethylbenzene	<0.420		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Hexachlorobutadiene	<0.660		ug/L	6123284	6123284-BLK1	12/09/06 23:08
2-Hexanone	<2.19		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Isopropylbenzene	<0.410		ug/L	6123284	6123284-BLK1	12/09/06 23:08

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123284-BLK1						
p-Isopropyltoluene	<0.320		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Methyl tert-Butyl Ether	<0.310		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Methylene Chloride	<2.10		ug/L	6123284	6123284-BLK1	12/09/06 23:08
4-Methyl-2-pentanone	<4.15		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Naphthalene	<0.650		ug/L	6123284	6123284-BLK1	12/09/06 23:08
n-Propylbenzene	<0.350		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Styrene	<0.390		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Tetrachloroethene	<0.320		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Toluene	0.890		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2,3-Trichlorobenzene	<0.620		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2,4-Trichlorobenzene	0.720		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1,2-Trichloroethane	<0.570		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,1,1-Trichloroethane	<0.350		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Trichloroethene	<0.510		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Trichlorofluoromethane	<0.400		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2,3-Trichloropropane	<0.520		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,3,5-Trimethylbenzene	<0.240		ug/L	6123284	6123284-BLK1	12/09/06 23:08
1,2,4-Trimethylbenzene	<0.350		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Vinyl chloride	<0.260		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Xylenes, total	<0.450		ug/L	6123284	6123284-BLK1	12/09/06 23:08
Surrogate: 1,2-Dichloroethane-d4	114%			6123284	6123284-BLK1	12/09/06 23:08
Surrogate: Dibromofluoromethane	112%			6123284	6123284-BLK1	12/09/06 23:08
Surrogate: Toluene-d8	101%			6123284	6123284-BLK1	12/09/06 23:08
Surrogate: 4-Bromofluorobenzene	105%			6123284	6123284-BLK1	12/09/06 23:08

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6120878-DUP1									
Carbon Dioxide	91.5	90.6		mg/L	1	20	6120878	NPL0656-01	12/06/06 13:59
6120893-DUP1									
Alkalinity, Total (CaCO3)	418	416		mg/L	0.5	20	6120893	NPL0656-03	12/06/06 17:58
6120946-DUP1									
Iron, ferrous	0.0900	0.0910		mg/L	1	20	6120946	NPL0656-03	12/06/06 20:05
6121002-DUP1									
Chloride	13.7	13.7		mg/L	0	20	6121002	NPL0656-03	12/18/06 01:32
Nitrate as N	4.35	4.33		mg/L	0.5	20	6121002	NPL0656-03	12/07/06 13:21
Sulfate	326	356		mg/L	9	20	6121002	NPL0656-03	12/18/06 18:05
6121022-DUP1									
Total Organic Carbon	ND	ND		mg/L		20	6121022	NPL0656-01	12/18/06 02:21
6121022-DUP2									
Total Organic Carbon	1.39	1.60		mg/L	14	20	6121022	NPL0931-03	12/18/06 02:21
6121069-DUP1									
Sulfide	ND	ND		mg/L		10	6121069	NPL0656-03	12/07/06 22:44

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6120878-BS1								
Carbon Dioxide	100	101		ug/mL	101%	90 - 110	6120878	12/06/06 13:59
6120893-BS1								
Alkalinity, Total (CaCO3)	100	103		ug/mL	103%	90 - 110	6120893	12/06/06 17:58
6120946-BS1								
Iron, ferrous	1.00	1.03		ug/mL	103%	80 - 120	6120946	12/06/06 19:15
6121002-BS1								
Chloride	3.00	3.20		ug/mL	107%	90 - 110	6121002	12/07/06 11:53
Nitrate as N	3.00	3.02		ug/mL	101%	90 - 110	6121002	12/07/06 11:53
Sulfate	15.0	15.9		ug/mL	106%	90 - 110	6121002	12/17/06 20:38
6121022-BS1								
Total Organic Carbon	200	199		ug/mL	100%	87 - 110	6121022	12/18/06 02:21
6121069-BS1								
Sulfide	20.0	18.4		ug/mL	92%	90 - 110	6121069	12/07/06 22:44
Methane, Ethane, and Ethene by GC								
6120697-BS1								
Ethane	2500	2200		ug/L	88%	78 - 112	6120697	12/09/06 17:52
Ethene	2340	2060		ug/L	88%	79 - 112	6120697	12/09/06 17:52
Methane	1330	1380		ug/L	104%	85 - 120	6120697	12/09/06 17:52
Surrogate: Acetylene	4320	4520			105%	76 - 122	6120697	12/09/06 17:52
Volatile Organic Compounds by EPA Method 8260B								
6121050-BS1								
Acetone	250	224		ug/L	90%	63 - 147	6121050	12/08/06 22:06
Benzene	50.0	48.1		ug/L	96%	78 - 122	6121050	12/08/06 22:06
Bromobenzene	50.0	45.9		ug/L	92%	77 - 122	6121050	12/08/06 22:06
Bromochloromethane	50.0	49.1		ug/L	98%	76 - 129	6121050	12/08/06 22:06
Bromodichloromethane	50.0	50.8		ug/L	102%	71 - 134	6121050	12/08/06 22:06
Bromoform	50.0	50.9		ug/L	102%	49 - 129	6121050	12/08/06 22:06
Bromomethane	50.0	46.1		ug/L	92%	49 - 154	6121050	12/08/06 22:06
2-Butanone	250	226		ug/L	90%	74 - 130	6121050	12/08/06 22:06
sec-Butylbenzene	50.0	48.1		ug/L	96%	78 - 129	6121050	12/08/06 22:06
n-Butylbenzene	50.0	49.5		ug/L	99%	69 - 137	6121050	12/08/06 22:06
tert-Butylbenzene	50.0	48.4		ug/L	97%	79 - 128	6121050	12/08/06 22:06
Carbon disulfide	50.0	49.1		ug/L	98%	65 - 122	6121050	12/08/06 22:06
Carbon Tetrachloride	50.0	55.8		ug/L	112%	63 - 140	6121050	12/08/06 22:06
Chlorobenzene	50.0	47.8		ug/L	96%	83 - 118	6121050	12/08/06 22:06

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
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Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121050-BS1								
Chlorodibromomethane	50.0	50.0		ug/L	100%	69 - 128	6121050	12/08/06 22:06
Chloroethane	50.0	54.5		ug/L	109%	57 - 138	6121050	12/08/06 22:06
Chloroform	50.0	49.6		ug/L	99%	75 - 122	6121050	12/08/06 22:06
Chloromethane	50.0	29.4		ug/L	59%	37 - 147	6121050	12/08/06 22:06
2-Chlorotoluene	50.0	46.8		ug/L	94%	74 - 131	6121050	12/08/06 22:06
4-Chlorotoluene	50.0	50.0		ug/L	100%	77 - 128	6121050	12/08/06 22:06
1,2-Dibromo-3-chloropropane	50.0	47.1		ug/L	94%	54 - 130	6121050	12/08/06 22:06
1,2-Dibromoethane (EDB)	50.0	48.6		ug/L	97%	80 - 128	6121050	12/08/06 22:06
Dibromomethane	50.0	50.6		ug/L	101%	74 - 129	6121050	12/08/06 22:06
1,4-Dichlorobenzene	50.0	47.8		ug/L	96%	80 - 119	6121050	12/08/06 22:06
1,3-Dichlorobenzene	50.0	48.8		ug/L	98%	81 - 124	6121050	12/08/06 22:06
1,2-Dichlorobenzene	50.0	47.4		ug/L	95%	82 - 123	6121050	12/08/06 22:06
Dichlorodifluoromethane	50.0	28.3		ug/L	57%	34 - 120	6121050	12/08/06 22:06
1,1-Dichloroethane	50.0	49.0		ug/L	98%	79 - 120	6121050	12/08/06 22:06
1,2-Dichloroethane	50.0	51.3		ug/L	103%	65 - 134	6121050	12/08/06 22:06
cis-1,2-Dichloroethene	50.0	48.8		ug/L	98%	71 - 126	6121050	12/08/06 22:06
1,1-Dichloroethene	50.0	50.2		ug/L	100%	71 - 123	6121050	12/08/06 22:06
trans-1,2-Dichloroethene	50.0	49.1		ug/L	98%	74 - 127	6121050	12/08/06 22:06
1,3-Dichloropropane	50.0	46.5		ug/L	93%	81 - 121	6121050	12/08/06 22:06
1,2-Dichloropropane	50.0	47.3		ug/L	95%	76 - 120	6121050	12/08/06 22:06
2,2-Dichloropropane	50.0	50.1		ug/L	100%	35 - 156	6121050	12/08/06 22:06
cis-1,3-Dichloropropene	50.0	46.5		ug/L	93%	70 - 135	6121050	12/08/06 22:06
trans-1,3-Dichloropropene	50.0	46.5		ug/L	93%	61 - 124	6121050	12/08/06 22:06
1,1-Dichloropropene	50.0	48.8		ug/L	98%	79 - 127	6121050	12/08/06 22:06
Ethylbenzene	50.0	48.0		ug/L	96%	82 - 122	6121050	12/08/06 22:06
Hexachlorobutadiene	50.0	46.8	B	ug/L	94%	66 - 137	6121050	12/08/06 22:06
2-Hexanone	250	231		ug/L	92%	72 - 136	6121050	12/08/06 22:06
Isopropylbenzene	50.0	48.3		ug/L	97%	75 - 121	6121050	12/08/06 22:06
p-Isopropyltoluene	50.0	49.4		ug/L	99%	76 - 133	6121050	12/08/06 22:06
Methyl tert-Butyl Ether	50.0	47.3		ug/L	95%	69 - 122	6121050	12/08/06 22:06
Methylene Chloride	50.0	44.2		ug/L	88%	75 - 127	6121050	12/08/06 22:06
4-Methyl-2-pentanone	250	235		ug/L	94%	77 - 132	6121050	12/08/06 22:06
Naphthalene	50.0	49.1		ug/L	98%	65 - 144	6121050	12/08/06 22:06
n-Propylbenzene	50.0	47.8		ug/L	96%	76 - 129	6121050	12/08/06 22:06
Styrene	50.0	48.7		ug/L	97%	80 - 130	6121050	12/08/06 22:06
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/L	102%	77 - 128	6121050	12/08/06 22:06
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/L	92%	71 - 129	6121050	12/08/06 22:06
Tetrachloroethene	50.0	50.1		ug/L	100%	77 - 124	6121050	12/08/06 22:06
Toluene	50.0	47.4		ug/L	95%	80 - 120	6121050	12/08/06 22:06
1,2,3-Trichlorobenzene	50.0	47.1		ug/L	94%	69 - 140	6121050	12/08/06 22:06
1,2,4-Trichlorobenzene	50.0	46.8		ug/L	94%	68 - 135	6121050	12/08/06 22:06

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121050-BS1								
1,1,2-Trichloroethane	50.0	47.5		ug/L	95%	83 - 120	6121050	12/08/06 22:06
1,1,1-Trichloroethane	50.0	51.9		ug/L	104%	69 - 128	6121050	12/08/06 22:06
Trichloroethene	50.0	48.5		ug/L	97%	73 - 133	6121050	12/08/06 22:06
Trichlorofluoromethane	50.0	49.2		ug/L	98%	57 - 139	6121050	12/08/06 22:06
1,2,3-Trichloropropane	50.0	45.5		ug/L	91%	68 - 129	6121050	12/08/06 22:06
1,3,5-Trimethylbenzene	50.0	49.0		ug/L	98%	78 - 129	6121050	12/08/06 22:06
1,2,4-Trimethylbenzene	50.0	49.8		ug/L	100%	78 - 126	6121050	12/08/06 22:06
Vinyl chloride	50.0	47.4		ug/L	95%	54 - 137	6121050	12/08/06 22:06
Xylenes, total	150	147		ug/L	98%	81 - 125	6121050	12/08/06 22:06
Surrogate: 1,2-Dichloroethane-d4	30.0	32.4			108%	70 - 130	6121050	12/08/06 22:06
Surrogate: Dibromofluoromethane	30.0	32.2			107%	79 - 122	6121050	12/08/06 22:06
Surrogate: Toluene-d8	30.0	29.7			99%	79 - 120	6121050	12/08/06 22:06
Surrogate: 4-Bromofluorobenzene	30.0	30.2			101%	78 - 126	6121050	12/08/06 22:06
6121989-BS1								
Acetone	250	221		ug/L	88%	63 - 147	6121989	12/09/06 22:18
Benzene	50.0	50.0		ug/L	100%	78 - 122	6121989	12/09/06 22:18
Bromobenzene	50.0	47.9		ug/L	96%	77 - 122	6121989	12/09/06 22:18
Bromochloromethane	50.0	52.0		ug/L	104%	76 - 129	6121989	12/09/06 22:18
Bromodichloromethane	50.0	50.3		ug/L	101%	71 - 134	6121989	12/09/06 22:18
Bromoform	50.0	53.3		ug/L	107%	49 - 129	6121989	12/09/06 22:18
Bromomethane	50.0	49.3		ug/L	99%	49 - 154	6121989	12/09/06 22:18
2-Butanone	250	238		ug/L	95%	74 - 130	6121989	12/09/06 22:18
sec-Butylbenzene	50.0	51.8		ug/L	104%	78 - 129	6121989	12/09/06 22:18
n-Butylbenzene	50.0	53.8		ug/L	108%	69 - 137	6121989	12/09/06 22:18
tert-Butylbenzene	50.0	52.2		ug/L	104%	79 - 128	6121989	12/09/06 22:18
Carbon disulfide	50.0	43.6		ug/L	87%	65 - 122	6121989	12/09/06 22:18
Carbon Tetrachloride	50.0	55.3		ug/L	111%	63 - 140	6121989	12/09/06 22:18
Chlorobenzene	50.0	51.0		ug/L	102%	83 - 118	6121989	12/09/06 22:18
Chlorodibromomethane	50.0	51.0		ug/L	102%	69 - 128	6121989	12/09/06 22:18
Chloroethane	50.0	56.5		ug/L	113%	57 - 138	6121989	12/09/06 22:18
Chloroform	50.0	51.5		ug/L	103%	75 - 122	6121989	12/09/06 22:18
Chloromethane	50.0	40.7		ug/L	81%	37 - 147	6121989	12/09/06 22:18
2-Chlorotoluene	50.0	50.3		ug/L	101%	74 - 131	6121989	12/09/06 22:18
4-Chlorotoluene	50.0	52.4		ug/L	105%	77 - 128	6121989	12/09/06 22:18
1,2-Dibromo-3-chloropropane	50.0	52.9		ug/L	106%	54 - 130	6121989	12/09/06 22:18
1,2-Dibromoethane (EDB)	50.0	51.3		ug/L	103%	80 - 128	6121989	12/09/06 22:18
Dibromomethane	50.0	53.1		ug/L	106%	74 - 129	6121989	12/09/06 22:18
1,4-Dichlorobenzene	50.0	51.4		ug/L	103%	80 - 119	6121989	12/09/06 22:18
1,3-Dichlorobenzene	50.0	51.5		ug/L	103%	81 - 124	6121989	12/09/06 22:18
1,2-Dichlorobenzene	50.0	51.9		ug/L	104%	82 - 123	6121989	12/09/06 22:18
Dichlorodifluoromethane	50.0	56.2		ug/L	112%	34 - 120	6121989	12/09/06 22:18

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121989-BS1								
1,1-Dichloroethane	50.0	48.6		ug/L	97%	79 - 120	6121989	12/09/06 22:18
1,2-Dichloroethane	50.0	50.7		ug/L	101%	65 - 134	6121989	12/09/06 22:18
cis-1,2-Dichloroethene	50.0	49.5		ug/L	99%	71 - 126	6121989	12/09/06 22:18
1,1-Dichloroethene	50.0	53.7		ug/L	107%	71 - 123	6121989	12/09/06 22:18
trans-1,2-Dichloroethene	50.0	50.6		ug/L	101%	74 - 127	6121989	12/09/06 22:18
1,3-Dichloropropane	50.0	48.5		ug/L	97%	81 - 121	6121989	12/09/06 22:18
1,2-Dichloropropane	50.0	45.3		ug/L	91%	76 - 120	6121989	12/09/06 22:18
2,2-Dichloropropane	50.0	49.4		ug/L	99%	35 - 156	6121989	12/09/06 22:18
cis-1,3-Dichloropropene	50.0	48.4		ug/L	97%	70 - 135	6121989	12/09/06 22:18
trans-1,3-Dichloropropene	50.0	48.4		ug/L	97%	61 - 124	6121989	12/09/06 22:18
1,1-Dichloropropene	50.0	49.7		ug/L	99%	79 - 127	6121989	12/09/06 22:18
Ethylbenzene	50.0	50.7		ug/L	101%	82 - 122	6121989	12/09/06 22:18
Hexachlorobutadiene	50.0	50.9		ug/L	102%	66 - 137	6121989	12/09/06 22:18
2-Hexanone	250	234		ug/L	94%	72 - 136	6121989	12/09/06 22:18
Isopropylbenzene	50.0	49.1		ug/L	98%	75 - 121	6121989	12/09/06 22:18
p-Isopropyltoluene	50.0	51.7		ug/L	103%	76 - 133	6121989	12/09/06 22:18
Methyl tert-Butyl Ether	50.0	44.8		ug/L	90%	69 - 122	6121989	12/09/06 22:18
Methylene Chloride	50.0	44.7		ug/L	89%	75 - 127	6121989	12/09/06 22:18
4-Methyl-2-pentanone	250	239		ug/L	96%	77 - 132	6121989	12/09/06 22:18
Naphthalene	50.0	54.0		ug/L	108%	65 - 144	6121989	12/09/06 22:18
n-Propylbenzene	50.0	50.2		ug/L	100%	76 - 129	6121989	12/09/06 22:18
Styrene	50.0	59.8		ug/L	120%	80 - 130	6121989	12/09/06 22:18
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/L	106%	77 - 128	6121989	12/09/06 22:18
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L	96%	71 - 129	6121989	12/09/06 22:18
Tetrachloroethene	50.0	51.9		ug/L	104%	77 - 124	6121989	12/09/06 22:18
Toluene	50.0	51.0		ug/L	102%	80 - 120	6121989	12/09/06 22:18
1,2,3-Trichlorobenzene	50.0	51.4		ug/L	103%	69 - 140	6121989	12/09/06 22:18
1,2,4-Trichlorobenzene	50.0	52.3		ug/L	105%	68 - 135	6121989	12/09/06 22:18
1,1,2-Trichloroethane	50.0	49.8		ug/L	100%	83 - 120	6121989	12/09/06 22:18
1,1,1-Trichloroethane	50.0	52.6		ug/L	105%	69 - 128	6121989	12/09/06 22:18
Trichloroethene	50.0	51.9		ug/L	104%	73 - 133	6121989	12/09/06 22:18
Trichlorofluoromethane	50.0	58.3		ug/L	117%	57 - 139	6121989	12/09/06 22:18
1,2,3-Trichloropropane	50.0	43.5		ug/L	87%	68 - 129	6121989	12/09/06 22:18
1,3,5-Trimethylbenzene	50.0	51.4		ug/L	103%	78 - 129	6121989	12/09/06 22:18
1,2,4-Trimethylbenzene	50.0	53.9		ug/L	108%	78 - 126	6121989	12/09/06 22:18
Vinyl chloride	50.0	49.2		ug/L	98%	54 - 137	6121989	12/09/06 22:18
Xylenes, total	150	154		ug/L	103%	81 - 125	6121989	12/09/06 22:18
Surrogate: 1,2-Dichloroethane-d4	30.0	31.6			105%	70 - 130	6121989	12/09/06 22:18
Surrogate: Dibromofluoromethane	30.0	32.0			107%	79 - 122	6121989	12/09/06 22:18
Surrogate: Toluene-d8	30.0	30.1			100%	79 - 120	6121989	12/09/06 22:18
Surrogate: 4-Bromofluorobenzene	30.0	30.3			101%	78 - 126	6121989	12/09/06 22:18

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123284-BS1								
Acetone	250	221		ug/L	88%	63 - 147	6123284	12/09/06 22:18
Benzene	50.0	50.0		ug/L	100%	78 - 125	6123284	12/09/06 22:18
Bromobenzene	50.0	47.9		ug/L	96%	71 - 142	6123284	12/09/06 22:18
Bromochloromethane	50.0	52.0		ug/L	104%	76 - 129	6123284	12/09/06 22:18
Bromodichloromethane	50.0	50.3		ug/L	101%	71 - 134	6123284	12/09/06 22:18
Bromoform	50.0	53.3		ug/L	107%	49 - 129	6123284	12/09/06 22:18
Bromomethane	50.0	49.3		ug/L	99%	42 - 154	6123284	12/09/06 22:18
2-Butanone	250	238		ug/L	95%	74 - 130	6123284	12/09/06 22:18
sec-Butylbenzene	50.0	51.8		ug/L	104%	78 - 129	6123284	12/09/06 22:18
n-Butylbenzene	50.0	53.8		ug/L	108%	68 - 138	6123284	12/09/06 22:18
tert-Butylbenzene	50.0	52.2		ug/L	104%	79 - 128	6123284	12/09/06 22:18
Carbon disulfide	50.0	43.6		ug/L	87%	65 - 122	6123284	12/09/06 22:18
Carbon Tetrachloride	50.0	55.3		ug/L	111%	62 - 142	6123284	12/09/06 22:18
Chlorobenzene	50.0	51.0		ug/L	102%	82 - 125	6123284	12/09/06 22:18
Chlorodibromomethane	50.0	51.0		ug/L	102%	67 - 135	6123284	12/09/06 22:18
Chloroethane	50.0	56.5		ug/L	113%	57 - 138	6123284	12/09/06 22:18
Chloroform	50.0	51.5		ug/L	103%	75 - 122	6123284	12/09/06 22:18
Chloromethane	50.0	40.7		ug/L	81%	31 - 147	6123284	12/09/06 22:18
2-Chlorotoluene	50.0	50.3		ug/L	101%	74 - 135	6123284	12/09/06 22:18
4-Chlorotoluene	50.0	52.4		ug/L	105%	74 - 133	6123284	12/09/06 22:18
1,2-Dibromo-3-chloropropane	50.0	52.9		ug/L	106%	45 - 140	6123284	12/09/06 22:18
1,2-Dibromoethane (EDB)	50.0	51.3		ug/L	103%	80 - 132	6123284	12/09/06 22:18
Dibromomethane	50.0	53.1		ug/L	106%	69 - 132	6123284	12/09/06 22:18
1,4-Dichlorobenzene	50.0	51.4		ug/L	103%	79 - 125	6123284	12/09/06 22:18
1,3-Dichlorobenzene	50.0	51.5		ug/L	103%	77 - 132	6123284	12/09/06 22:18
1,2-Dichlorobenzene	50.0	51.9		ug/L	104%	82 - 133	6123284	12/09/06 22:18
Dichlorodifluoromethane	50.0	56.2		ug/L	112%	34 - 120	6123284	12/09/06 22:18
1,1-Dichloroethane	50.0	48.6		ug/L	97%	79 - 120	6123284	12/09/06 22:18
1,2-Dichloroethane	50.0	50.7		ug/L	101%	64 - 134	6123284	12/09/06 22:18
cis-1,2-Dichloroethene	50.0	49.5		ug/L	99%	71 - 126	6123284	12/09/06 22:18
1,1-Dichloroethene	50.0	53.7		ug/L	107%	71 - 123	6123284	12/09/06 22:18
trans-1,2-Dichloroethene	50.0	50.6		ug/L	101%	74 - 127	6123284	12/09/06 22:18
1,3-Dichloropropane	50.0	48.5		ug/L	97%	80 - 128	6123284	12/09/06 22:18
1,2-Dichloropropane	50.0	45.3		ug/L	91%	73 - 120	6123284	12/09/06 22:18
2,2-Dichloropropane	50.0	49.4		ug/L	99%	25 - 156	6123284	12/09/06 22:18
cis-1,3-Dichloropropene	50.0	48.4		ug/L	97%	70 - 135	6123284	12/09/06 22:18
trans-1,3-Dichloropropene	50.0	48.4		ug/L	97%	61 - 124	6123284	12/09/06 22:18
1,1-Dichloropropene	50.0	49.7		ug/L	99%	79 - 138	6123284	12/09/06 22:18
Ethylbenzene	50.0	50.7		ug/L	101%	73 - 134	6123284	12/09/06 22:18
Hexachlorobutadiene	50.0	50.9		ug/L	102%	58 - 145	6123284	12/09/06 22:18
2-Hexanone	250	234		ug/L	94%	72 - 136	6123284	12/09/06 22:18

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123284-BS1								
Isopropylbenzene	50.0	49.1		ug/L	98%	74 - 121	6123284	12/09/06 22:18
p-Isopropyltoluene	50.0	51.7		ug/L	103%	70 - 133	6123284	12/09/06 22:18
Methyl tert-Butyl Ether	50.0	44.8		ug/L	90%	69 - 122	6123284	12/09/06 22:18
Methylene Chloride	50.0	44.7		ug/L	89%	75 - 127	6123284	12/09/06 22:18
4-Methyl-2-pentanone	250	239		ug/L	96%	77 - 132	6123284	12/09/06 22:18
Naphthalene	50.0	54.0		ug/L	108%	65 - 145	6123284	12/09/06 22:18
n-Propylbenzene	50.0	50.2		ug/L	100%	76 - 133	6123284	12/09/06 22:18
Styrene	50.0	59.8		ug/L	120%	80 - 145	6123284	12/09/06 22:18
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/L	106%	72 - 136	6123284	12/09/06 22:18
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L	96%	71 - 137	6123284	12/09/06 22:18
Tetrachloroethene	50.0	51.9		ug/L	104%	70 - 131	6123284	12/09/06 22:18
Toluene	50.0	51.0		ug/L	102%	78 - 122	6123284	12/09/06 22:18
1,2,3-Trichlorobenzene	50.0	51.4		ug/L	103%	60 - 144	6123284	12/09/06 22:18
1,2,4-Trichlorobenzene	50.0	52.3		ug/L	105%	63 - 140	6123284	12/09/06 22:18
1,1,2-Trichloroethane	50.0	49.8		ug/L	100%	81 - 127	6123284	12/09/06 22:18
1,1,1-Trichloroethane	50.0	52.6		ug/L	105%	69 - 128	6123284	12/09/06 22:18
Trichloroethene	50.0	51.9		ug/L	104%	73 - 133	6123284	12/09/06 22:18
Trichlorofluoromethane	50.0	58.3		ug/L	117%	49 - 139	6123284	12/09/06 22:18
1,2,3-Trichloropropane	50.0	43.5		ug/L	87%	52 - 151	6123284	12/09/06 22:18
1,3,5-Trimethylbenzene	50.0	51.4		ug/L	103%	72 - 136	6123284	12/09/06 22:18
1,2,4-Trimethylbenzene	50.0	53.9		ug/L	108%	73 - 134	6123284	12/09/06 22:18
Vinyl chloride	50.0	49.2		ug/L	98%	54 - 137	6123284	12/09/06 22:18
Xylenes, total	150	154		ug/L	103%	79 - 130	6123284	12/09/06 22:18
Surrogate: 1,2-Dichloroethane-d4	30.0	31.6			105%	62 - 142	6123284	12/09/06 22:18
Surrogate: Dibromofluoromethane	30.0	32.0			107%	78 - 123	6123284	12/09/06 22:18
Surrogate: Toluene-d8	30.0	30.1			100%	79 - 120	6123284	12/09/06 22:18
Surrogate: 4-Bromofluorobenzene	30.0	30.3			101%	75 - 133	6123284	12/09/06 22:18

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6120893-MS1										
Alkalinity, Total (CaCO3)	356	459		ug/mL	100	103%	80 - 120	6120893	NPL0679-02	12/06/06 17:58
6120946-MS1										
Iron, ferrous	5.81	6.80		ug/mL	1.00	99%	75 - 125	6120946	NPL0625-01	12/06/06 20:32
6121002-MS1										
Chloride	7.32	10.2		ug/mL	3.00	96%	80 - 120	6121002	NPL0656-01	12/07/06 12:22
Nitrate as N	1.84	4.75		ug/mL	3.00	97%	80 - 120	6121002	NPL0656-01	12/07/06 12:22
Sulfate	170	0.00	MNR	ug/mL	15.0	-1133%	80 - 120	6121002	NPL0656-01	12/07/06 12:22
6121022-MS1										
Total Organic Carbon	ND	21.5		ug/mL	20.0	108%	75 - 127	6121022	NPL0492-05	12/18/06 02:21
6121069-MS1										
Sulfide	0.600	17.1		ug/mL	20.0	82%	79 - 113	6121069	NPL0383-01	12/07/06 22:44
Methane, Ethane, and Ethene by GC										
6120697-MS1										
Ethane	ND	2430		ug/L	2500	97%	65 - 117	6120697	NPL0656-01	12/09/06 17:25
Ethene	ND	2300		ug/L	2340	98%	66 - 117	6120697	NPL0656-01	12/09/06 17:25
Methane	ND	1560		ug/L	1330	117%	60 - 141	6120697	NPL0656-01	12/09/06 17:25
Surrogate: Acetylene		2140		ug/L	2160	99%	76 - 122	6120697	NPL0656-01	12/09/06 17:25
Volatile Organic Compounds by EPA Method 8260B										
6121050-MS1										
Acetone	ND	198		ug/L	250	79%	56 - 147	6121050	NPL0656-01	12/09/06 07:39
Benzene	ND	52.2		ug/L	50.0	104%	74 - 130	6121050	NPL0656-01	12/09/06 07:39
Bromobenzene	ND	49.2		ug/L	50.0	98%	71 - 129	6121050	NPL0656-01	12/09/06 07:39
Bromochloromethane	ND	51.7		ug/L	50.0	103%	73 - 134	6121050	NPL0656-01	12/09/06 07:39
Bromodichloromethane	ND	49.8		ug/L	50.0	100%	67 - 138	6121050	NPL0656-01	12/09/06 07:39
Bromoform	ND	50.7		ug/L	50.0	101%	41 - 129	6121050	NPL0656-01	12/09/06 07:39
Bromomethane	ND	49.1		ug/L	50.0	98%	29 - 171	6121050	NPL0656-01	12/09/06 07:39
2-Butanone	ND	211		ug/L	250	84%	62 - 142	6121050	NPL0656-01	12/09/06 07:39
sec-Butylbenzene	ND	53.4		ug/L	50.0	107%	68 - 139	6121050	NPL0656-01	12/09/06 07:39
n-Butylbenzene	ND	54.3		ug/L	50.0	109%	58 - 146	6121050	NPL0656-01	12/09/06 07:39
tert-Butylbenzene	ND	54.1		ug/L	50.0	108%	68 - 137	6121050	NPL0656-01	12/09/06 07:39
Carbon disulfide	ND	54.7		ug/L	50.0	109%	50 - 147	6121050	NPL0656-01	12/09/06 07:39
Carbon Tetrachloride	ND	56.3		ug/L	50.0	113%	60 - 147	6121050	NPL0656-01	12/09/06 07:39
Chlorobenzene	ND	52.1		ug/L	50.0	104%	79 - 124	6121050	NPL0656-01	12/09/06 07:39

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
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Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6121050-MS1										
Chlorodibromomethane	ND	51.2		ug/L	50.0	102%	62 - 130	6121050	NPL0656-01	12/09/06 07:39
Chloroethane	ND	60.6		ug/L	50.0	121%	57 - 150	6121050	NPL0656-01	12/09/06 07:39
Chloroform	ND	50.2		ug/L	50.0	100%	71 - 134	6121050	NPL0656-01	12/09/06 07:39
Chloromethane	ND	45.1		ug/L	50.0	90%	22 - 154	6121050	NPL0656-01	12/09/06 07:39
2-Chlorotoluene	ND	51.2		ug/L	50.0	102%	78 - 138	6121050	NPL0656-01	12/09/06 07:39
4-Chlorotoluene	ND	55.8		ug/L	50.0	112%	73 - 139	6121050	NPL0656-01	12/09/06 07:39
1,2-Dibromo-3-chloropropane	ND	46.5		ug/L	50.0	93%	47 - 133	6121050	NPL0656-01	12/09/06 07:39
1,2-Dibromoethane (EDB)	ND	50.2		ug/L	50.0	100%	79 - 132	6121050	NPL0656-01	12/09/06 07:39
Dibromomethane	ND	49.2		ug/L	50.0	98%	70 - 135	6121050	NPL0656-01	12/09/06 07:39
1,4-Dichlorobenzene	ND	50.7		ug/L	50.0	101%	72 - 126	6121050	NPL0656-01	12/09/06 07:39
1,3-Dichlorobenzene	ND	50.7		ug/L	50.0	101%	75 - 133	6121050	NPL0656-01	12/09/06 07:39
1,2-Dichlorobenzene	ND	50.3		ug/L	50.0	101%	80 - 131	6121050	NPL0656-01	12/09/06 07:39
Dichlorodifluoromethane	ND	55.6		ug/L	50.0	111%	19 - 126	6121050	NPL0656-01	12/09/06 07:39
1,1-Dichloroethane	ND	50.1		ug/L	50.0	100%	74 - 133	6121050	NPL0656-01	12/09/06 07:39
1,2-Dichloroethane	ND	48.2		ug/L	50.0	96%	62 - 140	6121050	NPL0656-01	12/09/06 07:39
cis-1,2-Dichloroethene	5.17	54.7		ug/L	50.0	99%	69 - 135	6121050	NPL0656-01	12/09/06 07:39
1,1-Dichloroethene	ND	55.2		ug/L	50.0	110%	67 - 139	6121050	NPL0656-01	12/09/06 07:39
trans-1,2-Dichloroethene	ND	51.9		ug/L	50.0	104%	68 - 138	6121050	NPL0656-01	12/09/06 07:39
1,3-Dichloropropane	ND	49.2		ug/L	50.0	98%	78 - 126	6121050	NPL0656-01	12/09/06 07:39
1,2-Dichloropropane	ND	49.4		ug/L	50.0	99%	75 - 128	6121050	NPL0656-01	12/09/06 07:39
2,2-Dichloropropane	ND	52.0		ug/L	50.0	104%	25 - 156	6121050	NPL0656-01	12/09/06 07:39
cis-1,3-Dichloropropene	ND	50.6		ug/L	50.0	101%	62 - 135	6121050	NPL0656-01	12/09/06 07:39
trans-1,3-Dichloropropene	ND	50.6		ug/L	50.0	101%	54 - 124	6121050	NPL0656-01	12/09/06 07:39
1,1-Dichloropropene	ND	54.3		ug/L	50.0	109%	73 - 134	6121050	NPL0656-01	12/09/06 07:39
Ethylbenzene	ND	52.2		ug/L	50.0	104%	74 - 134	6121050	NPL0656-01	12/09/06 07:39
Hexachlorobutadiene	ND	51.0	B	ug/L	50.0	102%	52 - 143	6121050	NPL0656-01	12/09/06 07:39
2-Hexanone	ND	221		ug/L	250	88%	67 - 138	6121050	NPL0656-01	12/09/06 07:39
Isopropylbenzene	ND	52.8		ug/L	50.0	106%	69 - 138	6121050	NPL0656-01	12/09/06 07:39
p-Isopropyltoluene	ND	53.5		ug/L	50.0	107%	66 - 141	6121050	NPL0656-01	12/09/06 07:39
Methyl tert-Butyl Ether	ND	46.5		ug/L	50.0	93%	62 - 135	6121050	NPL0656-01	12/09/06 07:39
Methylene Chloride	ND	44.6		ug/L	50.0	89%	71 - 130	6121050	NPL0656-01	12/09/06 07:39
4-Methyl-2-pentanone	ND	226		ug/L	250	90%	74 - 137	6121050	NPL0656-01	12/09/06 07:39
Naphthalene	ND	51.8		ug/L	50.0	104%	47 - 154	6121050	NPL0656-01	12/09/06 07:39
n-Propylbenzene	ND	53.4		ug/L	50.0	107%	67 - 140	6121050	NPL0656-01	12/09/06 07:39
Styrene	ND	51.7		ug/L	50.0	103%	64 - 138	6121050	NPL0656-01	12/09/06 07:39
1,1,1,2-Tetrachloroethane	ND	53.0		ug/L	50.0	106%	72 - 139	6121050	NPL0656-01	12/09/06 07:39
1,1,2,2-Tetrachloroethane	ND	47.0		ug/L	50.0	94%	71 - 134	6121050	NPL0656-01	12/09/06 07:39

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Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6121050-MS1										
Tetrachloroethene	ND	55.9		ug/L	50.0	112%	71 - 132	6121050	NPL0656-01	12/09/06 07:39
Toluene	ND	53.0		ug/L	50.0	106%	73 - 133	6121050	NPL0656-01	12/09/06 07:39
1,2,3-Trichlorobenzene	ND	49.1		ug/L	50.0	98%	57 - 142	6121050	NPL0656-01	12/09/06 07:39
1,2,4-Trichlorobenzene	ND	51.2		ug/L	50.0	102%	56 - 139	6121050	NPL0656-01	12/09/06 07:39
1,1,2-Trichloroethane	ND	49.9		ug/L	50.0	100%	78 - 125	6121050	NPL0656-01	12/09/06 07:39
1,1,1-Trichloroethane	ND	53.7		ug/L	50.0	107%	66 - 142	6121050	NPL0656-01	12/09/06 07:39
Trichloroethene	115	161		ug/L	50.0	92%	70 - 137	6121050	NPL0656-01	12/09/06 07:39
Trichlorofluoromethane	ND	57.2		ug/L	50.0	114%	57 - 149	6121050	NPL0656-01	12/09/06 07:39
1,2,3-Trichloropropane	ND	45.0		ug/L	50.0	90%	63 - 135	6121050	NPL0656-01	12/09/06 07:39
1,3,5-Trimethylbenzene	ND	53.2		ug/L	50.0	106%	65 - 140	6121050	NPL0656-01	12/09/06 07:39
1,2,4-Trimethylbenzene	ND	53.8		ug/L	50.0	108%	60 - 143	6121050	NPL0656-01	12/09/06 07:39
Vinyl chloride	ND	52.3		ug/L	50.0	105%	49 - 148	6121050	NPL0656-01	12/09/06 07:39
Xylenes, total	ND	169		ug/L	150	113%	68 - 139	6121050	NPL0656-01	12/09/06 07:39
Surrogate: 1,2-Dichloroethane-d4		28.8		ug/L	30.0	96%	70 - 130	6121050	NPL0656-01	12/09/06 07:39
Surrogate: Dibromofluoromethane		30.2		ug/L	30.0	101%	79 - 122	6121050	NPL0656-01	12/09/06 07:39
Surrogate: Toluene-d8		31.0		ug/L	30.0	103%	79 - 120	6121050	NPL0656-01	12/09/06 07:39
Surrogate: 4-Bromofluorobenzene		31.0		ug/L	30.0	103%	78 - 126	6121050	NPL0656-01	12/09/06 07:39
6121989-MS1										
Acetone	ND	243		ug/L	250	97%	56 - 147	6121989	NPL0376-23	12/10/06 07:51
Benzene	22.7	76.1		ug/L	50.0	107%	74 - 130	6121989	NPL0376-23	12/10/06 07:51
Bromobenzene	ND	49.3		ug/L	50.0	99%	71 - 129	6121989	NPL0376-23	12/10/06 07:51
Bromochloromethane	ND	54.4		ug/L	50.0	109%	73 - 134	6121989	NPL0376-23	12/10/06 07:51
Bromodichloromethane	ND	57.4		ug/L	50.0	115%	67 - 138	6121989	NPL0376-23	12/10/06 07:51
Bromoform	ND	54.9		ug/L	50.0	110%	41 - 129	6121989	NPL0376-23	12/10/06 07:51
Bromomethane	ND	45.2		ug/L	50.0	90%	29 - 171	6121989	NPL0376-23	12/10/06 07:51
2-Butanone	ND	247		ug/L	250	99%	62 - 142	6121989	NPL0376-23	12/10/06 07:51
sec-Butylbenzene	ND	53.8		ug/L	50.0	108%	68 - 139	6121989	NPL0376-23	12/10/06 07:51
n-Butylbenzene	ND	56.1		ug/L	50.0	112%	58 - 146	6121989	NPL0376-23	12/10/06 07:51
tert-Butylbenzene	ND	53.6		ug/L	50.0	107%	68 - 137	6121989	NPL0376-23	12/10/06 07:51
Carbon disulfide	ND	53.8		ug/L	50.0	108%	50 - 147	6121989	NPL0376-23	12/10/06 07:51
Carbon Tetrachloride	ND	66.2		ug/L	50.0	132%	60 - 147	6121989	NPL0376-23	12/10/06 07:51
Chlorobenzene	ND	52.3		ug/L	50.0	105%	79 - 124	6121989	NPL0376-23	12/10/06 07:51
Chlorodibromomethane	ND	54.2		ug/L	50.0	108%	62 - 130	6121989	NPL0376-23	12/10/06 07:51
Chloroethane	ND	59.7		ug/L	50.0	119%	57 - 150	6121989	NPL0376-23	12/10/06 07:51
Chloroform	ND	56.6		ug/L	50.0	113%	71 - 134	6121989	NPL0376-23	12/10/06 07:51
Chloromethane	ND	37.6		ug/L	50.0	75%	22 - 154	6121989	NPL0376-23	12/10/06 07:51
2-Chlorotoluene	ND	51.3		ug/L	50.0	103%	78 - 138	6121989	NPL0376-23	12/10/06 07:51

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Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6121989-MS1										
4-Chlorotoluene	ND	55.1		ug/L	50.0	110%	73 - 139	6121989	NPL0376-23	12/10/06 07:51
1,2-Dibromo-3-chloropropane	ND	50.9		ug/L	50.0	102%	47 - 133	6121989	NPL0376-23	12/10/06 07:51
1,2-Dibromoethane (EDB)	ND	51.4		ug/L	50.0	103%	79 - 132	6121989	NPL0376-23	12/10/06 07:51
Dibromomethane	ND	55.9		ug/L	50.0	112%	70 - 135	6121989	NPL0376-23	12/10/06 07:51
1,4-Dichlorobenzene	ND	52.5		ug/L	50.0	105%	72 - 126	6121989	NPL0376-23	12/10/06 07:51
1,3-Dichlorobenzene	ND	52.6		ug/L	50.0	105%	75 - 133	6121989	NPL0376-23	12/10/06 07:51
1,2-Dichlorobenzene	ND	52.7		ug/L	50.0	105%	80 - 131	6121989	NPL0376-23	12/10/06 07:51
Dichlorodifluoromethane	ND	36.6		ug/L	50.0	73%	19 - 126	6121989	NPL0376-23	12/10/06 07:51
1,1-Dichloroethane	ND	55.0		ug/L	50.0	110%	74 - 133	6121989	NPL0376-23	12/10/06 07:51
1,2-Dichloroethane	ND	58.1		ug/L	50.0	116%	62 - 140	6121989	NPL0376-23	12/10/06 07:51
cis-1,2-Dichloroethene	ND	53.3		ug/L	50.0	107%	69 - 135	6121989	NPL0376-23	12/10/06 07:51
1,1-Dichloroethene	ND	57.1		ug/L	50.0	114%	67 - 139	6121989	NPL0376-23	12/10/06 07:51
trans-1,2-Dichloroethene	ND	54.7		ug/L	50.0	109%	68 - 138	6121989	NPL0376-23	12/10/06 07:51
1,3-Dichloropropane	ND	49.8		ug/L	50.0	100%	78 - 126	6121989	NPL0376-23	12/10/06 07:51
1,2-Dichloropropane	ND	50.6		ug/L	50.0	101%	75 - 128	6121989	NPL0376-23	12/10/06 07:51
2,2-Dichloropropane	ND	51.4		ug/L	50.0	103%	25 - 156	6121989	NPL0376-23	12/10/06 07:51
cis-1,3-Dichloropropene	ND	48.8		ug/L	50.0	98%	62 - 135	6121989	NPL0376-23	12/10/06 07:51
trans-1,3-Dichloropropene	ND	48.8		ug/L	50.0	98%	54 - 124	6121989	NPL0376-23	12/10/06 07:51
1,1-Dichloropropene	ND	55.4		ug/L	50.0	111%	73 - 134	6121989	NPL0376-23	12/10/06 07:51
Ethylbenzene	ND	52.9		ug/L	50.0	106%	74 - 134	6121989	NPL0376-23	12/10/06 07:51
Hexachlorobutadiene	ND	51.8		ug/L	50.0	104%	52 - 143	6121989	NPL0376-23	12/10/06 07:51
2-Hexanone	ND	241		ug/L	250	96%	67 - 138	6121989	NPL0376-23	12/10/06 07:51
Isopropylbenzene	0.770	54.8		ug/L	50.0	108%	69 - 138	6121989	NPL0376-23	12/10/06 07:51
p-Isopropyltoluene	ND	53.8		ug/L	50.0	108%	66 - 141	6121989	NPL0376-23	12/10/06 07:51
Methyl tert-Butyl Ether	23.1	73.7		ug/L	50.0	101%	62 - 135	6121989	NPL0376-23	12/10/06 07:51
Methylene Chloride	ND	47.1		ug/L	50.0	94%	71 - 130	6121989	NPL0376-23	12/10/06 07:51
4-Methyl-2-pentanone	ND	249		ug/L	250	100%	74 - 137	6121989	NPL0376-23	12/10/06 07:51
Naphthalene	ND	52.7		ug/L	50.0	105%	47 - 154	6121989	NPL0376-23	12/10/06 07:51
n-Propylbenzene	ND	52.8		ug/L	50.0	106%	67 - 140	6121989	NPL0376-23	12/10/06 07:51
Styrene	ND	51.2		ug/L	50.0	102%	64 - 138	6121989	NPL0376-23	12/10/06 07:51
1,1,1,2-Tetrachloroethane	ND	56.5		ug/L	50.0	113%	72 - 139	6121989	NPL0376-23	12/10/06 07:51
1,1,2,2-Tetrachloroethane	ND	48.5		ug/L	50.0	97%	71 - 134	6121989	NPL0376-23	12/10/06 07:51
Tetrachloroethene	ND	55.6		ug/L	50.0	111%	71 - 132	6121989	NPL0376-23	12/10/06 07:51
Toluene	0.720	52.1		ug/L	50.0	103%	73 - 133	6121989	NPL0376-23	12/10/06 07:51
1,2,3-Trichlorobenzene	ND	50.0		ug/L	50.0	100%	57 - 142	6121989	NPL0376-23	12/10/06 07:51
1,2,4-Trichlorobenzene	ND	51.2		ug/L	50.0	102%	56 - 139	6121989	NPL0376-23	12/10/06 07:51
1,1,2-Trichloroethane	ND	51.0		ug/L	50.0	102%	78 - 125	6121989	NPL0376-23	12/10/06 07:51

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

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Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6121989-MS1										
1,1,1-Trichloroethane	ND	62.0		ug/L	50.0	124%	66 - 142	6121989	NPL0376-23	12/10/06 07:51
Trichloroethene	ND	55.2		ug/L	50.0	110%	70 - 137	6121989	NPL0376-23	12/10/06 07:51
Trichlorofluoromethane	ND	66.8		ug/L	50.0	134%	57 - 149	6121989	NPL0376-23	12/10/06 07:51
1,2,3-Trichloropropane	ND	48.1		ug/L	50.0	96%	63 - 135	6121989	NPL0376-23	12/10/06 07:51
1,3,5-Trimethylbenzene	ND	52.8		ug/L	50.0	106%	65 - 140	6121989	NPL0376-23	12/10/06 07:51
1,2,4-Trimethylbenzene	ND	53.9		ug/L	50.0	108%	60 - 143	6121989	NPL0376-23	12/10/06 07:51
Vinyl chloride	ND	45.1		ug/L	50.0	90%	49 - 148	6121989	NPL0376-23	12/10/06 07:51
Xylenes, total	ND	163		ug/L	150	109%	68 - 139	6121989	NPL0376-23	12/10/06 07:51
Surrogate: 1,2-Dichloroethane-d4		34.2		ug/L	30.0	114%	70 - 130	6121989	NPL0376-23	12/10/06 07:51
Surrogate: Dibromofluoromethane		32.9		ug/L	30.0	110%	79 - 122	6121989	NPL0376-23	12/10/06 07:51
Surrogate: Toluene-d8		30.1		ug/L	30.0	100%	79 - 120	6121989	NPL0376-23	12/10/06 07:51
Surrogate: 4-Bromofluorobenzene		30.0		ug/L	30.0	100%	78 - 126	6121989	NPL0376-23	12/10/06 07:51

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6120893-MSD1												
Alkalinity, Total (CaCO3)	356	455		ug/mL	100	99%	80 - 120	0.9	20	6120893	NPL0679-02	12/06/06 17:58
6120946-MSD1												
Iron, ferrous	5.81	6.84		ug/mL	1.00	103%	75 - 125	0.6	20	6120946	NPL0625-01	12/06/06 20:38
6121002-MSD1												
Chloride	7.32	10.0		ug/mL	3.00	89%	80 - 120	2	20	6121002	NPL0656-01	12/07/06 12:37
Nitrate as N	1.84	4.74		ug/mL	3.00	97%	80 - 120	0.2	20	6121002	NPL0656-01	12/07/06 12:37
Sulfate	170	0.00	MNR	ug/mL	15.0	-1133%	80 - 120		20	6121002	NPL0656-01	12/07/06 12:37
6121022-MSD1												
Total Organic Carbon	ND	20.3		ug/mL	20.0	102%	75 - 127	6	20	6121022	NPL0492-05	12/18/06 02:21
6121069-MSD1												
Sulfide	0.600	17.3		ug/mL	20.0	83%	79 - 113	1	10	6121069	NPL0383-01	12/07/06 22:44
Methane, Ethane, and Ethene by GC												
6120697-MSD1												
Ethane	ND	2440		ug/L	2500	98%	65 - 117	0.4	21	6120697	NPL0656-01	12/09/06 17:28
Ethene	ND	2290		ug/L	2340	98%	66 - 117	0.4	20	6120697	NPL0656-01	12/09/06 17:28
Methane	ND	1600		ug/L	1330	120%	60 - 141	3	29	6120697	NPL0656-01	12/09/06 17:28
Surrogate: Acetylene		2180		ug/L	2160	101%	76 - 122			6120697	NPL0656-01	12/09/06 17:28
Volatile Organic Compounds by EPA Method 8260B												
6121050-MSD1												
Acetone	ND	208		ug/L	250	83%	56 - 147	5	22	6121050	NPL0656-01	12/09/06 08:04
Benzene	ND	50.5		ug/L	50.0	101%	74 - 130	3	15	6121050	NPL0656-01	12/09/06 08:04
Bromobenzene	ND	48.1		ug/L	50.0	96%	71 - 129	2	17	6121050	NPL0656-01	12/09/06 08:04
Bromochloromethane	ND	49.9		ug/L	50.0	100%	73 - 134	4	15	6121050	NPL0656-01	12/09/06 08:04
Bromodichloromethane	ND	49.5		ug/L	50.0	99%	67 - 138	0.6	16	6121050	NPL0656-01	12/09/06 08:04
Bromoform	ND	50.5		ug/L	50.0	101%	41 - 129	0.4	19	6121050	NPL0656-01	12/09/06 08:04
Bromomethane	ND	48.7		ug/L	50.0	97%	29 - 171	0.8	31	6121050	NPL0656-01	12/09/06 08:04
2-Butanone	ND	228		ug/L	250	91%	62 - 142	8	17	6121050	NPL0656-01	12/09/06 08:04
sec-Butylbenzene	ND	52.0		ug/L	50.0	104%	68 - 139	3	21	6121050	NPL0656-01	12/09/06 08:04
n-Butylbenzene	ND	54.7		ug/L	50.0	109%	58 - 146	0.7	21	6121050	NPL0656-01	12/09/06 08:04
tert-Butylbenzene	ND	53.0		ug/L	50.0	106%	68 - 137	2	20	6121050	NPL0656-01	12/09/06 08:04
Carbon disulfide	ND	53.0		ug/L	50.0	106%	50 - 147	3	25	6121050	NPL0656-01	12/09/06 08:04
Carbon Tetrachloride	ND	54.4		ug/L	50.0	109%	60 - 147	3	18	6121050	NPL0656-01	12/09/06 08:04
Chlorobenzene	ND	50.2		ug/L	50.0	100%	79 - 124	4	15	6121050	NPL0656-01	12/09/06 08:04
Chlorodibromomethane	ND	50.8		ug/L	50.0	102%	62 - 130	0.8	16	6121050	NPL0656-01	12/09/06 08:04
Chloroethane	ND	56.1		ug/L	50.0	112%	57 - 150	8	24	6121050	NPL0656-01	12/09/06 08:04
Chloroform	ND	48.7		ug/L	50.0	97%	71 - 134	3	16	6121050	NPL0656-01	12/09/06 08:04

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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6121050-MSD1												
Chloromethane	ND	43.4		ug/L	50.0	87%	22 - 154	4	32	6121050	NPL0656-01	12/09/06 08:04
2-Chlorotoluene	ND	49.8		ug/L	50.0	100%	78 - 138	3	17	6121050	NPL0656-01	12/09/06 08:04
4-Chlorotoluene	ND	54.1		ug/L	50.0	108%	73 - 139	3	16	6121050	NPL0656-01	12/09/06 08:04
1,2-Dibromo-3-chloropropane	ND	49.5		ug/L	50.0	99%	47 - 133	6	20	6121050	NPL0656-01	12/09/06 08:04
1,2-Dibromoethane (EDB)	ND	49.0		ug/L	50.0	98%	79 - 132	2	16	6121050	NPL0656-01	12/09/06 08:04
Dibromomethane	ND	49.4		ug/L	50.0	99%	70 - 135	0.4	16	6121050	NPL0656-01	12/09/06 08:04
1,4-Dichlorobenzene	ND	49.3		ug/L	50.0	99%	72 - 126	3	16	6121050	NPL0656-01	12/09/06 08:04
1,3-Dichlorobenzene	ND	50.0		ug/L	50.0	100%	75 - 133	1	17	6121050	NPL0656-01	12/09/06 08:04
1,2-Dichlorobenzene	ND	50.3		ug/L	50.0	101%	80 - 131	0	16	6121050	NPL0656-01	12/09/06 08:04
Dichlorodifluoromethane	ND	55.3		ug/L	50.0	111%	19 - 126	0.5	21	6121050	NPL0656-01	12/09/06 08:04
1,1-Dichloroethane	ND	48.9		ug/L	50.0	98%	74 - 133	2	17	6121050	NPL0656-01	12/09/06 08:04
1,2-Dichloroethane	ND	46.6		ug/L	50.0	93%	62 - 140	3	17	6121050	NPL0656-01	12/09/06 08:04
cis-1,2-Dichloroethene	5.17	53.7		ug/L	50.0	97%	69 - 135	2	16	6121050	NPL0656-01	12/09/06 08:04
1,1-Dichloroethene	ND	53.4		ug/L	50.0	107%	67 - 139	3	20	6121050	NPL0656-01	12/09/06 08:04
trans-1,2-Dichloroethene	ND	49.7		ug/L	50.0	99%	68 - 138	4	18	6121050	NPL0656-01	12/09/06 08:04
1,3-Dichloropropane	ND	47.8		ug/L	50.0	96%	78 - 126	3	14	6121050	NPL0656-01	12/09/06 08:04
1,2-Dichloropropane	ND	48.1		ug/L	50.0	96%	75 - 128	3	15	6121050	NPL0656-01	12/09/06 08:04
2,2-Dichloropropane	ND	50.5		ug/L	50.0	101%	25 - 156	3	16	6121050	NPL0656-01	12/09/06 08:04
cis-1,3-Dichloropropene	ND	48.7		ug/L	50.0	97%	62 - 135	4	19	6121050	NPL0656-01	12/09/06 08:04
trans-1,3-Dichloropropene	ND	48.7		ug/L	50.0	97%	54 - 124	4	18	6121050	NPL0656-01	12/09/06 08:04
1,1-Dichloropropene	ND	52.6		ug/L	50.0	105%	73 - 134	3	17	6121050	NPL0656-01	12/09/06 08:04
Ethylbenzene	ND	50.1		ug/L	50.0	100%	74 - 134	4	15	6121050	NPL0656-01	12/09/06 08:04
Hexachlorobutadiene	ND	51.5	B	ug/L	50.0	103%	52 - 143	1	26	6121050	NPL0656-01	12/09/06 08:04
2-Hexanone	ND	228		ug/L	250	91%	67 - 138	3	18	6121050	NPL0656-01	12/09/06 08:04
Isopropylbenzene	ND	51.0		ug/L	50.0	102%	69 - 138	3	17	6121050	NPL0656-01	12/09/06 08:04
p-Isopropyltoluene	ND	53.5		ug/L	50.0	107%	66 - 141	0	21	6121050	NPL0656-01	12/09/06 08:04
Methyl tert-Butyl Ether	ND	46.2		ug/L	50.0	92%	62 - 135	0.6	16	6121050	NPL0656-01	12/09/06 08:04
Methylene Chloride	ND	43.4		ug/L	50.0	87%	71 - 130	3	19	6121050	NPL0656-01	12/09/06 08:04
4-Methyl-2-pentanone	ND	232		ug/L	250	93%	74 - 137	3	16	6121050	NPL0656-01	12/09/06 08:04
Naphthalene	ND	52.4		ug/L	50.0	105%	47 - 154	1	34	6121050	NPL0656-01	12/09/06 08:04
n-Propylbenzene	ND	51.8		ug/L	50.0	104%	67 - 140	3	18	6121050	NPL0656-01	12/09/06 08:04
Styrene	ND	50.2		ug/L	50.0	100%	64 - 138	3	22	6121050	NPL0656-01	12/09/06 08:04
1,1,1,2-Tetrachloroethane	ND	50.7		ug/L	50.0	101%	72 - 139	4	16	6121050	NPL0656-01	12/09/06 08:04
1,1,2,2-Tetrachloroethane	ND	46.1		ug/L	50.0	92%	71 - 134	2	16	6121050	NPL0656-01	12/09/06 08:04
Tetrachloroethene	ND	53.6		ug/L	50.0	107%	71 - 132	4	20	6121050	NPL0656-01	12/09/06 08:04
Toluene	ND	50.9		ug/L	50.0	102%	73 - 133	4	15	6121050	NPL0656-01	12/09/06 08:04
1,2,3-Trichlorobenzene	ND	52.5		ug/L	50.0	105%	57 - 142	7	33	6121050	NPL0656-01	12/09/06 08:04
1,2,4-Trichlorobenzene	ND	52.6		ug/L	50.0	105%	56 - 139	3	25	6121050	NPL0656-01	12/09/06 08:04
1,1,2-Trichloroethane	ND	47.9		ug/L	50.0	96%	78 - 125	4	15	6121050	NPL0656-01	12/09/06 08:04
1,1,1-Trichloroethane	ND	51.9		ug/L	50.0	104%	66 - 142	3	17	6121050	NPL0656-01	12/09/06 08:04
Trichloroethene	115	159		ug/L	50.0	88%	70 - 137	1	17	6121050	NPL0656-01	12/09/06 08:04

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PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6121050-MSD1												
Trichlorofluoromethane	ND	56.7		ug/L	50.0	113%	57 - 149	0.9	23	6121050	NPL0656-01	12/09/06 08:04
1,2,3-Trichloropropane	ND	45.1		ug/L	50.0	90%	63 - 135	0.2	18	6121050	NPL0656-01	12/09/06 08:04
1,3,5-Trimethylbenzene	ND	51.9		ug/L	50.0	104%	65 - 140	2	20	6121050	NPL0656-01	12/09/06 08:04
1,2,4-Trimethylbenzene	ND	52.4		ug/L	50.0	105%	60 - 143	3	18	6121050	NPL0656-01	12/09/06 08:04
Vinyl chloride	ND	51.3		ug/L	50.0	103%	49 - 148	2	23	6121050	NPL0656-01	12/09/06 08:04
Xylenes, total	ND	157		ug/L	150	105%	68 - 139	7	16	6121050	NPL0656-01	12/09/06 08:04
Surrogate: 1,2-Dichloroethane-d4		28.7		ug/L	30.0	96%	70 - 130			6121050	NPL0656-01	12/09/06 08:04
Surrogate: Dibromofluoromethane		30.5		ug/L	30.0	102%	79 - 122			6121050	NPL0656-01	12/09/06 08:04
Surrogate: Toluene-d8		31.0		ug/L	30.0	103%	79 - 120			6121050	NPL0656-01	12/09/06 08:04
Surrogate: 4-Bromofluorobenzene		31.0		ug/L	30.0	103%	78 - 126			6121050	NPL0656-01	12/09/06 08:04
6121989-MSD1												
Acetone	ND	247		ug/L	250	99%	56 - 147	2	22	6121989	NPL0376-23	12/10/06 08:16
Benzene	22.7	74.4		ug/L	50.0	103%	74 - 130	2	15	6121989	NPL0376-23	12/10/06 08:16
Bromobenzene	ND	48.5		ug/L	50.0	97%	71 - 129	2	17	6121989	NPL0376-23	12/10/06 08:16
Bromochloromethane	ND	54.4		ug/L	50.0	109%	73 - 134	0	15	6121989	NPL0376-23	12/10/06 08:16
Bromodichloromethane	ND	56.6		ug/L	50.0	113%	67 - 138	1	16	6121989	NPL0376-23	12/10/06 08:16
Bromoform	ND	55.3		ug/L	50.0	111%	41 - 129	0.7	19	6121989	NPL0376-23	12/10/06 08:16
Bromomethane	ND	53.5		ug/L	50.0	107%	29 - 171	17	31	6121989	NPL0376-23	12/10/06 08:16
2-Butanone	ND	247		ug/L	250	99%	62 - 142	0	17	6121989	NPL0376-23	12/10/06 08:16
sec-Butylbenzene	ND	54.2		ug/L	50.0	108%	68 - 139	0.7	21	6121989	NPL0376-23	12/10/06 08:16
n-Butylbenzene	ND	56.3		ug/L	50.0	113%	58 - 146	0.4	21	6121989	NPL0376-23	12/10/06 08:16
tert-Butylbenzene	ND	54.0		ug/L	50.0	108%	68 - 137	0.7	20	6121989	NPL0376-23	12/10/06 08:16
Carbon disulfide	ND	53.2		ug/L	50.0	106%	50 - 147	1	25	6121989	NPL0376-23	12/10/06 08:16
Carbon Tetrachloride	ND	66.3		ug/L	50.0	133%	60 - 147	0.2	18	6121989	NPL0376-23	12/10/06 08:16
Chlorobenzene	ND	51.8		ug/L	50.0	104%	79 - 124	1	15	6121989	NPL0376-23	12/10/06 08:16
Chlorodibromomethane	ND	54.9		ug/L	50.0	110%	62 - 130	1	16	6121989	NPL0376-23	12/10/06 08:16
Chloroethane	ND	58.1		ug/L	50.0	116%	57 - 150	3	24	6121989	NPL0376-23	12/10/06 08:16
Chloroform	ND	56.0		ug/L	50.0	112%	71 - 134	1	16	6121989	NPL0376-23	12/10/06 08:16
Chloromethane	ND	37.4		ug/L	50.0	75%	22 - 154	0.5	32	6121989	NPL0376-23	12/10/06 08:16
2-Chlorotoluene	ND	50.4		ug/L	50.0	101%	78 - 138	2	17	6121989	NPL0376-23	12/10/06 08:16
4-Chlorotoluene	ND	54.2		ug/L	50.0	108%	73 - 139	2	16	6121989	NPL0376-23	12/10/06 08:16
1,2-Dibromo-3-chloropropane	ND	51.1		ug/L	50.0	102%	47 - 133	0.4	20	6121989	NPL0376-23	12/10/06 08:16
1,2-Dibromoethane (EDB)	ND	51.6		ug/L	50.0	103%	79 - 132	0.4	16	6121989	NPL0376-23	12/10/06 08:16
Dibromomethane	ND	55.6		ug/L	50.0	111%	70 - 135	0.5	16	6121989	NPL0376-23	12/10/06 08:16
1,4-Dichlorobenzene	ND	51.8		ug/L	50.0	104%	72 - 126	1	16	6121989	NPL0376-23	12/10/06 08:16
1,3-Dichlorobenzene	ND	52.7		ug/L	50.0	105%	75 - 133	0.2	17	6121989	NPL0376-23	12/10/06 08:16
1,2-Dichlorobenzene	ND	51.9		ug/L	50.0	104%	80 - 131	2	16	6121989	NPL0376-23	12/10/06 08:16
Dichlorodifluoromethane	ND	35.4		ug/L	50.0	71%	19 - 126	3	21	6121989	NPL0376-23	12/10/06 08:16
1,1-Dichloroethane	ND	54.1		ug/L	50.0	108%	74 - 133	2	17	6121989	NPL0376-23	12/10/06 08:16
1,2-Dichloroethane	ND	56.6		ug/L	50.0	113%	62 - 140	3	17	6121989	NPL0376-23	12/10/06 08:16

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6121989-MSD1												
cis-1,2-Dichloroethene	ND	52.8		ug/L	50.0	106%	69 - 135	0.9	16	6121989	NPL0376-23	12/10/06 08:16
1,1-Dichloroethene	ND	56.9		ug/L	50.0	114%	67 - 139	0.4	20	6121989	NPL0376-23	12/10/06 08:16
trans-1,2-Dichloroethene	ND	54.8		ug/L	50.0	110%	68 - 138	0.2	18	6121989	NPL0376-23	12/10/06 08:16
1,3-Dichloropropane	ND	49.7		ug/L	50.0	99%	78 - 126	0.2	14	6121989	NPL0376-23	12/10/06 08:16
1,2-Dichloropropane	ND	50.6		ug/L	50.0	101%	75 - 128	0	15	6121989	NPL0376-23	12/10/06 08:16
2,2-Dichloropropane	ND	52.3		ug/L	50.0	105%	25 - 156	2	16	6121989	NPL0376-23	12/10/06 08:16
cis-1,3-Dichloropropene	ND	50.2		ug/L	50.0	100%	62 - 135	3	19	6121989	NPL0376-23	12/10/06 08:16
trans-1,3-Dichloropropene	ND	50.2		ug/L	50.0	100%	54 - 124	3	18	6121989	NPL0376-23	12/10/06 08:16
1,1-Dichloropropene	ND	55.7		ug/L	50.0	111%	73 - 134	0.5	17	6121989	NPL0376-23	12/10/06 08:16
Ethylbenzene	ND	52.1		ug/L	50.0	104%	74 - 134	2	15	6121989	NPL0376-23	12/10/06 08:16
Hexachlorobutadiene	ND	52.4		ug/L	50.0	105%	52 - 143	1	26	6121989	NPL0376-23	12/10/06 08:16
2-Hexanone	ND	235		ug/L	250	94%	67 - 138	3	18	6121989	NPL0376-23	12/10/06 08:16
Isopropylbenzene	0.770	54.1		ug/L	50.0	107%	69 - 138	1	17	6121989	NPL0376-23	12/10/06 08:16
p-Isopropyltoluene	ND	54.5		ug/L	50.0	109%	66 - 141	1	21	6121989	NPL0376-23	12/10/06 08:16
Methyl tert-Butyl Ether	23.1	75.7		ug/L	50.0	105%	62 - 135	3	16	6121989	NPL0376-23	12/10/06 08:16
Methylene Chloride	ND	46.2		ug/L	50.0	92%	71 - 130	2	19	6121989	NPL0376-23	12/10/06 08:16
4-Methyl-2-pentanone	ND	244		ug/L	250	98%	74 - 137	2	16	6121989	NPL0376-23	12/10/06 08:16
Naphthalene	ND	52.9		ug/L	50.0	106%	47 - 154	0.4	34	6121989	NPL0376-23	12/10/06 08:16
n-Propylbenzene	ND	51.9		ug/L	50.0	104%	67 - 140	2	18	6121989	NPL0376-23	12/10/06 08:16
Styrene	ND	50.0		ug/L	50.0	100%	64 - 138	2	22	6121989	NPL0376-23	12/10/06 08:16
1,1,1,2-Tetrachloroethane	ND	55.5		ug/L	50.0	111%	72 - 139	2	16	6121989	NPL0376-23	12/10/06 08:16
1,1,2,2-Tetrachloroethane	ND	46.6		ug/L	50.0	93%	71 - 134	4	16	6121989	NPL0376-23	12/10/06 08:16
Tetrachloroethene	ND	55.1		ug/L	50.0	110%	71 - 132	0.9	20	6121989	NPL0376-23	12/10/06 08:16
Toluene	0.720	52.4		ug/L	50.0	103%	73 - 133	0.6	15	6121989	NPL0376-23	12/10/06 08:16
1,2,3-Trichlorobenzene	ND	52.2		ug/L	50.0	104%	57 - 142	4	33	6121989	NPL0376-23	12/10/06 08:16
1,2,4-Trichlorobenzene	ND	52.1		ug/L	50.0	104%	56 - 139	2	25	6121989	NPL0376-23	12/10/06 08:16
1,1,2-Trichloroethane	ND	50.7		ug/L	50.0	101%	78 - 125	0.6	15	6121989	NPL0376-23	12/10/06 08:16
1,1,1-Trichloroethane	ND	61.7		ug/L	50.0	123%	66 - 142	0.5	17	6121989	NPL0376-23	12/10/06 08:16
Trichloroethene	ND	55.0		ug/L	50.0	110%	70 - 137	0.4	17	6121989	NPL0376-23	12/10/06 08:16
Trichlorofluoromethane	ND	65.6		ug/L	50.0	131%	57 - 149	2	23	6121989	NPL0376-23	12/10/06 08:16
1,2,3-Trichloropropane	ND	46.2		ug/L	50.0	92%	63 - 135	4	18	6121989	NPL0376-23	12/10/06 08:16
1,3,5-Trimethylbenzene	ND	51.6		ug/L	50.0	103%	65 - 140	2	20	6121989	NPL0376-23	12/10/06 08:16
1,2,4-Trimethylbenzene	ND	53.6		ug/L	50.0	107%	60 - 143	0.6	18	6121989	NPL0376-23	12/10/06 08:16
Vinyl chloride	ND	44.7		ug/L	50.0	89%	49 - 148	0.9	23	6121989	NPL0376-23	12/10/06 08:16
Xylenes, total	ND	159		ug/L	150	106%	68 - 139	2	16	6121989	NPL0376-23	12/10/06 08:16
Surrogate: 1,2-Dichloroethane-d4		33.4		ug/L	30.0	111%	70 - 130			6121989	NPL0376-23	12/10/06 08:16
Surrogate: Dibromofluoromethane		33.8		ug/L	30.0	113%	79 - 122			6121989	NPL0376-23	12/10/06 08:16
Surrogate: Toluene-d8		29.8		ug/L	30.0	99%	79 - 120			6121989	NPL0376-23	12/10/06 08:16
Surrogate: 4-Bromofluorobenzene		29.6		ug/L	30.0	99%	78 - 126			6121989	NPL0376-23	12/10/06 08:16

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
EPA 300.0	Water	N/A	X	X
EPA 310.1	Water	N/A	X	X
EPA 376.1	Water	N/A	X	X
EPA 415.1	Water	N/A	X	X
RSK 175	Water	N/A	X	
SM 3500Fe D	Water			
SM 4500CO2 C	Water	N/A		
SW846 8260B	Water	N/A	X	X

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0656
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SM 3500Fe D	Water	Iron, ferrous
SM 4500CO2 C	Water	Carbon Dioxide

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/06/06 08:00

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
H	Sample analysis performed past method-specified holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NPL0656

Nashville Division
COOLER RECEIPT FORM **BC#**

Cooler Received/Opened On 12/06/06 @ 800
1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1715

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: -0.6 **Degrees Celsius**
(indicate IR Gun ID#)

92171982

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES..NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES..NO...NA

11. Did all container labels and tags agree with custody papers?..... YES..NO...NA

12. a. Were VOA vials received?..... YES..NO...NA

b. Was there any observable head space present in any VOA vial?..... YES..NO..NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... 12/6/06 WS

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES..NO..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... WS 12/6/06

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES..NO...NA

18. Was sufficient amount of sample sent in each container?..... YES..NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... WS

I certify that I attached a label with the unique LIMS number to each container (intial)..... WS

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 40751

WS 12/6/06

sulfide pH = 7, should be >9

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC Client #: 4997
Address: 1431 Centerpoint Blvd., STE 150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-694-2998 Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 12102-217-191 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260); Sulfate (300); Sulfide (376.1); methane/ethane/ethene (RSK); TOC (415.1); Chloride (300); Iron II (Ferrous) (3120); CO_2 (Alkalinity); Nitrate (300); Alkalinity (310.1)	QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:	REMARKS
JF-01	12-5-06	1215	G		GW								X X X X X X X X X X		-01
W-5	12-5-06	1515	G		"								X X X X X X X X X X		-02
TW-07	12-5-06	1625	G		↓								X X X X X X X X X X		-03
															TB-04

NPL0656
12/20/06 23:59

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date	Time		Date	Time
Relinquished By: Joe Deatherage	12-5-06	1715	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received By:	12/6/06	8:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 26, 2006 4:20:23PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPL0840
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 12/07/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
OB-04	NPL0840-01	12/06/06 14:35
OB-08	NPL0840-02	12/06/06 16:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
All preserved containers for sample -01 had a pH of 7. For TOC and Ferrous Iron the pH should be < 2. And for Sulfide, the pH should be > 9. For sample -02, the sulfide (NaOH preserved) container had a pH of 7 and should be > 9.
New York Certification Number: 11342

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Program Manager - Conventional Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL0840
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0840-01 (OB-04 - Ground Water) Sampled: 12/06/06 14:35								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**1950**		mg/L	10.0	1	12/07/06 21:12	EPA 310.1	6121187
Carbon Dioxide	**1670**	HTI	mg/L	5.00	1	12/08/06 09:39	SM 4500CO2 C	6121100
Chloride	ND		mg/L	20.0	20	12/13/06 11:25	EPA 300.0	6121272
Iron, ferrous	**103**	HTI	mg/L	0.100	1	12/07/06 20:42	SM 3500Fe D	6121260
Nitrate as N	ND	H2	mg/L	0.300	3	12/13/06 11:39	EPA 300.0	6121272
Sulfate	**206**		mg/L	20.0	20	12/13/06 11:25	EPA 300.0	6121272
Sulfide	ND		mg/L	1.00	1	12/12/06 20:05	EPA 376.1	6121857
Total Dissolved Solids	**7880**	H2	mg/L	200	1	12/22/06 17:29	EPA 160.1	6124181
Total Organic Carbon	**3860**		mg/L	10.0	10	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	**31.0**		ug/L	26.0	1	12/09/06 18:43	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 18:43	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 18:43	RSK 175	6120697
Surr: Acetylene (76-122%)	*96 %*					*12/09/06 18:43*	*RSK 175*	*6120697*
Total Metals by EPA Method 6010B								
Iron	**80.1**		mg/L	0.0500	1	12/08/06 19:52	SW846 6010B	6121330
Manganese	**11.5**		mg/L	0.150	10	12/10/06 00:27	SW846 6010B	6121330
Dissolved Metals by EPA Method 6010B								
Iron	**68.0**		mg/L	0.0500	1	12/11/06 23:38	SW846 6010B	6121703
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**229**	pH	ug/L	50.0	1	12/13/06 07:39	SW846 8260B	6121055
Benzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Bromobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Bromochloromethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Bromodichloromethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Bromoform	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Bromomethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
2-Butanone	**194**	pH	ug/L	50.0	1	12/13/06 07:39	SW846 8260B	6121055
sec-Butylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
n-Butylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
tert-Butylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Carbon disulfide	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Carbon Tetrachloride	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Chlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Chlorodibromomethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Chloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Chloroform	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Chloromethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
2-Chlorotoluene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
4-Chlorotoluene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2-Dibromo-3-chloropropane	ND	pH	ug/L	5.00	1	12/13/06 07:39	SW846 8260B	6121055

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL0840
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0840-01 (OB-04 - Ground Water) - cont. Sampled: 12/06/06 14:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dibromoethane (EDB)	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Dibromomethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,4-Dichlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,3-Dichlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2-Dichlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Dichlorodifluoromethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1-Dichloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2-Dichloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
cis-1,2-Dichloroethene	**892**		ug/L	50.0	50	12/13/06 20:19	SW846 8260B	6122577
1,1-Dichloroethene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
trans-1,2-Dichloroethene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,3-Dichloropropane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2-Dichloropropane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
2,2-Dichloropropane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
cis-1,3-Dichloropropene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
trans-1,3-Dichloropropene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1-Dichloropropene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Ethylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Hexachlorobutadiene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
2-Hexanone	ND	pH	ug/L	50.0	1	12/13/06 07:39	SW846 8260B	6121055
Isopropylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
p-Isopropyltoluene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Methyl tert-Butyl Ether	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Methylene Chloride	ND	pH	ug/L	5.00	1	12/13/06 07:39	SW846 8260B	6121055
4-Methyl-2-pentanone	ND	pH	ug/L	10.0	1	12/13/06 07:39	SW846 8260B	6121055
Naphthalene	ND	pH	ug/L	5.00	1	12/13/06 07:39	SW846 8260B	6121055
n-Propylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Styrene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1,1,2-Tetrachloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1,2,2-Tetrachloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Tetrachloroethene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Toluene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2,3-Trichlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2,4-Trichlorobenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1,2-Trichloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,1,1-Trichloroethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Trichloroethene	**1920**		ug/L	50.0	50	12/13/06 20:19	SW846 8260B	6122577
Trichlorofluoromethane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2,3-Trichloropropane	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,3,5-Trimethylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
1,2,4-Trimethylbenzene	ND	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Vinyl chloride	**1.19**	pH	ug/L	1.00	1	12/13/06 07:39	SW846 8260B	6121055
Xylenes, total	ND	pH	ug/L	3.00	1	12/13/06 07:39	SW846 8260B	6121055
Surr: 1,2-Dichloroethane-d4 (62-142%)	*131 %*					*12/13/06 07:39*	*SW846 8260B*	*6121055*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0840-01RE1 (OB-04 - Ground Water) - cont. Sampled: 12/06/06 14:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (62-142%)	*139 %*					*12/13/06 20:19*	*SW846 8260B*	*6122577*
Surr: Dibromofluoromethane (78-123%)	*113 %*					*12/13/06 07:39*	*SW846 8260B*	*6121055*
Surr: Dibromofluoromethane (78-123%)	*117 %*					*12/13/06 20:19*	*SW846 8260B*	*6122577*
Surr: Toluene-d8 (79-120%)	*102 %*					*12/13/06 07:39*	*SW846 8260B*	*6121055*
Surr: Toluene-d8 (79-120%)	*97 %*					*12/13/06 20:19*	*SW846 8260B*	*6122577*
Surr: 4-Bromofluorobenzene (75-133%)	*106 %*					*12/13/06 07:39*	*SW846 8260B*	*6121055*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*12/13/06 20:19*	*SW846 8260B*	*6122577*
Sample ID: NPL0840-02 (OB-08 - Ground Water) Sampled: 12/06/06 16:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**533**		mg/L	10.0	1	12/07/06 21:12	EPA 310.1	6121187
Carbon Dioxide	**129**	HTI	mg/L	5.00	1	12/08/06 09:39	SM 4500CO2 C	6121100
Chloride	**8.06**		mg/L	1.00	1	12/08/06 03:42	EPA 300.0	6121272
Iron, ferrous	**4.62**	HTI	mg/L	0.100	1	12/07/06 20:26	SM 3500Fe D	6121260
Nitrate as N	ND		mg/L	0.100	1	12/08/06 03:42	EPA 300.0	6121272
Sulfate	**159**		mg/L	10.0	10	12/13/06 12:23	EPA 300.0	6121272
Sulfide	**2.80**		mg/L	1.00	1	12/12/06 20:05	EPA 376.1	6121857
Total Dissolved Solids	**890**	H2	mg/L	100	1	12/22/06 17:29	EPA 160.1	6124181
Total Organic Carbon	**174**		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 18:45	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 18:45	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 18:45	RSK 175	6120697
Surr: Acetylene (76-122%)	*102 %*					*12/09/06 18:45*	*RSK 175*	*6120697*
Total Metals by EPA Method 6010B								
Iron	**3.59**		mg/L	0.0500	1	12/08/06 19:56	SW846 6010B	6121330
Manganese	**2.22**		mg/L	0.0150	1	12/08/06 19:56	SW846 6010B	6121330
Dissolved Metals by EPA Method 6010B								
Iron	ND		mg/L	0.0500	1	12/12/06 01:53	SW846 6010B	6121704
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/13/06 08:04	SW846 8260B	6121055
Benzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Bromobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Bromochloromethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Bromodichloromethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Bromoform	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Bromomethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
2-Butanone	ND		ug/L	50.0	1	12/13/06 08:04	SW846 8260B	6121055
sec-Butylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
n-Butylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
tert-Butylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Carbon disulfide	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0840-02 (OB-08 - Ground Water) - cont. Sampled: 12/06/06 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Carbon Tetrachloride	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Chlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Chlorodibromomethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Chloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Chloroform	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Chloromethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
2-Chlorotoluene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
4-Chlorotoluene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Dibromomethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,1-Dichloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2-Dichloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
cis-1,2-Dichloroethene	**1550**		ug/L	50.0	50	12/13/06 19:54	SW846 8260B	6122577
1,1-Dichloroethene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
trans-1,2-Dichloroethene	**10.7**		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,3-Dichloropropane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2-Dichloropropane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
2,2-Dichloropropane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,1-Dichloropropene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Ethylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Hexachlorobutadiene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
2-Hexanone	ND		ug/L	50.0	1	12/13/06 08:04	SW846 8260B	6121055
Isopropylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
p-Isopropyltoluene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Methylene Chloride	ND		ug/L	5.00	1	12/13/06 08:04	SW846 8260B	6121055
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/13/06 08:04	SW846 8260B	6121055
Naphthalene	ND		ug/L	5.00	1	12/13/06 08:04	SW846 8260B	6121055
n-Propylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Styrene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Tetrachloroethene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Toluene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0840-02 (OB-08 - Ground Water) - cont. Sampled: 12/06/06 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Trichloroethene	**73.7**		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Trichlorofluoromethane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Vinyl chloride	ND		ug/L	1.00	1	12/13/06 08:04	SW846 8260B	6121055
Xylenes, total	ND		ug/L	3.00	1	12/13/06 08:04	SW846 8260B	6121055
Surr: 1,2-Dichloroethane-d4 (62-142%)	*122 %*					*12/13/06 08:04*	*SW846 8260B*	*6121055*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*135 %*					*12/13/06 19:54*	*SW846 8260B*	*6122577*
Surr: Dibromofluoromethane (78-123%)	*115 %*					*12/13/06 08:04*	*SW846 8260B*	*6121055*
Surr: Dibromofluoromethane (78-123%)	*113 %*					*12/13/06 19:54*	*SW846 8260B*	*6122577*
Surr: Toluene-d8 (79-120%)	*98 %*					*12/13/06 08:04*	*SW846 8260B*	*6121055*
Surr: Toluene-d8 (79-120%)	*99 %*					*12/13/06 19:54*	*SW846 8260B*	*6122577*
Surr: 4-Bromofluorobenzene (75-133%)	*104 %*					*12/13/06 08:04*	*SW846 8260B*	*6121055*
Surr: 4-Bromofluorobenzene (75-133%)	*105 %*					*12/13/06 19:54*	*SW846 8260B*	*6122577*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	6121703	NPL0840-01	50.00	50.00	12/11/06 08:31	JMR	EPA 3010A Dissolve
SW846 6010B	6121704	NPL0840-02	50.00	50.00	12/11/06 08:33	JMR	EPA 3010A Dissolve
Total Metals by EPA Method 6010B							
SW846 6010B	6121330	NPL0840-01	50.00	50.00	12/08/06 07:50	JMR	EPA 3010A
SW846 6010B	6121330	NPL0840-01	50.00	50.00	12/08/06 07:50	JMR	EPA 3010A
SW846 6010B	6121330	NPL0840-02	50.00	50.00	12/08/06 07:50	JMR	EPA 3010A
SW846 6010B	6121330	NPL0840-02	50.00	50.00	12/08/06 07:50	JMR	EPA 3010A

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6121022-BLK1						
Total Organic Carbon	<0.520		mg/L	6121022	6121022-BLK1	12/18/06 02:21
6121100-BLK1						
Carbon Dioxide	<3.60		mg/L	6121100	6121100-BLK1	12/08/06 09:39
6121100-BLK2						
Carbon Dioxide	<3.60		mg/L	6121100	6121100-BLK2	12/08/06 09:39
6121187-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6121187	6121187-BLK1	12/07/06 21:12
6121260-BLK1						
Iron, ferrous	<0.0500		mg/L	6121260	6121260-BLK1	12/07/06 19:05
6121272-BLK1						
Chloride	<0.500		mg/L	6121272	6121272-BLK1	12/08/06 02:29
Nitrate as N	<0.0500		mg/L	6121272	6121272-BLK1	12/13/06 10:26
Sulfate	<0.500		mg/L	6121272	6121272-BLK1	12/08/06 02:29
6121857-BLK1						
Sulfide	<0.380		mg/L	6121857	6121857-BLK1	12/12/06 20:05
6124181-BLK1						
Total Dissolved Solids	<5.00		mg/L	6124181	6124181-BLK1	12/22/06 17:29
Methane, Ethane, and Ethene by GC						
6120697-BLK1						
Ethane	<14.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Ethene	<11.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Methane	<15.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Surrogate: Acetylene	104%			6120697	6120697-BLK1	12/09/06 17:19
Total Metals by EPA Method 6010B						
6121330-BLK1						
Iron	<0.0320		mg/L	6121330	6121330-BLK1	12/08/06 19:43
Manganese	<0.00100		mg/L	6121330	6121330-BLK1	12/08/06 19:43
Dissolved Metals by EPA Method 6010B						
6121703-BLK1						
Iron	<0.0320		mg/L	6121703	6121703-BLK1	12/11/06 22:19
6121704-BLK1						
Iron	<0.0320		mg/L	6121704	6121704-BLK1	12/12/06 01:17

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Dissolved Metals by EPA Method 6010B						
Volatile Organic Compounds by EPA Method 8260B						
6121055-BLK1						
Acetone	<7.41		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Benzene	<0.330		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Bromobenzene	<0.450		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Bromochloromethane	<0.700		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Bromodichloromethane	<0.390		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Bromoform	<0.540		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Bromomethane	<0.420		ug/L	6121055	6121055-BLK1	12/13/06 05:07
2-Butanone	<3.06		ug/L	6121055	6121055-BLK1	12/13/06 05:07
sec-Butylbenzene	<0.260		ug/L	6121055	6121055-BLK1	12/13/06 05:07
n-Butylbenzene	<0.780		ug/L	6121055	6121055-BLK1	12/13/06 05:07
tert-Butylbenzene	<0.400		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Carbon disulfide	<0.230		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Carbon Tetrachloride	<0.410		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Chlorobenzene	<0.340		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Chlorodibromomethane	<0.480		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Chloroethane	<0.350		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Chloroform	<0.510		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Chloromethane	<0.310		ug/L	6121055	6121055-BLK1	12/13/06 05:07
2-Chlorotoluene	<0.210		ug/L	6121055	6121055-BLK1	12/13/06 05:07
4-Chlorotoluene	<0.410		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2-Dibromoethane (EDB)	<0.320		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Dibromomethane	<0.430		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,4-Dichlorobenzene	<0.360		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,3-Dichlorobenzene	<0.410		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2-Dichlorobenzene	<0.440		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Dichlorodifluoromethane	<0.290		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1-Dichloroethane	<0.600		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2-Dichloroethane	<0.460		ug/L	6121055	6121055-BLK1	12/13/06 05:07
cis-1,2-Dichloroethene	<0.540		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1-Dichloroethene	<0.270		ug/L	6121055	6121055-BLK1	12/13/06 05:07
trans-1,2-Dichloroethene	<0.200		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,3-Dichloropropane	<0.480		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2-Dichloropropane	<0.370		ug/L	6121055	6121055-BLK1	12/13/06 05:07
2,2-Dichloropropane	<0.370		ug/L	6121055	6121055-BLK1	12/13/06 05:07
cis-1,3-Dichloropropene	<0.330		ug/L	6121055	6121055-BLK1	12/13/06 05:07
trans-1,3-Dichloropropene	<0.310		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1-Dichloropropene	<0.280		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Ethylbenzene	<0.420		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Hexachlorobutadiene	<0.660		ug/L	6121055	6121055-BLK1	12/13/06 05:07

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121055-BLK1						
2-Hexanone	<2.19		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Isopropylbenzene	<0.410		ug/L	6121055	6121055-BLK1	12/13/06 05:07
p-Isopropyltoluene	<0.320		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Methyl tert-Butyl Ether	<0.310		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Methylene Chloride	<2.10		ug/L	6121055	6121055-BLK1	12/13/06 05:07
4-Methyl-2-pentanone	<4.15		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Naphthalene	<0.650		ug/L	6121055	6121055-BLK1	12/13/06 05:07
n-Propylbenzene	<0.350		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Styrene	<0.390		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Tetrachloroethene	<0.320		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Toluene	<0.420		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2,3-Trichlorobenzene	<0.620		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2,4-Trichlorobenzene	<0.620		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1,2-Trichloroethane	<0.570		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,1,1-Trichloroethane	<0.350		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Trichloroethene	<0.510		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Trichlorofluoromethane	<0.400		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2,3-Trichloropropane	<0.520		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,3,5-Trimethylbenzene	<0.240		ug/L	6121055	6121055-BLK1	12/13/06 05:07
1,2,4-Trimethylbenzene	<0.350		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Vinyl chloride	<0.260		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Xylenes, total	<0.450		ug/L	6121055	6121055-BLK1	12/13/06 05:07
Surrogate: 1,2-Dichloroethane-d4	126%			6121055	6121055-BLK1	12/13/06 05:07
Surrogate: Dibromofluoromethane	114%			6121055	6121055-BLK1	12/13/06 05:07
Surrogate: Toluene-d8	101%			6121055	6121055-BLK1	12/13/06 05:07
Surrogate: 4-Bromofluorobenzene	103%			6121055	6121055-BLK1	12/13/06 05:07
6122577-BLK1						
Acetone	<7.41		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Benzene	<0.330		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Bromobenzene	<0.450		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Bromochloromethane	<0.700		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Bromodichloromethane	<0.390		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Bromoform	<0.540		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Bromomethane	<0.420		ug/L	6122577	6122577-BLK1	12/13/06 16:07
2-Butanone	<3.06		ug/L	6122577	6122577-BLK1	12/13/06 16:07
sec-Butylbenzene	<0.260		ug/L	6122577	6122577-BLK1	12/13/06 16:07
n-Butylbenzene	<0.780		ug/L	6122577	6122577-BLK1	12/13/06 16:07
tert-Butylbenzene	<0.400		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Carbon disulfide	<0.230		ug/L	6122577	6122577-BLK1	12/13/06 16:07

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6122577-BLK1						
Carbon Tetrachloride	<0.410		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Chlorobenzene	<0.340		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Chlorodibromomethane	<0.480		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Chloroethane	<0.350		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Chloroform	<0.510		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Chloromethane	<0.310		ug/L	6122577	6122577-BLK1	12/13/06 16:07
2-Chlorotoluene	<0.210		ug/L	6122577	6122577-BLK1	12/13/06 16:07
4-Chlorotoluene	<0.410		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2-Dibromoethane (EDB)	<0.320		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Dibromomethane	<0.430		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,4-Dichlorobenzene	<0.360		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,3-Dichlorobenzene	<0.410		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2-Dichlorobenzene	<0.440		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Dichlorodifluoromethane	<0.290		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1-Dichloroethane	<0.600		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2-Dichloroethane	<0.460		ug/L	6122577	6122577-BLK1	12/13/06 16:07
cis-1,2-Dichloroethene	<0.540		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1-Dichloroethene	<0.270		ug/L	6122577	6122577-BLK1	12/13/06 16:07
trans-1,2-Dichloroethene	<0.200		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,3-Dichloropropane	<0.480		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2-Dichloropropane	<0.370		ug/L	6122577	6122577-BLK1	12/13/06 16:07
2,2-Dichloropropane	<0.370		ug/L	6122577	6122577-BLK1	12/13/06 16:07
cis-1,3-Dichloropropene	<0.330		ug/L	6122577	6122577-BLK1	12/13/06 16:07
trans-1,3-Dichloropropene	<0.310		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1-Dichloropropene	<0.280		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Ethylbenzene	<0.420		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Hexachlorobutadiene	<0.660		ug/L	6122577	6122577-BLK1	12/13/06 16:07
2-Hexanone	<2.19		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Isopropylbenzene	<0.410		ug/L	6122577	6122577-BLK1	12/13/06 16:07
p-Isopropyltoluene	<0.320		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Methyl tert-Butyl Ether	<0.310		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Methylene Chloride	<2.10		ug/L	6122577	6122577-BLK1	12/13/06 16:07
4-Methyl-2-pentanone	<4.15		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Naphthalene	<0.650		ug/L	6122577	6122577-BLK1	12/13/06 16:07
n-Propylbenzene	<0.350		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Styrene	<0.390		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Tetrachloroethene	<0.320		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Toluene	<0.420		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2,3-Trichlorobenzene	<0.620		ug/L	6122577	6122577-BLK1	12/13/06 16:07

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6122577-BLK1						
1,2,4-Trichlorobenzene	<0.620		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1,2-Trichloroethane	<0.570		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,1,1-Trichloroethane	<0.350		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Trichloroethene	<0.510		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Trichlorofluoromethane	<0.400		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2,3-Trichloropropane	<0.520		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,3,5-Trimethylbenzene	<0.240		ug/L	6122577	6122577-BLK1	12/13/06 16:07
1,2,4-Trimethylbenzene	<0.350		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Vinyl chloride	<0.260		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Xylenes, total	<0.450		ug/L	6122577	6122577-BLK1	12/13/06 16:07
Surrogate: 1,2-Dichloroethane-d4	136%			6122577	6122577-BLK1	12/13/06 16:07
Surrogate: Dibromofluoromethane	114%			6122577	6122577-BLK1	12/13/06 16:07
Surrogate: Toluene-d8	98%			6122577	6122577-BLK1	12/13/06 16:07
Surrogate: 4-Bromofluorobenzene	109%			6122577	6122577-BLK1	12/13/06 16:07

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6121022-DUP1									
Total Organic Carbon	ND	ND		mg/L		20	6121022	NPL0656-01	12/18/06 02:21
6121022-DUP2									
Total Organic Carbon	1.39	1.60		mg/L	14	20	6121022	NPL0931-03	12/18/06 02:21
6121100-DUP1									
Carbon Dioxide	97.6	94.1		mg/L	4	20	6121100	NPL0931-03	12/08/06 09:39
6121100-DUP2									
Carbon Dioxide	ND	ND		mg/L		20	6121100	NPL1096-02	12/08/06 09:39
6121187-DUP1									
Alkalinity, Total (CaCO3)	48.6	50.0		mg/L	3	20	6121187	NPL0917-13	12/07/06 21:12
6121260-DUP1									
Iron, ferrous	0.0660	0.0560		mg/L	16	20	6121260	NPL0931-03	12/07/06 20:05
6121272-DUP1									
Chloride	7.02	7.02	MNR	mg/L	0	20	6121272	NPL0931-03	12/08/06 05:54
Nitrate as N	1.87	1.88		mg/L	0.5	20	6121272	NPL0931-03	12/13/06 22:29
Sulfate	37.5	36.6		mg/L	2	20	6121272	NPL0931-03	12/13/06 21:30
6121857-DUP1									
Sulfide	ND	ND		mg/L		10	6121857	NPL1005-01	12/12/06 20:05
6124181-DUP1									
Total Dissolved Solids	4510	4530		mg/L	0.4	20	6124181	NPL1144-05RE1	12/22/06 17:29

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6121022-BS1								
Total Organic Carbon	200	199		ug/mL	100%	87 - 110	6121022	12/18/06 02:21
6121100-BS1								
Carbon Dioxide	100	102		ug/mL	102%	90 - 110	6121100	12/08/06 09:39
6121100-BS2								
Carbon Dioxide	100	99.9		ug/mL	100%	90 - 110	6121100	12/08/06 09:39
6121187-BS1								
Alkalinity, Total (CaCO3)	20.0	20.2		ug/mL	101%	90 - 110	6121187	12/07/06 21:12
6121260-BS1								
Iron, ferrous	1.00	1.04	MNR	ug/mL	104%	80 - 120	6121260	12/07/06 19:05
6121272-BS1								
Chloride	3.00	3.11		ug/mL	104%	90 - 110	6121272	12/08/06 02:43
Nitrate as N	3.00	2.98		ug/mL	99%	90 - 110	6121272	12/13/06 10:40
Sulfate	15.0	15.1	MNR	ug/mL	101%	90 - 110	6121272	12/13/06 10:40
6121857-BS1								
Sulfide	20.0	19.3		ug/mL	96%	90 - 110	6121857	12/12/06 20:05
6124181-BS1								
Methane, Ethane, and Ethene by GC								
6120697-BS1								
Ethane	2500	2200		ug/L	88%	78 - 112	6120697	12/09/06 17:52
Ethene	2340	2060		ug/L	88%	79 - 112	6120697	12/09/06 17:52
Methane	1330	1380		ug/L	104%	85 - 120	6120697	12/09/06 17:52
Surrogate: Acetylene	4320	4520			105%	76 - 122	6120697	12/09/06 17:52
Total Metals by EPA Method 6010B								
6121330-BS1								
Iron	1.00	0.967		mg/L	97%	80 - 120	6121330	12/08/06 19:47
Manganese	0.500	0.468		mg/L	94%	80 - 120	6121330	12/08/06 19:47
Dissolved Metals by EPA Method 6010B								
6121703-BS1								
Iron	1.00	1.03		mg/L	103%	80 - 120	6121703	12/11/06 22:24
6121704-BS1								
Iron	1.00	1.05		mg/L	105%	80 - 120	6121704	12/12/06 01:49

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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121055-BS1								
Acetone	250	240		ug/L	96%	63 - 147	6121055	12/13/06 03:52
Benzene	50.0	46.1		ug/L	92%	78 - 125	6121055	12/13/06 03:52
Bromobenzene	50.0	46.8		ug/L	94%	71 - 142	6121055	12/13/06 03:52
Bromochloromethane	50.0	46.9		ug/L	94%	76 - 129	6121055	12/13/06 03:52
Bromodichloromethane	50.0	55.4		ug/L	111%	71 - 134	6121055	12/13/06 03:52
Bromoform	50.0	41.1		ug/L	82%	49 - 129	6121055	12/13/06 03:52
Bromomethane	50.0	35.1		ug/L	70%	42 - 154	6121055	12/13/06 03:52
2-Butanone	250	226		ug/L	90%	74 - 130	6121055	12/13/06 03:52
sec-Butylbenzene	50.0	46.9		ug/L	94%	78 - 129	6121055	12/13/06 03:52
n-Butylbenzene	50.0	47.3		ug/L	95%	68 - 138	6121055	12/13/06 03:52
tert-Butylbenzene	50.0	48.6		ug/L	97%	79 - 128	6121055	12/13/06 03:52
Carbon disulfide	50.0	40.7		ug/L	81%	65 - 122	6121055	12/13/06 03:52
Carbon Tetrachloride	50.0	54.0		ug/L	108%	62 - 142	6121055	12/13/06 03:52
Chlorobenzene	50.0	47.7		ug/L	95%	82 - 125	6121055	12/13/06 03:52
Chlorodibromomethane	50.0	45.5		ug/L	91%	67 - 135	6121055	12/13/06 03:52
Chloroethane	50.0	44.4		ug/L	89%	57 - 138	6121055	12/13/06 03:52
Chloroform	50.0	51.8		ug/L	104%	75 - 122	6121055	12/13/06 03:52
Chloromethane	50.0	32.6		ug/L	65%	31 - 147	6121055	12/13/06 03:52
2-Chlorotoluene	50.0	46.2		ug/L	92%	74 - 135	6121055	12/13/06 03:52
4-Chlorotoluene	50.0	47.8		ug/L	96%	74 - 133	6121055	12/13/06 03:52
1,2-Dibromo-3-chloropropane	50.0	52.5		ug/L	105%	45 - 140	6121055	12/13/06 03:52
1,2-Dibromoethane (EDB)	50.0	49.1		ug/L	98%	80 - 132	6121055	12/13/06 03:52
Dibromomethane	50.0	51.1		ug/L	102%	69 - 132	6121055	12/13/06 03:52
1,4-Dichlorobenzene	50.0	45.6		ug/L	91%	79 - 125	6121055	12/13/06 03:52
1,3-Dichlorobenzene	50.0	44.8		ug/L	90%	77 - 132	6121055	12/13/06 03:52
1,2-Dichlorobenzene	50.0	47.6		ug/L	95%	82 - 133	6121055	12/13/06 03:52
Dichlorodifluoromethane	50.0	26.8		ug/L	54%	34 - 120	6121055	12/13/06 03:52
1,1-Dichloroethane	50.0	47.5		ug/L	95%	79 - 120	6121055	12/13/06 03:52
1,2-Dichloroethane	50.0	54.7		ug/L	109%	64 - 134	6121055	12/13/06 03:52
cis-1,2-Dichloroethene	50.0	50.7		ug/L	101%	71 - 126	6121055	12/13/06 03:52
1,1-Dichloroethene	50.0	47.2		ug/L	94%	71 - 123	6121055	12/13/06 03:52
trans-1,2-Dichloroethene	50.0	49.7		ug/L	99%	74 - 127	6121055	12/13/06 03:52
1,3-Dichloropropane	50.0	46.8		ug/L	94%	80 - 128	6121055	12/13/06 03:52
1,2-Dichloropropane	50.0	43.4		ug/L	87%	73 - 120	6121055	12/13/06 03:52
2,2-Dichloropropane	50.0	48.6		ug/L	97%	25 - 156	6121055	12/13/06 03:52
cis-1,3-Dichloropropene	50.0	49.6		ug/L	99%	70 - 135	6121055	12/13/06 03:52
trans-1,3-Dichloropropene	50.0	44.7		ug/L	89%	61 - 124	6121055	12/13/06 03:52
1,1-Dichloropropene	50.0	47.6		ug/L	95%	79 - 138	6121055	12/13/06 03:52
Ethylbenzene	50.0	47.7		ug/L	95%	73 - 134	6121055	12/13/06 03:52
Hexachlorobutadiene	50.0	42.4		ug/L	85%	58 - 145	6121055	12/13/06 03:52
2-Hexanone	250	230		ug/L	92%	72 - 136	6121055	12/13/06 03:52

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121055-BS1								
Isopropylbenzene	50.0	47.2		ug/L	94%	74 - 121	6121055	12/13/06 03:52
p-Isopropyltoluene	50.0	45.3		ug/L	91%	70 - 133	6121055	12/13/06 03:52
Methyl tert-Butyl Ether	50.0	46.9		ug/L	94%	69 - 122	6121055	12/13/06 03:52
Methylene Chloride	50.0	48.2		ug/L	96%	75 - 127	6121055	12/13/06 03:52
4-Methyl-2-pentanone	250	232		ug/L	93%	77 - 132	6121055	12/13/06 03:52
Naphthalene	50.0	48.2		ug/L	96%	65 - 145	6121055	12/13/06 03:52
n-Propylbenzene	50.0	44.5		ug/L	89%	76 - 133	6121055	12/13/06 03:52
Styrene	50.0	61.6		ug/L	123%	80 - 145	6121055	12/13/06 03:52
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/L	105%	72 - 136	6121055	12/13/06 03:52
1,1,2,2-Tetrachloroethane	50.0	43.7		ug/L	87%	71 - 137	6121055	12/13/06 03:52
Tetrachloroethene	50.0	44.5		ug/L	89%	70 - 131	6121055	12/13/06 03:52
Toluene	50.0	46.4		ug/L	93%	78 - 122	6121055	12/13/06 03:52
1,2,3-Trichlorobenzene	50.0	47.0		ug/L	94%	60 - 144	6121055	12/13/06 03:52
1,2,4-Trichlorobenzene	50.0	44.2		ug/L	88%	63 - 140	6121055	12/13/06 03:52
1,1,2-Trichloroethane	50.0	46.2		ug/L	92%	81 - 127	6121055	12/13/06 03:52
1,1,1-Trichloroethane	50.0	54.2		ug/L	108%	69 - 128	6121055	12/13/06 03:52
Trichloroethene	50.0	46.2		ug/L	92%	73 - 133	6121055	12/13/06 03:52
Trichlorofluoromethane	50.0	47.2		ug/L	94%	49 - 139	6121055	12/13/06 03:52
1,2,3-Trichloropropane	50.0	45.7		ug/L	91%	52 - 151	6121055	12/13/06 03:52
1,3,5-Trimethylbenzene	50.0	47.0		ug/L	94%	72 - 136	6121055	12/13/06 03:52
1,2,4-Trimethylbenzene	50.0	46.8		ug/L	94%	73 - 134	6121055	12/13/06 03:52
Vinyl chloride	50.0	46.3		ug/L	93%	54 - 137	6121055	12/13/06 03:52
Xylenes, total	150	151		ug/L	101%	79 - 130	6121055	12/13/06 03:52
Surrogate: 1,2-Dichloroethane-d4	50.0	58.3			117%	62 - 142	6121055	12/13/06 03:52
Surrogate: Dibromofluoromethane	50.0	53.4			107%	78 - 123	6121055	12/13/06 03:52
Surrogate: Toluene-d8	50.0	48.0			96%	79 - 120	6121055	12/13/06 03:52
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	75 - 133	6121055	12/13/06 03:52
6122577-BS1								
Acetone	250	250		ug/L	100%	63 - 147	6122577	12/13/06 14:52
Benzene	50.0	45.5		ug/L	91%	78 - 125	6122577	12/13/06 14:52
Bromobenzene	50.0	45.0		ug/L	90%	71 - 142	6122577	12/13/06 14:52
Bromochloromethane	50.0	47.1		ug/L	94%	76 - 129	6122577	12/13/06 14:52
Bromodichloromethane	50.0	57.8		ug/L	116%	71 - 134	6122577	12/13/06 14:52
Bromoform	50.0	44.0		ug/L	88%	49 - 129	6122577	12/13/06 14:52
Bromomethane	50.0	36.9		ug/L	74%	42 - 154	6122577	12/13/06 14:52
2-Butanone	250	214		ug/L	86%	74 - 130	6122577	12/13/06 14:52
sec-Butylbenzene	50.0	46.0		ug/L	92%	78 - 129	6122577	12/13/06 14:52
n-Butylbenzene	50.0	48.3		ug/L	97%	68 - 138	6122577	12/13/06 14:52
tert-Butylbenzene	50.0	46.2		ug/L	92%	79 - 128	6122577	12/13/06 14:52
Carbon disulfide	50.0	41.8		ug/L	84%	65 - 122	6122577	12/13/06 14:52
Carbon Tetrachloride	50.0	58.3		ug/L	117%	62 - 142	6122577	12/13/06 14:52

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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6122577-BS1								
Chlorobenzene	50.0	48.0		ug/L	96%	82 - 125	6122577	12/13/06 14:52
Chlorodibromomethane	50.0	46.8		ug/L	94%	67 - 135	6122577	12/13/06 14:52
Chloroethane	50.0	46.9		ug/L	94%	57 - 138	6122577	12/13/06 14:52
Chloroform	50.0	53.2		ug/L	106%	75 - 122	6122577	12/13/06 14:52
Chloromethane	50.0	34.4		ug/L	69%	31 - 147	6122577	12/13/06 14:52
2-Chlorotoluene	50.0	44.7		ug/L	89%	74 - 135	6122577	12/13/06 14:52
4-Chlorotoluene	50.0	46.4		ug/L	93%	74 - 133	6122577	12/13/06 14:52
1,2-Dibromo-3-chloropropane	50.0	48.5		ug/L	97%	45 - 140	6122577	12/13/06 14:52
1,2-Dibromoethane (EDB)	50.0	49.2		ug/L	98%	80 - 132	6122577	12/13/06 14:52
Dibromomethane	50.0	50.8		ug/L	102%	69 - 132	6122577	12/13/06 14:52
1,4-Dichlorobenzene	50.0	44.9		ug/L	90%	79 - 125	6122577	12/13/06 14:52
1,3-Dichlorobenzene	50.0	43.8		ug/L	88%	77 - 132	6122577	12/13/06 14:52
1,2-Dichlorobenzene	50.0	46.7		ug/L	93%	82 - 133	6122577	12/13/06 14:52
Dichlorodifluoromethane	50.0	31.5		ug/L	63%	34 - 120	6122577	12/13/06 14:52
1,1-Dichloroethane	50.0	47.2		ug/L	94%	79 - 120	6122577	12/13/06 14:52
1,2-Dichloroethane	50.0	57.9		ug/L	116%	64 - 134	6122577	12/13/06 14:52
cis-1,2-Dichloroethene	50.0	52.0		ug/L	104%	71 - 126	6122577	12/13/06 14:52
1,1-Dichloroethene	50.0	45.6		ug/L	91%	71 - 123	6122577	12/13/06 14:52
trans-1,2-Dichloroethene	50.0	51.6		ug/L	103%	74 - 127	6122577	12/13/06 14:52
1,3-Dichloropropane	50.0	47.3		ug/L	95%	80 - 128	6122577	12/13/06 14:52
1,2-Dichloropropane	50.0	44.4		ug/L	89%	73 - 120	6122577	12/13/06 14:52
2,2-Dichloropropane	50.0	55.8		ug/L	112%	25 - 156	6122577	12/13/06 14:52
cis-1,3-Dichloropropene	50.0	51.9		ug/L	104%	70 - 135	6122577	12/13/06 14:52
trans-1,3-Dichloropropene	50.0	46.6		ug/L	93%	61 - 124	6122577	12/13/06 14:52
1,1-Dichloropropene	50.0	49.2		ug/L	98%	79 - 138	6122577	12/13/06 14:52
Ethylbenzene	50.0	49.7		ug/L	99%	73 - 134	6122577	12/13/06 14:52
Hexachlorobutadiene	50.0	44.8		ug/L	90%	58 - 145	6122577	12/13/06 14:52
2-Hexanone	250	219		ug/L	88%	72 - 136	6122577	12/13/06 14:52
Isopropylbenzene	50.0	49.6		ug/L	99%	74 - 121	6122577	12/13/06 14:52
p-Isopropyltoluene	50.0	44.8		ug/L	90%	70 - 133	6122577	12/13/06 14:52
Methyl tert-Butyl Ether	50.0	46.1		ug/L	92%	69 - 122	6122577	12/13/06 14:52
Methylene Chloride	50.0	48.2		ug/L	96%	75 - 127	6122577	12/13/06 14:52
4-Methyl-2-pentanone	250	217		ug/L	87%	77 - 132	6122577	12/13/06 14:52
Naphthalene	50.0	43.2		ug/L	86%	65 - 145	6122577	12/13/06 14:52
n-Propylbenzene	50.0	42.4		ug/L	85%	76 - 133	6122577	12/13/06 14:52
Styrene	50.0	63.1		ug/L	126%	80 - 145	6122577	12/13/06 14:52
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L	112%	72 - 136	6122577	12/13/06 14:52
1,1,2,2-Tetrachloroethane	50.0	41.1		ug/L	82%	71 - 137	6122577	12/13/06 14:52
Tetrachloroethene	50.0	46.4		ug/L	93%	70 - 131	6122577	12/13/06 14:52
Toluene	50.0	46.8		ug/L	94%	78 - 122	6122577	12/13/06 14:52
1,2,3-Trichlorobenzene	50.0	44.3		ug/L	89%	60 - 144	6122577	12/13/06 14:52

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0840
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6122577-BS1								
1,2,4-Trichlorobenzene	50.0	42.3		ug/L	85%	63 - 140	6122577	12/13/06 14:52
1,1,2-Trichloroethane	50.0	45.9		ug/L	92%	81 - 127	6122577	12/13/06 14:52
1,1,1-Trichloroethane	50.0	57.2		ug/L	114%	69 - 128	6122577	12/13/06 14:52
Trichloroethene	50.0	46.8		ug/L	94%	73 - 133	6122577	12/13/06 14:52
Trichlorofluoromethane	50.0	51.5		ug/L	103%	49 - 139	6122577	12/13/06 14:52
1,2,3-Trichloropropane	50.0	43.8		ug/L	88%	52 - 151	6122577	12/13/06 14:52
1,3,5-Trimethylbenzene	50.0	46.5		ug/L	93%	72 - 136	6122577	12/13/06 14:52
1,2,4-Trimethylbenzene	50.0	46.0		ug/L	92%	73 - 134	6122577	12/13/06 14:52
Vinyl chloride	50.0	48.5		ug/L	97%	54 - 137	6122577	12/13/06 14:52
Xylenes, total	150	156		ug/L	104%	79 - 130	6122577	12/13/06 14:52
Surrogate: 1,2-Dichloroethane-d4	50.0	62.1			124%	62 - 142	6122577	12/13/06 14:52
Surrogate: Dibromofluoromethane	50.0	54.6			109%	78 - 123	6122577	12/13/06 14:52
Surrogate: Toluene-d8	50.0	49.4			99%	79 - 120	6122577	12/13/06 14:52
Surrogate: 4-Bromofluorobenzene	50.0	47.1			94%	75 - 133	6122577	12/13/06 14:52

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PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6124181-BSD1												
Total Dissolved Solids		107		mg/L			90 - 110	0.9	20	6124181		12/22/06 17:29

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6121022-MS1										
Total Organic Carbon	ND	21.5		ug/mL	20.0	108%	75 - 127	6121022	NPL0492-05	12/18/06 02:21
6121187-MS1										
Alkalinity, Total (CaCO3)	48.6	68.2		ug/mL	20.0	98%	80 - 120	6121187	NPL0917-13	12/07/06 21:12
6121272-MS1										
Nitrate as N	ND	3.06	MHA	ug/mL	3.00	102%	80 - 120	6121272	NPL0840-01	12/13/06 11:54
6121857-MS1										
Sulfide	ND	18.6		ug/mL	20.0	93%	79 - 113	6121857	NPL0779-04	12/12/06 20:05
Methane, Ethane, and Ethene by GC										
6120697-MS1										
Ethane	ND	2430		ug/L	2500	97%	65 - 117	6120697	NPL0656-01	12/09/06 17:25
Ethene	ND	2300		ug/L	2340	98%	66 - 117	6120697	NPL0656-01	12/09/06 17:25
Methane	ND	1560		ug/L	1330	117%	60 - 141	6120697	NPL0656-01	12/09/06 17:25
Surrogate: Acetylene		2140		ug/L	2160	99%	76 - 122	6120697	NPL0656-01	12/09/06 17:25
Total Metals by EPA Method 6010B										
6121330-MS1										
Iron	0.218	1.18		mg/L	1.00	96%	75 - 125	6121330	NPL0842-03	12/08/06 20:04
Manganese	2.44	2.98		mg/L	0.500	108%	75 - 125	6121330	NPL0842-03	12/08/06 20:04
Dissolved Metals by EPA Method 6010B										
6121703-MS1										
Iron	30.7	33.4	MHA	mg/L	1.00	270%	75 - 125	6121703	NPL1063-01	12/12/06 00:31
6121704-MS1										
Iron	ND	1.05		mg/L	1.00	105%	75 - 125	6121704	NPL1217-01	12/12/06 02:07

TestAmerica
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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6121022-MSD1												
Total Organic Carbon	ND	20.3		ug/mL	20.0	102%	75 - 127	6	20	6121022	NPL0492-05	12/18/06 02:21
6121272-MSD1												
Nitrate as N	ND	3.06	MHA	ug/mL	3.00	102%	80 - 120	0	20	6121272	NPL0840-01	12/13/06 12:09
6121857-MSD1												
Sulfide	ND	19.1		ug/mL	20.0	96%	79 - 113	3	10	6121857	NPL0779-04	12/12/06 20:05
Methane, Ethane, and Ethene by GC												
6120697-MSD1												
Ethane	ND	2440		ug/L	2500	98%	65 - 117	0.4	21	6120697	NPL0656-01	12/09/06 17:28
Ethene	ND	2290		ug/L	2340	98%	66 - 117	0.4	20	6120697	NPL0656-01	12/09/06 17:28
Methane	ND	1600		ug/L	1330	120%	60 - 141	3	29	6120697	NPL0656-01	12/09/06 17:28
Surrogate: Acetylene		2180		ug/L	2160	101%	76 - 122			6120697	NPL0656-01	12/09/06 17:28
Total Metals by EPA Method 6010B												
6121330-MSD1												
Iron	0.218	1.15		mg/L	1.00	93%	75 - 125	3	20	6121330	NPL0842-03	12/08/06 20:08
Manganese	2.44	2.96		mg/L	0.500	104%	75 - 125	0.7	20	6121330	NPL0842-03	12/08/06 20:08
Dissolved Metals by EPA Method 6010B												
6121703-MSD1												
Iron	30.7	32.9	MHA	mg/L	1.00	220%	75 - 125	2	20	6121703	NPL1063-01	12/12/06 00:35
6121704-MSD1												
Iron	ND	1.00		mg/L	1.00	100%	75 - 125	5	20	6121704	NPL1217-01	12/12/06 02:12

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
EPA 160.1	Water	N/A	X	X
EPA 300.0	Water	N/A	X	X
EPA 310.1	Water	N/A	X	X
EPA 376.1	Water	N/A	X	X
EPA 415.1	Water	N/A	X	X
RSK 175	Water	N/A	X	
SM 3500Fe D	Water			
SM 4500CO2 C	Water	N/A		
SW846 6010B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

TestAmerica
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SM 3500Fe D	Water	Iron, ferrous
SM 4500CO2 C	Water	Carbon Dioxide

TestAmerica
ANALYTICAL TESTING CORPORATION
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

DATA QUALIFIERS AND DEFINITIONS

H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
pH	pH >2

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NPL0840

Nashville Division

COOLER RECEIPT FORM **BC#**

Cooler Received/Opened On 12/07/06 @ 800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1520

Fed-EX

2. Temperature of representative sample or temperature blank when opened: 4.0 **Degrees Celsius**
(indicate IR Gun ID#)

92171982

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA 12/9/06

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... WS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES....NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... WS

I certify that I attached a label with the unique LIMS number to each container (intial)..... WS

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 10761

WS 12/7/06

BIS = Broken in shipment

Cooler Receipt Form LF-1 Revised 3/9/06

End of Form

sample OB-01 pH = 7, Should be a < 2 + Yr sulfide ~~cyanide~~ on OB-08 pH = 7, Should be > Yr 9

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC Client #: 4917
Address: 1431 Centerpoint Blvd, STE 150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-414-0351 Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520.06.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 121102-27-199 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Nitrate/Nitrite/Chloride by 300.0	VOCs (8260B)	TOC (9060A)	DOC (9060A)	Methane/ethane/ethene by RSK175	Total Iron/Manganese by 6010B	Dissolved Iron/Manganese by 6010B - lab filtered	Sulfide (376.1)	TDS (160.1)	Ferrous Iron (3500)	Alkalinity (310.1)	REMARKS
JF-04	12/06/06	1435	G		GW								X	X	X	X	X	X	X	X	X	X	X	lab filtered dissolved -01
UB-UX	↓	1620	G		GW								X	X	X	X	X	X	X	X	X	X	X	↓ -02

QC Deliverables: X None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:

NPL0840
12/21/06 23:59

Special Instructions: Unable to keep bubbles out of the 40-ml vials

Relinquished By: Joe Deatherage	Date: 12-6-06	Time: 1730	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date: 12/7/06	Time: 830	

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 20, 2006 4:45:30PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPL0931
Project Name: Former Taylor Instruments
Project Nbr: 3031052000.04
P/O Nbr: 52196
Date Received: 12/07/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
TW-17	NPL0931-01	12/06/06 08:20
TW-20	NPL0931-02	12/06/06 09:30
TW-09	NPL0931-03	12/06/06 10:45

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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New York Certification Number: 11342

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Program Manager - Conventional Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-01 (TW-17 - Ground Water) Sampled: 12/06/06 08:20								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**371**		mg/L	10.0	1	12/07/06 21:12	EPA 310.1	6121187
Carbon Dioxide	**80.9**	HTI	mg/L	5.00	1	12/08/06 09:39	SM 4500CO2 C	6121100
Chloride	**12.9**		mg/L	3.00	3	12/13/06 20:46	EPA 300.0	6121272
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/07/06 20:03	SM 3500Fe D	6121260
Nitrate as N	ND		mg/L	0.100	1	12/08/06 04:41	EPA 300.0	6121272
Sulfate	**90.0**		mg/L	3.00	3	12/13/06 20:46	EPA 300.0	6121272
Sulfide	ND		mg/L	1.00	1	12/12/06 20:05	EPA 376.1	6121857
Total Organic Carbon	**1.67**		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 19:03	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 19:03	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 19:03	RSK 175	6120697
Surr: Acetylene (76-122%)	*105 %*					*12/09/06 19:03*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/12/06 19:03	SW846 8260B	6121503
1,4-Dioxane	ND		ug/L	200	1	12/12/06 19:03	SW846 8260B	6121503
Benzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Bromobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Bromochloromethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Bromodichloromethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Bromoform	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Bromomethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
2-Butanone	ND		ug/L	50.0	1	12/12/06 19:03	SW846 8260B	6121503
sec-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
n-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
tert-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Carbon disulfide	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Carbon Tetrachloride	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Chlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Chlorodibromomethane	**3.71**		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Chloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Chloroform	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Chloromethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
2-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
4-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Dibromomethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-01 (TW-17 - Ground Water) - cont. Sampled: 12/06/06 08:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
cis-1,2-Dichloroethene	**7.47**		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,3-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
2,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Ethylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Hexachlorobutadiene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
2-Hexanone	ND		ug/L	50.0	1	12/12/06 19:03	SW846 8260B	6121503
Isopropylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
p-Isopropyltoluene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Methylene Chloride	ND		ug/L	5.00	1	12/12/06 19:03	SW846 8260B	6121503
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/12/06 19:03	SW846 8260B	6121503
Naphthalene	ND		ug/L	5.00	1	12/12/06 19:03	SW846 8260B	6121503
n-Propylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Styrene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Tetrachloroethene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Toluene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Trichloroethene	**246**		ug/L	10.0	10	12/15/06 12:38	SW846 8260B	6122801
Trichlorofluoromethane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Vinyl chloride	ND		ug/L	1.00	1	12/12/06 19:03	SW846 8260B	6121503
Xylenes, total	ND		ug/L	3.00	1	12/12/06 19:03	SW846 8260B	6121503
Surr: 1,2-Dichloroethane-d4 (62-142%)	*130 %*					*12/12/06 19:03*	*SW846 8260B*	*6121503*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*104 %*					*12/15/06 12:38*	*SW846 8260B*	*6122801*
Surr: Dibromofluoromethane (78-123%)	*114 %*					*12/12/06 19:03*	*SW846 8260B*	*6121503*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*12/15/06 12:38*	*SW846 8260B*	*6122801*
Surr: Toluene-d8 (79-120%)	*100 %*					*12/12/06 19:03*	*SW846 8260B*	*6121503*
Surr: Toluene-d8 (79-120%)	*104 %*					*12/15/06 12:38*	*SW846 8260B*	*6122801*
Surr: 4-Bromofluorobenzene (75-133%)	*106 %*					*12/12/06 19:03*	*SW846 8260B*	*6121503*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-01RE1 (TW-17 - Ground Water) - cont. Sampled: 12/06/06 08:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (75-133%)	*108 %*					*12/15/06 12:38*	*SW846 8260B*	*6122801*
Sample ID: NPL0931-02 (TW-20 - Ground Water) Sampled: 12/06/06 09:30								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**377**		mg/L	10.0	1	12/07/06 21:12	EPA 310.1	6121187
Carbon Dioxide	**64.2**	HTI	mg/L	5.00	1	12/08/06 09:39	SM 4500CO2 C	6121100
Chloride	**10.9**		mg/L	1.00	1	12/15/06 08:18	EPA 300.0	6121272
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/07/06 20:03	SM 3500Fe D	6121260
Nitrate as N	ND		mg/L	0.100	1	12/08/06 05:25	EPA 300.0	6121272
Sulfate	**51.6**		mg/L	3.00	3	12/13/06 21:00	EPA 300.0	6121272
Sulfide	ND		mg/L	1.00	1	12/12/06 20:05	EPA 376.1	6121857
Total Organic Carbon	ND		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 19:06	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 19:06	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 19:06	RSK 175	6120697
Surr: Acetylene (76-122%)	*104 %*					*12/09/06 19:06*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/12/06 19:29	SW846 8260B	6121503
1,4-Dioxane	ND		ug/L	200	1	12/12/06 19:29	SW846 8260B	6121503
Benzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Bromobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Bromochloromethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Bromodichloromethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Bromoform	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Bromomethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
2-Butanone	ND		ug/L	50.0	1	12/12/06 19:29	SW846 8260B	6121503
sec-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
n-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
tert-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Carbon disulfide	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Carbon Tetrachloride	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Chlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Chlorodibromomethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Chloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Chloroform	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Chloromethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
2-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
4-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Dibromomethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-02 (TW-20 - Ground Water) - cont. Sampled: 12/06/06 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,3-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
2,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Ethylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Hexachlorobutadiene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
2-Hexanone	ND		ug/L	50.0	1	12/12/06 19:29	SW846 8260B	6121503
Isopropylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
p-Isopropyltoluene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Methylene Chloride	ND		ug/L	5.00	1	12/12/06 19:29	SW846 8260B	6121503
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/12/06 19:29	SW846 8260B	6121503
Naphthalene	ND		ug/L	5.00	1	12/12/06 19:29	SW846 8260B	6121503
n-Propylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Styrene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Tetrachloroethene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Toluene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Trichloroethene	**13.2**		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Trichlorofluoromethane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Vinyl chloride	ND		ug/L	1.00	1	12/12/06 19:29	SW846 8260B	6121503
Xylenes, total	ND		ug/L	3.00	1	12/12/06 19:29	SW846 8260B	6121503
Surr: 1,2-Dichloroethane-d4 (62-142%)	*131 %*					*12/12/06 19:29*	*SW846 8260B*	*6121503*
Surr: Dibromofluoromethane (78-123%)	*116 %*					*12/12/06 19:29*	*SW846 8260B*	*6121503*
Surr: Toluene-d8 (79-120%)	*98 %*					*12/12/06 19:29*	*SW846 8260B*	*6121503*
Surr: 4-Bromofluorobenzene (75-133%)	*105 %*					*12/12/06 19:29*	*SW846 8260B*	*6121503*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-02 (TW-20 - Ground Water) - cont. Sampled: 12/06/06 09:30								
Sample ID: NPL0931-03 (TW-09 - Ground Water) Sampled: 12/06/06 10:45								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	ND		mg/L	10.0	1	12/12/06 11:24	EPA 310.1	6121213
Carbon Dioxide	**97.6**	HTI	mg/L	5.00	1	12/08/06 09:39	SM 4500CO2 C	6121100
Chloride	**7.02**		mg/L	1.00	1	12/08/06 05:40	EPA 300.0	6121272
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/07/06 20:03	SM 3500Fe D	6121260
Nitrate as N	**1.87**	H2	mg/L	0.100	1	12/13/06 22:14	EPA 300.0	6121272
Sulfate	**37.5**		mg/L	3.00	3	12/13/06 21:15	EPA 300.0	6121272
Sulfide	ND		mg/L	1.00	1	12/12/06 20:05	EPA 376.1	6121857
Total Organic Carbon	**1.39**		mg/L	1.00	1	12/18/06 02:21	EPA 415.1	6121022
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/09/06 19:08	RSK 175	6120697
Ethene	ND		ug/L	26.0	1	12/09/06 19:08	RSK 175	6120697
Methane	ND		ug/L	26.0	1	12/09/06 19:08	RSK 175	6120697
Surr: Acetylene (76-122%)	*104 %*					*12/09/06 19:08*	*RSK 175*	*6120697*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/12/06 19:54	SW846 8260B	6121503
1,4-Dioxane	ND		ug/L	200	1	12/12/06 19:54	SW846 8260B	6121503
Benzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Bromobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Bromochloromethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Bromodichloromethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Bromoform	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Bromomethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
2-Butanone	ND		ug/L	50.0	1	12/12/06 19:54	SW846 8260B	6121503
sec-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
n-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
tert-Butylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Carbon disulfide	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Carbon Tetrachloride	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Chlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Chlorodibromomethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Chloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Chloroform	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Chloromethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
2-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
4-Chlorotoluene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Dibromomethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503

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Attn	Joe Deatherage	Received:	12/07/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL0931-03 (TW-09 - Ground Water) - cont. Sampled: 12/06/06 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2-Dichloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
cis-1,2-Dichloroethene	**2.60**		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,3-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
2,2-Dichloropropane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1-Dichloropropene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Ethylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Hexachlorobutadiene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
2-Hexanone	ND		ug/L	50.0	1	12/12/06 19:54	SW846 8260B	6121503
Isopropylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
p-Isopropyltoluene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Methylene Chloride	ND		ug/L	5.00	1	12/12/06 19:54	SW846 8260B	6121503
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/12/06 19:54	SW846 8260B	6121503
Naphthalene	ND		ug/L	5.00	1	12/12/06 19:54	SW846 8260B	6121503
n-Propylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Styrene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Tetrachloroethene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Toluene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Trichloroethene	**34.3**		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Trichlorofluoromethane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Vinyl chloride	ND		ug/L	1.00	1	12/12/06 19:54	SW846 8260B	6121503
Xylenes, total	ND		ug/L	3.00	1	12/12/06 19:54	SW846 8260B	6121503
Surr: 1,2-Dichloroethane-d4 (62-142%)	*136 %*					*12/12/06 19:54*	*SW846 8260B*	*6121503*
Surr: Dibromofluoromethane (78-123%)	*117 %*					*12/12/06 19:54*	*SW846 8260B*	*6121503*
Surr: Toluene-d8 (79-120%)	*99 %*					*12/12/06 19:54*	*SW846 8260B*	*6121503*
Surr: 4-Bromofluorobenzene (75-133%)	*105 %*					*12/12/06 19:54*	*SW846 8260B*	*6121503*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6121022-BLK1						
Total Organic Carbon	<0.520		mg/L	6121022	6121022-BLK1	12/18/06 02:21
6121100-BLK1						
Carbon Dioxide	<3.60		mg/L	6121100	6121100-BLK1	12/08/06 09:39
6121100-BLK2						
Carbon Dioxide	<3.60		mg/L	6121100	6121100-BLK2	12/08/06 09:39
6121187-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6121187	6121187-BLK1	12/07/06 21:12
6121213-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6121213	6121213-BLK1	12/12/06 11:24
6121213-BLK2						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6121213	6121213-BLK2	12/12/06 11:24
6121260-BLK1						
Iron, ferrous	<0.0500		mg/L	6121260	6121260-BLK1	12/07/06 19:05
6121272-BLK1						
Chloride	<0.500		mg/L	6121272	6121272-BLK1	12/08/06 02:29
Nitrate as N	<0.0500		mg/L	6121272	6121272-BLK1	12/13/06 10:26
Sulfate	<0.500		mg/L	6121272	6121272-BLK1	12/08/06 02:29
6121857-BLK1						
Sulfide	<0.380		mg/L	6121857	6121857-BLK1	12/12/06 20:05
Methane, Ethane, and Ethene by GC						
6120697-BLK1						
Ethane	<14.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Ethene	<11.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Methane	<15.0		ug/L	6120697	6120697-BLK1	12/09/06 17:19
Surrogate: Acetylene	104%			6120697	6120697-BLK1	12/09/06 17:19
Volatile Organic Compounds by EPA Method 8260B						
6121503-BLK1						
Acetone	<7.41		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,4-Dioxane	<85.9		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Benzene	<0.330		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Bromobenzene	<0.450		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Bromochloromethane	<0.700		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Bromodichloromethane	<0.390		ug/L	6121503	6121503-BLK1	12/12/06 17:48

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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121503-BLK1						
Bromoform	<0.540		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Bromomethane	<0.420		ug/L	6121503	6121503-BLK1	12/12/06 17:48
2-Butanone	<3.06		ug/L	6121503	6121503-BLK1	12/12/06 17:48
sec-Butylbenzene	<0.260		ug/L	6121503	6121503-BLK1	12/12/06 17:48
n-Butylbenzene	<0.780		ug/L	6121503	6121503-BLK1	12/12/06 17:48
tert-Butylbenzene	<0.400		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Carbon disulfide	<0.230		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Carbon Tetrachloride	<0.410		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Chlorobenzene	<0.340		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Chlorodibromomethane	<0.480		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Chloroethane	<0.350		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Chloroform	<0.510		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Chloromethane	<0.310		ug/L	6121503	6121503-BLK1	12/12/06 17:48
2-Chlorotoluene	<0.210		ug/L	6121503	6121503-BLK1	12/12/06 17:48
4-Chlorotoluene	<0.410		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2-Dibromoethane (EDB)	<0.320		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Dibromomethane	<0.430		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,4-Dichlorobenzene	<0.360		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,3-Dichlorobenzene	<0.410		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2-Dichlorobenzene	<0.440		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Dichlorodifluoromethane	<0.290		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1-Dichloroethane	<0.600		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2-Dichloroethane	<0.460		ug/L	6121503	6121503-BLK1	12/12/06 17:48
cis-1,2-Dichloroethene	<0.540		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1-Dichloroethene	<0.270		ug/L	6121503	6121503-BLK1	12/12/06 17:48
trans-1,2-Dichloroethene	<0.200		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,3-Dichloropropane	<0.480		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2-Dichloropropane	<0.370		ug/L	6121503	6121503-BLK1	12/12/06 17:48
2,2-Dichloropropane	<0.370		ug/L	6121503	6121503-BLK1	12/12/06 17:48
cis-1,3-Dichloropropene	<0.330		ug/L	6121503	6121503-BLK1	12/12/06 17:48
trans-1,3-Dichloropropene	<0.310		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1-Dichloropropene	<0.280		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Ethylbenzene	<0.420		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Hexachlorobutadiene	<0.660		ug/L	6121503	6121503-BLK1	12/12/06 17:48
2-Hexanone	<2.19		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Isopropylbenzene	<0.410		ug/L	6121503	6121503-BLK1	12/12/06 17:48
p-Isopropyltoluene	<0.320		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Methyl tert-Butyl Ether	<0.310		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Methylene Chloride	<2.10		ug/L	6121503	6121503-BLK1	12/12/06 17:48
4-Methyl-2-pentanone	<4.15		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Naphthalene	<0.650		ug/L	6121503	6121503-BLK1	12/12/06 17:48

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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6121503-BLK1						
n-Propylbenzene	<0.350		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Styrene	<0.390		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Tetrachloroethene	<0.320		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Toluene	<0.420		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2,3-Trichlorobenzene	<0.620		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2,4-Trichlorobenzene	<0.620		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1,2-Trichloroethane	<0.570		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,1,1-Trichloroethane	<0.350		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Trichloroethene	<0.510		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Trichlorofluoromethane	<0.400		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2,3-Trichloropropane	<0.520		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,3,5-Trimethylbenzene	<0.240		ug/L	6121503	6121503-BLK1	12/12/06 17:48
1,2,4-Trimethylbenzene	<0.350		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Vinyl chloride	<0.260		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Xylenes, total	<0.450		ug/L	6121503	6121503-BLK1	12/12/06 17:48
Surrogate: 1,2-Dichloroethane-d4	128%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: 1,2-Dichloroethane-d4	128%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: Dibromofluoromethane	112%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: Dibromofluoromethane	112%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: Toluene-d8	98%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: Toluene-d8	98%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: 4-Bromofluorobenzene	105%			6121503	6121503-BLK1	12/12/06 17:48
Surrogate: 4-Bromofluorobenzene	105%			6121503	6121503-BLK1	12/12/06 17:48
6122801-BLK1						
Acetone	<7.41		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Benzene	<0.330		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Bromobenzene	<0.450		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Bromochloromethane	<0.700		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Bromodichloromethane	<0.390		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Bromoform	<0.540		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Bromomethane	<0.420		ug/L	6122801	6122801-BLK1	12/15/06 11:49
2-Butanone	<3.06		ug/L	6122801	6122801-BLK1	12/15/06 11:49
sec-Butylbenzene	<0.260		ug/L	6122801	6122801-BLK1	12/15/06 11:49
n-Butylbenzene	<0.780		ug/L	6122801	6122801-BLK1	12/15/06 11:49
tert-Butylbenzene	<0.400		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Carbon disulfide	<0.230		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Carbon Tetrachloride	<0.410		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Chlorobenzene	<0.340		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Chlorodibromomethane	<0.480		ug/L	6122801	6122801-BLK1	12/15/06 11:49

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6122801-BLK1						
Chloroethane	<0.350		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Chloroform	<0.510		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Chloromethane	<0.310		ug/L	6122801	6122801-BLK1	12/15/06 11:49
2-Chlorotoluene	<0.210		ug/L	6122801	6122801-BLK1	12/15/06 11:49
4-Chlorotoluene	<0.410		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2-Dibromoethane (EDB)	<0.320		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Dibromomethane	<0.430		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,4-Dichlorobenzene	<0.360		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,3-Dichlorobenzene	<0.410		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2-Dichlorobenzene	<0.440		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Dichlorodifluoromethane	<0.290		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1-Dichloroethane	<0.600		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2-Dichloroethane	<0.460		ug/L	6122801	6122801-BLK1	12/15/06 11:49
cis-1,2-Dichloroethene	<0.540		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1-Dichloroethene	<0.270		ug/L	6122801	6122801-BLK1	12/15/06 11:49
trans-1,2-Dichloroethene	<0.200		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,3-Dichloropropane	<0.480		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2-Dichloropropane	<0.370		ug/L	6122801	6122801-BLK1	12/15/06 11:49
2,2-Dichloropropane	<0.370		ug/L	6122801	6122801-BLK1	12/15/06 11:49
cis-1,3-Dichloropropene	<0.330		ug/L	6122801	6122801-BLK1	12/15/06 11:49
trans-1,3-Dichloropropene	<0.310		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1-Dichloropropene	<0.280		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Ethylbenzene	<0.420		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Hexachlorobutadiene	<0.660		ug/L	6122801	6122801-BLK1	12/15/06 11:49
2-Hexanone	<2.19		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Isopropylbenzene	<0.410		ug/L	6122801	6122801-BLK1	12/15/06 11:49
p-Isopropyltoluene	<0.320		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Methyl tert-Butyl Ether	<0.310		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Methylene Chloride	<2.10		ug/L	6122801	6122801-BLK1	12/15/06 11:49
4-Methyl-2-pentanone	<4.15		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Naphthalene	<0.650		ug/L	6122801	6122801-BLK1	12/15/06 11:49
n-Propylbenzene	<0.350		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Styrene	<0.390		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Tetrachloroethene	<0.320		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Toluene	<0.420		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2,3-Trichlorobenzene	<0.620		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2,4-Trichlorobenzene	<0.620		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1,2-Trichloroethane	<0.570		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,1,1-Trichloroethane	<0.350		ug/L	6122801	6122801-BLK1	12/15/06 11:49

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6122801-BLK1						
Trichloroethene	<0.510		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Trichlorofluoromethane	<0.400		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2,3-Trichloropropane	<0.520		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,3,5-Trimethylbenzene	<0.240		ug/L	6122801	6122801-BLK1	12/15/06 11:49
1,2,4-Trimethylbenzene	<0.350		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Vinyl chloride	<0.260		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Xylenes, total	<0.450		ug/L	6122801	6122801-BLK1	12/15/06 11:49
Surrogate: 1,2-Dichloroethane-d4	104%			6122801	6122801-BLK1	12/15/06 11:49
Surrogate: Dibromofluoromethane	98%			6122801	6122801-BLK1	12/15/06 11:49
Surrogate: Toluene-d8	105%			6122801	6122801-BLK1	12/15/06 11:49
Surrogate: 4-Bromofluorobenzene	106%			6122801	6122801-BLK1	12/15/06 11:49

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6121022-DUP1									
Total Organic Carbon	ND	ND		mg/L		20	6121022	NPL0656-01	12/18/06 02:21
6121022-DUP2									
Total Organic Carbon	1.39	1.60		mg/L	14	20	6121022	NPL0931-03	12/18/06 02:21
6121100-DUP1									
Carbon Dioxide	97.6	94.1		mg/L	4	20	6121100	NPL0931-03	12/08/06 09:39
6121100-DUP2									
Carbon Dioxide	ND	ND		mg/L		20	6121100	NPL1096-02	12/08/06 09:39
6121187-DUP1									
Alkalinity, Total (CaCO3)	48.6	50.0		mg/L	3	20	6121187	NPL0917-13	12/07/06 21:12
6121213-DUP1									
Alkalinity, Total (CaCO3)	69.4	69.6		mg/L	0.3	20	6121213	NPL0909-02	12/12/06 11:24
6121213-DUP2									
Alkalinity, Total (CaCO3)	16.0	16.2		mg/L	1	20	6121213	NPL0925-01	12/12/06 11:24
6121260-DUP1									
Iron, ferrous	0.0660	0.0560		mg/L	16	20	6121260	NPL0931-03	12/07/06 20:05
6121272-DUP1									
Chloride	7.02	7.02	MNR	mg/L	0	20	6121272	NPL0931-03	12/08/06 05:54
Nitrate as N	1.87	1.88		mg/L	0.5	20	6121272	NPL0931-03	12/13/06 22:29
Sulfate	37.5	36.6		mg/L	2	20	6121272	NPL0931-03	12/13/06 21:30
6121857-DUP1									
Sulfide	ND	ND		mg/L		10	6121857	NPL1005-01	12/12/06 20:05

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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6121022-BS1								
Total Organic Carbon	200	199		ug/mL	100%	87 - 110	6121022	12/18/06 02:21
6121100-BS1								
Carbon Dioxide	100	102		ug/mL	102%	90 - 110	6121100	12/08/06 09:39
6121100-BS2								
Carbon Dioxide	100	99.9		ug/mL	100%	90 - 110	6121100	12/08/06 09:39
6121187-BS1								
Alkalinity, Total (CaCO3)	20.0	20.2		ug/mL	101%	90 - 110	6121187	12/07/06 21:12
6121213-BS1								
Alkalinity, Total (CaCO3)	100	99.8		ug/mL	100%	90 - 110	6121213	12/12/06 11:24
6121213-BS2								
Alkalinity, Total (CaCO3)	100	99.6		ug/mL	100%	90 - 110	6121213	12/12/06 11:24
6121260-BS1								
Iron, ferrous	1.00	1.04	MNR	ug/mL	104%	80 - 120	6121260	12/07/06 19:05
6121272-BS1								
Chloride	3.00	3.11		ug/mL	104%	90 - 110	6121272	12/08/06 02:43
Nitrate as N	3.00	2.98		ug/mL	99%	90 - 110	6121272	12/13/06 10:40
Sulfate	15.0	15.1	MNR	ug/mL	101%	90 - 110	6121272	12/13/06 10:40
6121857-BS1								
Sulfide	20.0	19.3		ug/mL	96%	90 - 110	6121857	12/12/06 20:05
Methane, Ethane, and Ethene by GC								
6120697-BS1								
Ethane	2500	2200		ug/L	88%	78 - 112	6120697	12/09/06 17:52
Ethene	2340	2060		ug/L	88%	79 - 112	6120697	12/09/06 17:52
Methane	1330	1380		ug/L	104%	85 - 120	6120697	12/09/06 17:52
Surrogate: Acetylene	4320	4520			105%	76 - 122	6120697	12/09/06 17:52
Volatile Organic Compounds by EPA Method 8260B								
6121503-BS1								
Acetone	250	250		ug/L	100%	63 - 147	6121503	12/12/06 16:32
1,4-Dioxane	5000	3840		ug/L	77%	37 - 168	6121503	12/12/06 16:32
Benzene	50.0	50.3		ug/L	101%	78 - 125	6121503	12/12/06 16:32
Bromobenzene	50.0	50.9		ug/L	102%	71 - 142	6121503	12/12/06 16:32
Bromochloromethane	50.0	50.1		ug/L	100%	76 - 129	6121503	12/12/06 16:32
Bromodichloromethane	50.0	61.7		ug/L	123%	71 - 134	6121503	12/12/06 16:32

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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121503-BS1								
Bromoform	50.0	44.8		ug/L	90%	49 - 129	6121503	12/12/06 16:32
Bromomethane	50.0	40.9		ug/L	82%	42 - 154	6121503	12/12/06 16:32
2-Butanone	250	247		ug/L	99%	74 - 130	6121503	12/12/06 16:32
sec-Butylbenzene	50.0	53.7		ug/L	107%	78 - 129	6121503	12/12/06 16:32
n-Butylbenzene	50.0	56.3		ug/L	113%	68 - 138	6121503	12/12/06 16:32
tert-Butylbenzene	50.0	54.0		ug/L	108%	79 - 128	6121503	12/12/06 16:32
Carbon disulfide	50.0	44.9		ug/L	90%	65 - 122	6121503	12/12/06 16:32
Carbon Tetrachloride	50.0	61.7		ug/L	123%	62 - 142	6121503	12/12/06 16:32
Chlorobenzene	50.0	53.6		ug/L	107%	82 - 125	6121503	12/12/06 16:32
Chlorodibromomethane	50.0	50.8		ug/L	102%	67 - 135	6121503	12/12/06 16:32
Chloroethane	50.0	51.6		ug/L	103%	57 - 138	6121503	12/12/06 16:32
Chloroform	50.0	56.6		ug/L	113%	75 - 122	6121503	12/12/06 16:32
Chloromethane	50.0	37.4		ug/L	75%	31 - 147	6121503	12/12/06 16:32
2-Chlorotoluene	50.0	53.5		ug/L	107%	74 - 135	6121503	12/12/06 16:32
4-Chlorotoluene	50.0	53.6		ug/L	107%	74 - 133	6121503	12/12/06 16:32
1,2-Dibromo-3-chloropropane	50.0	56.9		ug/L	114%	45 - 140	6121503	12/12/06 16:32
1,2-Dibromoethane (EDB)	50.0	54.1		ug/L	108%	80 - 132	6121503	12/12/06 16:32
Dibromomethane	50.0	55.4		ug/L	111%	69 - 132	6121503	12/12/06 16:32
1,4-Dichlorobenzene	50.0	51.1		ug/L	102%	79 - 125	6121503	12/12/06 16:32
1,3-Dichlorobenzene	50.0	51.0		ug/L	102%	77 - 132	6121503	12/12/06 16:32
1,2-Dichlorobenzene	50.0	53.3		ug/L	107%	82 - 133	6121503	12/12/06 16:32
Dichlorodifluoromethane	50.0	30.1		ug/L	60%	34 - 120	6121503	12/12/06 16:32
1,1-Dichloroethane	50.0	52.3		ug/L	105%	79 - 120	6121503	12/12/06 16:32
1,2-Dichloroethane	50.0	61.9		ug/L	124%	64 - 134	6121503	12/12/06 16:32
cis-1,2-Dichloroethene	50.0	56.6		ug/L	113%	71 - 126	6121503	12/12/06 16:32
1,1-Dichloroethene	50.0	51.3		ug/L	103%	71 - 123	6121503	12/12/06 16:32
trans-1,2-Dichloroethene	50.0	56.4		ug/L	113%	74 - 127	6121503	12/12/06 16:32
1,3-Dichloropropane	50.0	52.1		ug/L	104%	80 - 128	6121503	12/12/06 16:32
1,2-Dichloropropane	50.0	49.5		ug/L	99%	73 - 120	6121503	12/12/06 16:32
2,2-Dichloropropane	50.0	60.7		ug/L	121%	25 - 156	6121503	12/12/06 16:32
cis-1,3-Dichloropropene	50.0	56.1		ug/L	112%	70 - 135	6121503	12/12/06 16:32
trans-1,3-Dichloropropene	50.0	50.6		ug/L	101%	61 - 124	6121503	12/12/06 16:32
1,1-Dichloropropene	50.0	53.6		ug/L	107%	79 - 138	6121503	12/12/06 16:32
Ethylbenzene	50.0	55.0		ug/L	110%	73 - 134	6121503	12/12/06 16:32
Hexachlorobutadiene	50.0	51.9		ug/L	104%	58 - 145	6121503	12/12/06 16:32
2-Hexanone	250	265		ug/L	106%	72 - 136	6121503	12/12/06 16:32
Isopropylbenzene	50.0	55.0		ug/L	110%	74 - 121	6121503	12/12/06 16:32
p-Isopropyltoluene	50.0	52.3		ug/L	105%	70 - 133	6121503	12/12/06 16:32
Methyl tert-Butyl Ether	50.0	51.9		ug/L	104%	69 - 122	6121503	12/12/06 16:32
Methylene Chloride	50.0	54.0		ug/L	108%	75 - 127	6121503	12/12/06 16:32
4-Methyl-2-pentanone	250	256		ug/L	102%	77 - 132	6121503	12/12/06 16:32

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Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6121503-BS1								
Naphthalene	50.0	52.2		ug/L	104%	65 - 145	6121503	12/12/06 16:32
n-Propylbenzene	50.0	49.9		ug/L	100%	76 - 133	6121503	12/12/06 16:32
Styrene	50.0	69.7		ug/L	139%	80 - 145	6121503	12/12/06 16:32
1,1,1,2-Tetrachloroethane	50.0	60.6		ug/L	121%	72 - 136	6121503	12/12/06 16:32
1,1,2,2-Tetrachloroethane	50.0	48.4		ug/L	97%	71 - 137	6121503	12/12/06 16:32
Tetrachloroethene	50.0	50.7		ug/L	101%	70 - 131	6121503	12/12/06 16:32
Toluene	50.0	51.8		ug/L	104%	78 - 122	6121503	12/12/06 16:32
1,2,3-Trichlorobenzene	50.0	52.2		ug/L	104%	60 - 144	6121503	12/12/06 16:32
1,2,4-Trichlorobenzene	50.0	49.6		ug/L	99%	63 - 140	6121503	12/12/06 16:32
1,1,2-Trichloroethane	50.0	51.5		ug/L	103%	81 - 127	6121503	12/12/06 16:32
1,1,1-Trichloroethane	50.0	60.0		ug/L	120%	69 - 128	6121503	12/12/06 16:32
Trichloroethene	50.0	51.3		ug/L	103%	73 - 133	6121503	12/12/06 16:32
Trichlorofluoromethane	50.0	52.6		ug/L	105%	49 - 139	6121503	12/12/06 16:32
1,2,3-Trichloropropane	50.0	49.6		ug/L	99%	52 - 151	6121503	12/12/06 16:32
1,3,5-Trimethylbenzene	50.0	53.6		ug/L	107%	72 - 136	6121503	12/12/06 16:32
1,2,4-Trimethylbenzene	50.0	52.4		ug/L	105%	73 - 134	6121503	12/12/06 16:32
Vinyl chloride	50.0	50.9		ug/L	102%	54 - 137	6121503	12/12/06 16:32
Xylenes, total	150	174		ug/L	116%	79 - 130	6121503	12/12/06 16:32
Surrogate: 1,2-Dichloroethane-d4	50.0	58.9			118%	62 - 142	6121503	12/12/06 16:32
Surrogate: 1,2-Dichloroethane-d4	50.0	58.9			118%	62 - 142	6121503	12/12/06 16:32
Surrogate: Dibromofluoromethane	50.0	53.1			106%	78 - 123	6121503	12/12/06 16:32
Surrogate: Dibromofluoromethane	50.0	53.1			106%	78 - 123	6121503	12/12/06 16:32
Surrogate: Toluene-d8	50.0	49.2			98%	79 - 120	6121503	12/12/06 16:32
Surrogate: Toluene-d8	50.0	49.2			98%	79 - 120	6121503	12/12/06 16:32
Surrogate: 4-Bromofluorobenzene	50.0	46.3			93%	75 - 133	6121503	12/12/06 16:32
Surrogate: 4-Bromofluorobenzene	50.0	46.3			93%	75 - 133	6121503	12/12/06 16:32
6122801-BS1								
Acetone	250	179		ug/L	72%	63 - 147	6122801	12/15/06 10:38
Benzene	50.0	54.2		ug/L	108%	78 - 125	6122801	12/15/06 10:38
Bromobenzene	50.0	55.8		ug/L	112%	71 - 142	6122801	12/15/06 10:38
Bromochloromethane	50.0	53.8		ug/L	108%	76 - 129	6122801	12/15/06 10:38
Bromodichloromethane	50.0	42.8		ug/L	86%	71 - 134	6122801	12/15/06 10:38
Bromoform	50.0	53.4		ug/L	107%	49 - 129	6122801	12/15/06 10:38
Bromomethane	50.0	36.9		ug/L	74%	42 - 154	6122801	12/15/06 10:38
2-Butanone	250	265		ug/L	106%	74 - 130	6122801	12/15/06 10:38
sec-Butylbenzene	50.0	60.8		ug/L	122%	78 - 129	6122801	12/15/06 10:38
n-Butylbenzene	50.0	55.2		ug/L	110%	68 - 138	6122801	12/15/06 10:38
tert-Butylbenzene	50.0	61.1		ug/L	122%	79 - 128	6122801	12/15/06 10:38
Carbon disulfide	50.0	38.3		ug/L	77%	65 - 122	6122801	12/15/06 10:38
Carbon Tetrachloride	50.0	45.1		ug/L	90%	62 - 142	6122801	12/15/06 10:38
Chlorobenzene	50.0	54.4		ug/L	109%	82 - 125	6122801	12/15/06 10:38

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6122801-BS1								
Chlorodibromomethane	50.0	54.3		ug/L	109%	67 - 135	6122801	12/15/06 10:38
Chloroethane	50.0	39.6		ug/L	79%	57 - 138	6122801	12/15/06 10:38
Chloroform	50.0	52.6		ug/L	105%	75 - 122	6122801	12/15/06 10:38
Chloromethane	50.0	27.6		ug/L	55%	31 - 147	6122801	12/15/06 10:38
2-Chlorotoluene	50.0	58.1		ug/L	116%	74 - 135	6122801	12/15/06 10:38
4-Chlorotoluene	50.0	56.7		ug/L	113%	74 - 133	6122801	12/15/06 10:38
1,2-Dibromo-3-chloropropane	50.0	56.7		ug/L	113%	45 - 140	6122801	12/15/06 10:38
1,2-Dibromoethane (EDB)	50.0	59.8		ug/L	120%	80 - 132	6122801	12/15/06 10:38
Dibromomethane	50.0	38.7		ug/L	77%	69 - 132	6122801	12/15/06 10:38
1,4-Dichlorobenzene	50.0	53.7		ug/L	107%	79 - 125	6122801	12/15/06 10:38
1,3-Dichlorobenzene	50.0	55.7		ug/L	111%	77 - 132	6122801	12/15/06 10:38
1,2-Dichlorobenzene	50.0	59.2		ug/L	118%	82 - 133	6122801	12/15/06 10:38
Dichlorodifluoromethane	50.0	17.4		ug/L	35%	34 - 120	6122801	12/15/06 10:38
1,1-Dichloroethane	50.0	56.6		ug/L	113%	79 - 120	6122801	12/15/06 10:38
1,2-Dichloroethane	50.0	47.9		ug/L	96%	64 - 134	6122801	12/15/06 10:38
cis-1,2-Dichloroethene	50.0	53.3		ug/L	107%	71 - 126	6122801	12/15/06 10:38
1,1-Dichloroethene	50.0	43.4		ug/L	87%	71 - 123	6122801	12/15/06 10:38
trans-1,2-Dichloroethene	50.0	54.5		ug/L	109%	74 - 127	6122801	12/15/06 10:38
1,3-Dichloropropane	50.0	55.2		ug/L	110%	80 - 128	6122801	12/15/06 10:38
1,2-Dichloropropane	50.0	37.7		ug/L	75%	73 - 120	6122801	12/15/06 10:38
2,2-Dichloropropane	50.0	30.2		ug/L	60%	25 - 156	6122801	12/15/06 10:38
cis-1,3-Dichloropropene	50.0	51.8		ug/L	104%	70 - 135	6122801	12/15/06 10:38
trans-1,3-Dichloropropene	50.0	51.0		ug/L	102%	61 - 124	6122801	12/15/06 10:38
1,1-Dichloropropene	50.0	53.4		ug/L	107%	79 - 138	6122801	12/15/06 10:38
Ethylbenzene	50.0	57.9		ug/L	116%	73 - 134	6122801	12/15/06 10:38
Hexachlorobutadiene	50.0	55.7		ug/L	111%	58 - 145	6122801	12/15/06 10:38
2-Hexanone	250	312		ug/L	125%	72 - 136	6122801	12/15/06 10:38
Isopropylbenzene	50.0	59.4		ug/L	119%	74 - 121	6122801	12/15/06 10:38
p-Isopropyltoluene	50.0	59.9		ug/L	120%	70 - 133	6122801	12/15/06 10:38
Methyl tert-Butyl Ether	50.0	54.3		ug/L	109%	69 - 122	6122801	12/15/06 10:38
Methylene Chloride	50.0	46.5		ug/L	93%	75 - 127	6122801	12/15/06 10:38
4-Methyl-2-pentanone	250	311		ug/L	124%	77 - 132	6122801	12/15/06 10:38
Naphthalene	50.0	60.7		ug/L	121%	65 - 145	6122801	12/15/06 10:38
n-Propylbenzene	50.0	57.8		ug/L	116%	76 - 133	6122801	12/15/06 10:38
Styrene	50.0	70.7		ug/L	141%	80 - 145	6122801	12/15/06 10:38
1,1,1,2-Tetrachloroethane	50.0	64.4		ug/L	129%	72 - 136	6122801	12/15/06 10:38
1,1,2,2-Tetrachloroethane	50.0	54.2		ug/L	108%	71 - 137	6122801	12/15/06 10:38
Tetrachloroethene	50.0	52.4		ug/L	105%	70 - 131	6122801	12/15/06 10:38
Toluene	50.0	55.6		ug/L	111%	78 - 122	6122801	12/15/06 10:38
1,2,3-Trichlorobenzene	50.0	57.6		ug/L	115%	60 - 144	6122801	12/15/06 10:38
1,2,4-Trichlorobenzene	50.0	55.4		ug/L	111%	63 - 140	6122801	12/15/06 10:38

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6122801-BS1								
1,1,2-Trichloroethane	50.0	55.7		ug/L	111%	81 - 127	6122801	12/15/06 10:38
1,1,1-Trichloroethane	50.0	52.3		ug/L	105%	69 - 128	6122801	12/15/06 10:38
Trichloroethene	50.0	41.6		ug/L	83%	73 - 133	6122801	12/15/06 10:38
Trichlorofluoromethane	50.0	33.1		ug/L	66%	49 - 139	6122801	12/15/06 10:38
1,2,3-Trichloropropane	50.0	50.9		ug/L	102%	52 - 151	6122801	12/15/06 10:38
1,3,5-Trimethylbenzene	50.0	59.7		ug/L	119%	72 - 136	6122801	12/15/06 10:38
1,2,4-Trimethylbenzene	50.0	60.8		ug/L	122%	73 - 134	6122801	12/15/06 10:38
Vinyl chloride	50.0	39.4		ug/L	79%	54 - 137	6122801	12/15/06 10:38
Xylenes, total	150	179		ug/L	119%	79 - 130	6122801	12/15/06 10:38
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	62 - 142	6122801	12/15/06 10:38
Surrogate: Dibromofluoromethane	50.0	48.1			96%	78 - 123	6122801	12/15/06 10:38
Surrogate: Toluene-d8	50.0	52.4			105%	79 - 120	6122801	12/15/06 10:38
Surrogate: 4-Bromofluorobenzene	50.0	50.3			101%	75 - 133	6122801	12/15/06 10:38

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6121022-MS1										
Total Organic Carbon	ND	21.5		ug/mL	20.0	108%	75 - 127	6121022	NPL0492-05	12/18/06 02:21
6121187-MS1										
Alkalinity, Total (CaCO3)	48.6	68.2		ug/mL	20.0	98%	80 - 120	6121187	NPL0917-13	12/07/06 21:12
6121213-MS1										
Alkalinity, Total (CaCO3)	111	211		ug/mL	100	100%	80 - 120	6121213	NPL0925-02	12/12/06 11:24
6121213-MS2										
Alkalinity, Total (CaCO3)	1.80	22.0		ug/mL	20.0	101%	80 - 120	6121213	NPL0909-08	12/12/06 11:24
6121272-MS1										
Nitrate as N	ND	3.06	MHA	ug/mL	3.00	102%	80 - 120	6121272	NPL0840-01	12/13/06 11:54
6121857-MS1										
Sulfide	ND	18.6		ug/mL	20.0	93%	79 - 113	6121857	NPL0779-04	12/12/06 20:05
Methane, Ethane, and Ethene by GC										
6120697-MS1										
Ethane	ND	2430		ug/L	2500	97%	65 - 117	6120697	NPL0656-01	12/09/06 17:25
Ethene	ND	2300		ug/L	2340	98%	66 - 117	6120697	NPL0656-01	12/09/06 17:25
Methane	ND	1560		ug/L	1330	117%	60 - 141	6120697	NPL0656-01	12/09/06 17:25
Surrogate: Acetylene		2140		ug/L	2160	99%	76 - 122	6120697	NPL0656-01	12/09/06 17:25

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6121022-MSD1												
Total Organic Carbon	ND	20.3		ug/mL	20.0	102%	75 - 127	6	20	6121022	NPL0492-05	12/18/06 02:21
6121272-MSD1												
Nitrate as N	ND	3.06	MHA	ug/mL	3.00	102%	80 - 120	0	20	6121272	NPL0840-01	12/13/06 12:09
6121857-MSD1												
Sulfide	ND	19.1		ug/mL	20.0	96%	79 - 113	3	10	6121857	NPL0779-04	12/12/06 20:05
Methane, Ethane, and Ethene by GC												
6120697-MSD1												
Ethane	ND	2440		ug/L	2500	98%	65 - 117	0.4	21	6120697	NPL0656-01	12/09/06 17:28
Ethene	ND	2290		ug/L	2340	98%	66 - 117	0.4	20	6120697	NPL0656-01	12/09/06 17:28
Methane	ND	1600		ug/L	1330	120%	60 - 141	3	29	6120697	NPL0656-01	12/09/06 17:28
Surrogate: Acetylene		2180		ug/L	2160	101%	76 - 122			6120697	NPL0656-01	12/09/06 17:28

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
EPA 300.0	Water	N/A	X	X
EPA 310.1	Water	N/A	X	X
EPA 376.1	Water	N/A	X	X
EPA 415.1	Water	N/A	X	X
RSK 175	Water	N/A	X	
SM 3500Fe D	Water			
SM 4500CO2 C	Water	N/A		
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SM 3500Fe D	Water	Iron, ferrous
SM 4500CO2 C	Water	Carbon Dioxide

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL0931
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052000.04
Attn	Joe Deatherage	Received:	12/07/06 08:00

DATA QUALIFIERS AND DEFINITIONS

H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
COOLER RECEIPT FORM

BC# NPL0931

Cooler Received/Opened On 12/07/06 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1209

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -1.2 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...(NO)..NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...(NA)

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES NO and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)..NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)..NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)..NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... L

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES..(NO)..NA

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)..NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...(NO)..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... ~

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)..NO...NA

17. Were correct containers used for the analysis requested?..... (YES)..NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)..NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... ~

I certify that I attached a label with the unique LIMS number to each container (intial)..... ~

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

Sulfide containers all have a ph of 7

BIS = Broken in shipment
Cooler Receipt Form

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC Client #: 4997
Address: 1431 Centerpoint Blvd, STE150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-414-0351 Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303105.2000.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 121102-217-199 PO#: 52196

NPL0931
12/21/06 23:59

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260	Sulfate (300)	Sulfide (376.1)	methane/ethane/ethene (8015)	TOC (415.1)	Chloride (300)	Iron II (ferrous) 3500	CO2 (4500C)	Nitrate (300)	Alkalinity (310.1)	QC: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:	REMARKS
TW-17	12-6-06	0820	G		GW								X	X	X	X	X	X	X	X	X	X		01
TW-20	↓	0930	G		GW								X	X	X	X	X	X	X	X	X	X		2
TW-09	↓	1045	G		GW								X	X	X	X	X	X	X	X	X	X		3

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: -1-L
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date	Time		Date	Time
Relinquished By: Joe Deatherage	12-6-06	1730	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received By:	12/7/06	8:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 27, 2006 3:27:35PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPL1647
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 12/12/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
BR-04	NPL1647-01	12/09/06 09:30
QAFB02	NPL1647-02	12/09/06 09:55
BR-05(MS/MSD)	NPL1647-03	12/09/06 10:40
QARB02	NPL1647-04	12/09/06 11:10
BR-08	NPL1647-05	12/09/06 12:10
BR-09	NPL1647-06	12/09/06 14:15
BR-11	NPL1647-07	12/09/06 15:05
BR-11(DUP)	NPL1647-08	12/09/06 15:10
BR-07	NPL1647-09	12/08/06 09:25
BR-07(DUP)	NPL1647-10	12/08/06 09:30
QATB01	NPL1647-11	12/08/06 09:40
QAFB01	NPL1647-12	12/08/06 09:45
QARB01	NPL1647-13	12/08/06 09:50
BR-06	NPL1647-14	12/08/06 10:45
BR-03	NPL1647-15	12/08/06 11:40
BR-01	NPL1647-16	12/08/06 13:50
BR-02	NPL1647-17	12/08/06 15:00
BR-10	NPL1647-18	12/08/06 16:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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New York Certification Number: 11342
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Roxanne L. Connor

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

Roxanne Connor

Program Manager - Conventional Accounts

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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-01 (BR-04 - Water) Sampled: 12/09/06 09:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/06 15:45	SW846 8260B	6124204
Benzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Bromobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Bromochloromethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Bromodichloromethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Bromoform	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Bromomethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
2-Butanone	ND		ug/L	50.0	1	12/22/06 15:45	SW846 8260B	6124204
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
n-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Carbon disulfide	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Chlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Chloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Chloroform	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Chloromethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Dibromomethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
cis-1,2-Dichloroethene	**2030**		ug/L	100	100	12/22/06 16:10	SW846 8260B	6124204
1,1-Dichloroethene	**3.17**		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
trans-1,2-Dichloroethene	**24.1**		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Ethylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
2-Hexanone	ND		ug/L	50.0	1	12/22/06 15:45	SW846 8260B	6124204
Isopropylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-01 (BR-04 - Water) - cont. Sampled: 12/09/06 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Methylene Chloride	ND		ug/L	5.00	1	12/22/06 15:45	SW846 8260B	6124204
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/06 15:45	SW846 8260B	6124204
Naphthalene	ND		ug/L	5.00	1	12/22/06 15:45	SW846 8260B	6124204
n-Propylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Styrene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Tetrachloroethene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Toluene	**1.17**		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Trichloroethene	**5.32**		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Vinyl chloride	**5.21**		ug/L	1.00	1	12/22/06 15:45	SW846 8260B	6124204
Xylenes, total	ND		ug/L	3.00	1	12/22/06 15:45	SW846 8260B	6124204
Surr: 1,2-Dichloroethane-d4 (62-142%)	*104 %*					*12/22/06 15:45*	*SW846 8260B*	*6124204*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*100 %*					*12/22/06 16:10*	*SW846 8260B*	*6124204*
Surr: Dibromofluoromethane (78-123%)	*110 %*					*12/22/06 15:45*	*SW846 8260B*	*6124204*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*12/22/06 16:10*	*SW846 8260B*	*6124204*
Surr: Toluene-d8 (79-120%)	*92 %*					*12/22/06 15:45*	*SW846 8260B*	*6124204*
Surr: Toluene-d8 (79-120%)	*88 %*					*12/22/06 16:10*	*SW846 8260B*	*6124204*
Surr: 4-Bromofluorobenzene (75-133%)	*114 %*					*12/22/06 15:45*	*SW846 8260B*	*6124204*
Surr: 4-Bromofluorobenzene (75-133%)	*108 %*					*12/22/06 16:10*	*SW846 8260B*	*6124204*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-02 (QAFB02 - Water) Sampled: 12/09/06 09:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 13:41	SW846 8260B	6123984
Benzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Bromobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Bromoform	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Bromomethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
2-Butanone	ND		ug/L	50.0	1	12/21/06 13:41	SW846 8260B	6123984
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Chloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Chloroform	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Chloromethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Dibromomethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
2-Hexanone	ND		ug/L	50.0	1	12/21/06 13:41	SW846 8260B	6123984
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-02 (QAFB02 - Water) - cont. Sampled: 12/09/06 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 13:41	SW846 8260B	6123984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 13:41	SW846 8260B	6123984
Naphthalene	ND		ug/L	5.00	1	12/21/06 13:41	SW846 8260B	6123984
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Styrene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Toluene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Trichloroethene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 13:41	SW846 8260B	6123984
Xylenes, total	ND		ug/L	3.00	1	12/21/06 13:41	SW846 8260B	6123984
Surr: 1,2-Dichloroethane-d4 (62-142%)	*104 %*					*12/21/06 13:41*	*SW846 8260B*	*6123984*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*12/21/06 13:41*	*SW846 8260B*	*6123984*
Surr: Toluene-d8 (79-120%)	*100 %*					*12/21/06 13:41*	*SW846 8260B*	*6123984*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*12/21/06 13:41*	*SW846 8260B*	*6123984*
Sample ID: NPL1647-03 (BR-05(MS/MSD) - Water) Sampled: 12/09/06 10:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 14:06	SW846 8260B	6123984
Benzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Bromobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Bromoform	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Bromomethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
2-Butanone	ND		ug/L	50.0	1	12/21/06 14:06	SW846 8260B	6123984
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Chloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-03 (BR-05(MS/MSD) - Water) - cont. Sampled: 12/09/06 10:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Chloromethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Dibromomethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
cis-1,2-Dichloroethene	**4.51**		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
2-Hexanone	ND		ug/L	50.0	1	12/21/06 14:06	SW846 8260B	6123984
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 14:06	SW846 8260B	6123984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 14:06	SW846 8260B	6123984
Naphthalene	ND		ug/L	5.00	1	12/21/06 14:06	SW846 8260B	6123984
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Styrene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Toluene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Trichloroethene	**1.25**		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-03 (BR-05(MS/MSD) - Water) - cont. Sampled: 12/09/06 10:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 14:06	SW846 8260B	6123984
Xylenes, total	ND		ug/L	3.00	1	12/21/06 14:06	SW846 8260B	6123984
Surr: 1,2-Dichloroethane-d4 (62-142%)	*102 %*					*12/21/06 14:06*	*SW846 8260B*	*6123984*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*12/21/06 14:06*	*SW846 8260B*	*6123984*
Surr: Toluene-d8 (79-120%)	*107 %*					*12/21/06 14:06*	*SW846 8260B*	*6123984*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*12/21/06 14:06*	*SW846 8260B*	*6123984*
Sample ID: NPL1647-04 (QARB02 - Water) Sampled: 12/09/06 11:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 14:31	SW846 8260B	6123984
Benzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Bromobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Bromoform	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Bromomethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
2-Butanone	ND		ug/L	50.0	1	12/21/06 14:31	SW846 8260B	6123984
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Chloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Chloroform	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Chloromethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Dibromomethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-04 (QARB02 - Water) - cont. Sampled: 12/09/06 11:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
2-Hexanone	ND		ug/L	50.0	1	12/21/06 14:31	SW846 8260B	6123984
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 14:31	SW846 8260B	6123984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 14:31	SW846 8260B	6123984
Naphthalene	ND		ug/L	5.00	1	12/21/06 14:31	SW846 8260B	6123984
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Styrene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Toluene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Trichloroethene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 14:31	SW846 8260B	6123984
Xylenes, total	ND		ug/L	3.00	1	12/21/06 14:31	SW846 8260B	6123984
Surr: 1,2-Dichloroethane-d4 (62-142%)	*104 %*					*12/21/06 14:31*	*SW846 8260B*	*6123984*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*12/21/06 14:31*	*SW846 8260B*	*6123984*
Surr: Toluene-d8 (79-120%)	*105 %*					*12/21/06 14:31*	*SW846 8260B*	*6123984*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*12/21/06 14:31*	*SW846 8260B*	*6123984*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-05 (BR-08 - Water) Sampled: 12/09/06 12:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**76.7**		ug/L	50.0	1	12/22/06 08:39	SW846 8260B	6124129
Benzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Bromobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Bromochloromethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Bromodichloromethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Bromoform	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Bromomethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
2-Butanone	ND		ug/L	50.0	1	12/22/06 08:39	SW846 8260B	6124129
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
n-Butylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Carbon disulfide	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Chlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Chloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Chloroform	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Chloromethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Dibromomethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
cis-1,2-Dichloroethene	**78.8**		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
trans-1,2-Dichloroethene	**5.86**		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Ethylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
2-Hexanone	ND		ug/L	50.0	1	12/22/06 08:39	SW846 8260B	6124129
Isopropylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-05 (BR-08 - Water) - cont. Sampled: 12/09/06 12:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Methylene Chloride	ND		ug/L	5.00	1	12/22/06 08:39	SW846 8260B	6124129
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/06 08:39	SW846 8260B	6124129
Naphthalene	ND		ug/L	5.00	1	12/22/06 08:39	SW846 8260B	6124129
n-Propylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Styrene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Tetrachloroethene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Toluene	**1.02**		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Trichloroethene	**12.0**		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Vinyl chloride	**6.30**		ug/L	1.00	1	12/22/06 08:39	SW846 8260B	6124129
Xylenes, total	ND		ug/L	3.00	1	12/22/06 08:39	SW846 8260B	6124129
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*12/22/06 08:39*	*SW846 8260B*	*6124129*
Surr: Dibromofluoromethane (78-123%)	*93 %*					*12/22/06 08:39*	*SW846 8260B*	*6124129*
Surr: Toluene-d8 (79-120%)	*89 %*					*12/22/06 08:39*	*SW846 8260B*	*6124129*
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*12/22/06 08:39*	*SW846 8260B*	*6124129*
Sample ID: NPL1647-06 (BR-09 - Water) Sampled: 12/09/06 14:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 14:56	SW846 8260B	6123984
Benzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Bromobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Bromoform	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Bromomethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
2-Butanone	ND		ug/L	50.0	1	12/21/06 14:56	SW846 8260B	6123984
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Chloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-06 (BR-09 - Water) - cont. Sampled: 12/09/06 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Chloromethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Dibromomethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
2-Hexanone	ND		ug/L	50.0	1	12/21/06 14:56	SW846 8260B	6123984
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 14:56	SW846 8260B	6123984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 14:56	SW846 8260B	6123984
Naphthalene	ND		ug/L	5.00	1	12/21/06 14:56	SW846 8260B	6123984
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Styrene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Toluene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Trichloroethene	**1.39**		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-06 (BR-09 - Water) - cont. Sampled: 12/09/06 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 14:56	SW846 8260B	6123984
Xylenes, total	ND		ug/L	3.00	1	12/21/06 14:56	SW846 8260B	6123984
Surr: 1,2-Dichloroethane-d4 (62-142%)	*116 %*					*12/21/06 14:56*	*SW846 8260B*	*6123984*
Surr: Dibromofluoromethane (78-123%)	*107 %*					*12/21/06 14:56*	*SW846 8260B*	*6123984*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/21/06 14:56*	*SW846 8260B*	*6123984*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*12/21/06 14:56*	*SW846 8260B*	*6123984*
Sample ID: NPL1647-07 (BR-11 - Water) Sampled: 12/09/06 15:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/06 09:28	SW846 8260B	6124129
Benzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Bromobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Bromochloromethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Bromodichloromethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Bromoform	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Bromomethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
2-Butanone	ND		ug/L	50.0	1	12/22/06 09:28	SW846 8260B	6124129
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
n-Butylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Carbon disulfide	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Chlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Chloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Chloroform	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Chloromethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Dibromomethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
cis-1,2-Dichloroethene	**185**		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1-Dichloroethene	**1.19**		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
trans-1,2-Dichloroethene	**35.7**		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-07 (BR-11 - Water) - cont. Sampled: 12/09/06 15:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Ethylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
2-Hexanone	ND		ug/L	50.0	1	12/22/06 09:28	SW846 8260B	6124129
Isopropylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Methylene Chloride	ND		ug/L	5.00	1	12/22/06 09:28	SW846 8260B	6124129
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/06 09:28	SW846 8260B	6124129
Naphthalene	ND		ug/L	5.00	1	12/22/06 09:28	SW846 8260B	6124129
n-Propylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Styrene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Tetrachloroethene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Toluene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Trichloroethene	**5.81**		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Vinyl chloride	**7.63**		ug/L	1.00	1	12/22/06 09:28	SW846 8260B	6124129
Xylenes, total	ND		ug/L	3.00	1	12/22/06 09:28	SW846 8260B	6124129
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*12/22/06 09:28*	*SW846 8260B*	*6124129*
Surr: Dibromofluoromethane (78-123%)	*90 %*					*12/22/06 09:28*	*SW846 8260B*	*6124129*
Surr: Toluene-d8 (79-120%)	*90 %*					*12/22/06 09:28*	*SW846 8260B*	*6124129*
Surr: 4-Bromofluorobenzene (75-133%)	*94 %*					*12/22/06 09:28*	*SW846 8260B*	*6124129*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-08 (BR-11(DUP) - Water) Sampled: 12/09/06 15:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 20:53	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 20:53	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Chloroform	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
cis-1,2-Dichloroethene	**200**	E	ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1-Dichloroethene	**1.46**		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
trans-1,2-Dichloroethene	**40.4**		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 20:53	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-08 (BR-11(DUP) - Water) - cont. Sampled: 12/09/06 15:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 20:53	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 20:53	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 20:53	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Trichloroethene	**8.66**		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Vinyl chloride	**9.82**		ug/L	1.00	1	12/21/06 20:53	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 20:53	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*12/21/06 20:53*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*87 %*					*12/21/06 20:53*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*89 %*					*12/21/06 20:53*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*91 %*					*12/21/06 20:53*	*SW846 8260B*	*6124073*
Sample ID: NPL1647-09 (BR-07 - Water) Sampled: 12/08/06 09:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 21:17	SW846 8260B	6124073
Benzene	**7.73**		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 21:17	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-09 (BR-07 - Water) - cont. Sampled: 12/08/06 09:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
cis-1,2-Dichloroethene	**38.0**		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
trans-1,2-Dichloroethene	**23.6**		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 21:17	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 21:17	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 21:17	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 21:17	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Trichloroethene	**6.37**		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-09 (BR-07 - Water) - cont. Sampled: 12/08/06 09:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Vinyl chloride	**98.1**		ug/L	1.00	1	12/21/06 21:17	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 21:17	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*12/21/06 21:17*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*92 %*					*12/21/06 21:17*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*86 %*					*12/21/06 21:17*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*89 %*					*12/21/06 21:17*	*SW846 8260B*	*6124073*
Sample ID: NPL1647-10 (BR-07(DUP) - Water) Sampled: 12/08/06 09:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 21:41	SW846 8260B	6124073
Benzene	**7.60**		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 21:41	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Chloroform	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
cis-1,2-Dichloroethene	**36.6**		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
trans-1,2-Dichloroethene	**21.1**		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-10 (BR-07(DUP) - Water) - cont. Sampled: 12/08/06 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 21:41	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 21:41	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 21:41	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 21:41	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Trichloroethene	**7.60**		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Vinyl chloride	**99.3**		ug/L	1.00	1	12/21/06 21:41	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 21:41	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*87 %*					*12/21/06 21:41*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*89 %*					*12/21/06 21:41*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*85 %*					*12/21/06 21:41*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*87 %*					*12/21/06 21:41*	*SW846 8260B*	*6124073*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-11 (QATB01 - Water) Sampled: 12/08/06 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 13:17	SW846 8260B	6123984
Benzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Bromobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Bromoform	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Bromomethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
2-Butanone	ND		ug/L	50.0	1	12/21/06 13:17	SW846 8260B	6123984
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Chloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Chloroform	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Chloromethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Dibromomethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
2-Hexanone	ND		ug/L	50.0	1	12/21/06 13:17	SW846 8260B	6123984
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-11 (QATB01 - Water) - cont. Sampled: 12/08/06 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 13:17	SW846 8260B	6123984
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 13:17	SW846 8260B	6123984
Naphthalene	ND		ug/L	5.00	1	12/21/06 13:17	SW846 8260B	6123984
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Styrene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Toluene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Trichloroethene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 13:17	SW846 8260B	6123984
Xylenes, total	ND		ug/L	3.00	1	12/21/06 13:17	SW846 8260B	6123984
Surr: 1,2-Dichloroethane-d4 (62-142%)	*111 %*					*12/21/06 13:17*	*SW846 8260B*	*6123984*
Surr: Dibromofluoromethane (78-123%)	*104 %*					*12/21/06 13:17*	*SW846 8260B*	*6123984*
Surr: Toluene-d8 (79-120%)	*101 %*					*12/21/06 13:17*	*SW846 8260B*	*6123984*
Surr: 4-Bromofluorobenzene (75-133%)	*103 %*					*12/21/06 13:17*	*SW846 8260B*	*6123984*
Sample ID: NPL1647-12 (QAFB01 - Water) Sampled: 12/08/06 09:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 22:06	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 22:06	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-12 (QAFB01 - Water) - cont. Sampled: 12/08/06 09:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
cis-1,2-Dichloroethene	**1.03**		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 22:06	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 22:06	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 22:06	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 22:06	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Trichloroethene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-12 (QAFB01 - Water) - cont. Sampled: 12/08/06 09:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 22:06	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 22:06	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*90 %*					*12/21/06 22:06*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*96 %*					*12/21/06 22:06*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*90 %*					*12/21/06 22:06*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*92 %*					*12/21/06 22:06*	*SW846 8260B*	*6124073*
Sample ID: NPL1647-13 (QARB01 - Water) Sampled: 12/08/06 09:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 22:30	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 22:30	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Chloroform	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-13 (QARB01 - Water) - cont. Sampled: 12/08/06 09:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 22:30	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 22:30	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 22:30	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 22:30	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Trichloroethene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 22:30	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 22:30	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*12/21/06 22:30*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*12/21/06 22:30*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*89 %*					*12/21/06 22:30*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*92 %*					*12/21/06 22:30*	*SW846 8260B*	*6124073*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-14 (BR-06 - Water) Sampled: 12/08/06 10:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 22:54	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 22:54	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Chloroform	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 22:54	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-14 (BR-06 - Water) - cont. Sampled: 12/08/06 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 22:54	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 22:54	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 22:54	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Trichloroethene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 22:54	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 22:54	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*86 %*					*12/21/06 22:54*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*91 %*					*12/21/06 22:54*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*86 %*					*12/21/06 22:54*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*88 %*					*12/21/06 22:54*	*SW846 8260B*	*6124073*
Sample ID: NPL1647-15 (BR-03 - Water) Sampled: 12/08/06 11:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 23:19	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 23:19	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-15 (BR-03 - Water) - cont. Sampled: 12/08/06 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
cis-1,2-Dichloroethene	**27.3**		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 23:19	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 23:19	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 23:19	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 23:19	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Trichloroethene	**29.7**		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-15 (BR-03 - Water) - cont. Sampled: 12/08/06 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 23:19	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 23:19	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*84 %*					*12/21/06 23:19*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*88 %*					*12/21/06 23:19*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*82 %*					*12/21/06 23:19*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*86 %*					*12/21/06 23:19*	*SW846 8260B*	*6124073*
Sample ID: NPL1647-16 (BR-01 - Water) Sampled: 12/08/06 13:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/21/06 23:43	SW846 8260B	6124073
Benzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Bromobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Bromochloromethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Bromodichloromethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Bromoform	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Bromomethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
2-Butanone	ND		ug/L	50.0	1	12/21/06 23:43	SW846 8260B	6124073
sec-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
n-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
tert-Butylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Carbon disulfide	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Carbon Tetrachloride	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Chlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Chlorodibromomethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Chloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Chloroform	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Chloromethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
2-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
4-Chlorotoluene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Dibromomethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1-Dichloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2-Dichloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
cis-1,2-Dichloroethene	**3.73**		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-16 (BR-01 - Water) - cont. Sampled: 12/08/06 13:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
2,2-Dichloropropane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1-Dichloropropene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Ethylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Hexachlorobutadiene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
2-Hexanone	ND		ug/L	50.0	1	12/21/06 23:43	SW846 8260B	6124073
Isopropylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
p-Isopropyltoluene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Methylene Chloride	ND		ug/L	5.00	1	12/21/06 23:43	SW846 8260B	6124073
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/21/06 23:43	SW846 8260B	6124073
Naphthalene	ND		ug/L	5.00	1	12/21/06 23:43	SW846 8260B	6124073
n-Propylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Styrene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Tetrachloroethene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Toluene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Trichloroethene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Trichlorofluoromethane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Vinyl chloride	ND		ug/L	1.00	1	12/21/06 23:43	SW846 8260B	6124073
Xylenes, total	ND		ug/L	3.00	1	12/21/06 23:43	SW846 8260B	6124073
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*12/21/06 23:43*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*91 %*					*12/21/06 23:43*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*85 %*					*12/21/06 23:43*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*88 %*					*12/21/06 23:43*	*SW846 8260B*	*6124073*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-17 (BR-02 - Water) Sampled: 12/08/06 15:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/06 14:56	SW846 8260B	6124204
Benzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Bromobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Bromochloromethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Bromodichloromethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Bromoform	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Bromomethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
2-Butanone	ND		ug/L	50.0	1	12/22/06 14:56	SW846 8260B	6124204
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
n-Butylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Carbon disulfide	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Chlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Chloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Chloroform	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Chloromethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Dibromomethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
cis-1,2-Dichloroethene	**31.1**		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
trans-1,2-Dichloroethene	**11.3**		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Ethylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
2-Hexanone	ND		ug/L	50.0	1	12/22/06 14:56	SW846 8260B	6124204
Isopropylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-17 (BR-02 - Water) - cont. Sampled: 12/08/06 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Methylene Chloride	ND		ug/L	5.00	1	12/22/06 14:56	SW846 8260B	6124204
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/06 14:56	SW846 8260B	6124204
Naphthalene	ND		ug/L	5.00	1	12/22/06 14:56	SW846 8260B	6124204
n-Propylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Styrene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Tetrachloroethene	**1.32**		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Toluene	**1.41**		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Trichloroethene	**113**		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Vinyl chloride	ND		ug/L	1.00	1	12/22/06 14:56	SW846 8260B	6124204
Xylenes, total	ND		ug/L	3.00	1	12/22/06 14:56	SW846 8260B	6124204
Surr: 1,2-Dichloroethane-d4 (62-142%)	*100 %*					*12/22/06 14:56*	*SW846 8260B*	*6124204*
Surr: Dibromofluoromethane (78-123%)	*101 %*					*12/22/06 14:56*	*SW846 8260B*	*6124204*
Surr: Toluene-d8 (79-120%)	*89 %*					*12/22/06 14:56*	*SW846 8260B*	*6124204*
Surr: 4-Bromofluorobenzene (75-133%)	*111 %*					*12/22/06 14:56*	*SW846 8260B*	*6124204*
Sample ID: NPL1647-18 (BR-10 - Water) Sampled: 12/08/06 16:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/06 15:20	SW846 8260B	6124204
Benzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Bromobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Bromochloromethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Bromodichloromethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Bromoform	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Bromomethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
2-Butanone	ND		ug/L	50.0	1	12/22/06 15:20	SW846 8260B	6124204
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
n-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Carbon disulfide	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Chlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Chloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-18 (BR-10 - Water) - cont. Sampled: 12/08/06 16:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Chloromethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Dibromomethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
cis-1,2-Dichloroethene	**15.0**		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
trans-1,2-Dichloroethene	**1.26**		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Ethylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
2-Hexanone	ND		ug/L	50.0	1	12/22/06 15:20	SW846 8260B	6124204
Isopropylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Methylene Chloride	ND		ug/L	5.00	1	12/22/06 15:20	SW846 8260B	6124204
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/06 15:20	SW846 8260B	6124204
Naphthalene	ND		ug/L	5.00	1	12/22/06 15:20	SW846 8260B	6124204
n-Propylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Styrene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Tetrachloroethene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Toluene	**1.17**		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Trichloroethene	**28.2**		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1647-18 (BR-10 - Water) - cont. Sampled: 12/08/06 16:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Vinyl chloride	ND		ug/L	1.00	1	12/22/06 15:20	SW846 8260B	6124204
Xylenes, total	ND		ug/L	3.00	1	12/22/06 15:20	SW846 8260B	6124204
Surr: 1,2-Dichloroethane-d4 (62-142%)	*100 %*					*12/22/06 15:20*	*SW846 8260B*	*6124204*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*12/22/06 15:20*	*SW846 8260B*	*6124204*
Surr: Toluene-d8 (79-120%)	*88 %*					*12/22/06 15:20*	*SW846 8260B*	*6124204*
Surr: 4-Bromofluorobenzene (75-133%)	*111 %*					*12/22/06 15:20*	*SW846 8260B*	*6124204*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123984-BLK1						
Acetone	<7.41		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Benzene	<0.330		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Bromobenzene	<0.450		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Bromochloromethane	<0.700		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Bromodichloromethane	<0.390		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Bromoform	<0.540		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Bromomethane	<0.420		ug/L	6123984	6123984-BLK1	12/21/06 05:23
2-Butanone	<3.06		ug/L	6123984	6123984-BLK1	12/21/06 05:23
sec-Butylbenzene	<0.260		ug/L	6123984	6123984-BLK1	12/21/06 05:23
n-Butylbenzene	<0.780		ug/L	6123984	6123984-BLK1	12/21/06 05:23
tert-Butylbenzene	<0.400		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Carbon disulfide	<0.230		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Carbon Tetrachloride	<0.410		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Chlorobenzene	<0.340		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Chlorodibromomethane	<0.480		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Chloroethane	<0.350		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Chloroform	<0.510		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Chloromethane	<0.310		ug/L	6123984	6123984-BLK1	12/21/06 05:23
2-Chlorotoluene	<0.210		ug/L	6123984	6123984-BLK1	12/21/06 05:23
4-Chlorotoluene	<0.410		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2-Dibromoethane (EDB)	<0.320		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Dibromomethane	<0.430		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,4-Dichlorobenzene	<0.360		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,3-Dichlorobenzene	<0.410		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2-Dichlorobenzene	<0.440		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Dichlorodifluoromethane	<0.290		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1-Dichloroethane	<0.600		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2-Dichloroethane	<0.460		ug/L	6123984	6123984-BLK1	12/21/06 05:23
cis-1,2-Dichloroethene	<0.540		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1-Dichloroethene	<0.270		ug/L	6123984	6123984-BLK1	12/21/06 05:23
trans-1,2-Dichloroethene	<0.200		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,3-Dichloropropane	<0.480		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2-Dichloropropane	<0.370		ug/L	6123984	6123984-BLK1	12/21/06 05:23
2,2-Dichloropropane	<0.370		ug/L	6123984	6123984-BLK1	12/21/06 05:23
cis-1,3-Dichloropropene	<0.330		ug/L	6123984	6123984-BLK1	12/21/06 05:23
trans-1,3-Dichloropropene	<0.310		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1-Dichloropropene	<0.280		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Ethylbenzene	<0.420		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Hexachlorobutadiene	<0.660		ug/L	6123984	6123984-BLK1	12/21/06 05:23
2-Hexanone	<2.19		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Isopropylbenzene	<0.410		ug/L	6123984	6123984-BLK1	12/21/06 05:23

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123984-BLK1						
p-Isopropyltoluene	<0.320		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Methyl tert-Butyl Ether	<0.310		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Methylene Chloride	<2.10		ug/L	6123984	6123984-BLK1	12/21/06 05:23
4-Methyl-2-pentanone	<4.15		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Naphthalene	<0.650		ug/L	6123984	6123984-BLK1	12/21/06 05:23
n-Propylbenzene	<0.350		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Styrene	<0.390		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Tetrachloroethene	<0.320		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Toluene	<0.420		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2,3-Trichlorobenzene	<0.620		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2,4-Trichlorobenzene	<0.620		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1,2-Trichloroethane	<0.570		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,1,1-Trichloroethane	<0.350		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Trichloroethene	<0.510		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Trichlorofluoromethane	<0.400		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2,3-Trichloropropane	<0.520		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,3,5-Trimethylbenzene	<0.240		ug/L	6123984	6123984-BLK1	12/21/06 05:23
1,2,4-Trimethylbenzene	<0.350		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Vinyl chloride	<0.260		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Xylenes, total	<0.450		ug/L	6123984	6123984-BLK1	12/21/06 05:23
Surrogate: 1,2-Dichloroethane-d4	98%			6123984	6123984-BLK1	12/21/06 05:23
Surrogate: Dibromofluoromethane	102%			6123984	6123984-BLK1	12/21/06 05:23
Surrogate: Toluene-d8	100%			6123984	6123984-BLK1	12/21/06 05:23
Surrogate: 4-Bromofluorobenzene	101%			6123984	6123984-BLK1	12/21/06 05:23
6124073-BLK1						
Acetone	<7.41		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Benzene	<0.330		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromobenzene	<0.450		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromochloromethane	<0.700		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromodichloromethane	<0.390		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromoform	<0.540		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromomethane	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Butanone	<3.06		ug/L	6124073	6124073-BLK1	12/21/06 15:36
sec-Butylbenzene	<0.260		ug/L	6124073	6124073-BLK1	12/21/06 15:36
n-Butylbenzene	<0.780		ug/L	6124073	6124073-BLK1	12/21/06 15:36
tert-Butylbenzene	<0.400		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Carbon disulfide	<0.230		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Carbon Tetrachloride	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chlorobenzene	<0.340		ug/L	6124073	6124073-BLK1	12/21/06 15:36

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124073-BLK1						
Chlorodibromomethane	<0.480		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloroethane	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloroform	<0.510		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloromethane	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Chlorotoluene	<0.210		ug/L	6124073	6124073-BLK1	12/21/06 15:36
4-Chlorotoluene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dibromoethane (EDB)	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Dibromomethane	<0.430		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,4-Dichlorobenzene	<0.360		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3-Dichlorobenzene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichlorobenzene	<0.440		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Dichlorodifluoromethane	<0.290		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloroethane	<0.600		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichloroethane	<0.460		ug/L	6124073	6124073-BLK1	12/21/06 15:36
cis-1,2-Dichloroethene	<0.540		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloroethene	<0.270		ug/L	6124073	6124073-BLK1	12/21/06 15:36
trans-1,2-Dichloroethene	<0.200		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3-Dichloropropane	<0.480		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichloropropane	<0.370		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2,2-Dichloropropane	<0.370		ug/L	6124073	6124073-BLK1	12/21/06 15:36
cis-1,3-Dichloropropene	<0.330		ug/L	6124073	6124073-BLK1	12/21/06 15:36
trans-1,3-Dichloropropene	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloropropene	<0.280		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Ethylbenzene	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Hexachlorobutadiene	<0.660		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Hexanone	<2.19		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Isopropylbenzene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
p-Isopropyltoluene	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Methyl tert-Butyl Ether	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Methylene Chloride	<2.10		ug/L	6124073	6124073-BLK1	12/21/06 15:36
4-Methyl-2-pentanone	<4.15		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Naphthalene	<0.650		ug/L	6124073	6124073-BLK1	12/21/06 15:36
n-Propylbenzene	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Styrene	<0.390		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Tetrachloroethene	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Toluene	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,3-Trichlorobenzene	<0.620		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,4-Trichlorobenzene	<0.620		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,2-Trichloroethane	<0.570		ug/L	6124073	6124073-BLK1	12/21/06 15:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124073-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Trichloroethene	<0.510		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Trichlorofluoromethane	<0.400		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,3-Trichloropropane	<0.520		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3,5-Trimethylbenzene	<0.240		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,4-Trimethylbenzene	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Vinyl chloride	<0.260		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Xylenes, total	<0.450		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Surrogate: 1,2-Dichloroethane-d4	86%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: Dibromofluoromethane	93%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: Toluene-d8	91%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: 4-Bromofluorobenzene	92%			6124073	6124073-BLK1	12/21/06 15:36
6124129-BLK1						
Acetone	<7.41		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Benzene	<0.330		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Bromobenzene	<0.450		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Bromochloromethane	<0.700		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Bromodichloromethane	<0.390		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Bromoform	<0.540		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Bromomethane	<0.420		ug/L	6124129	6124129-BLK1	12/22/06 04:12
2-Butanone	<3.06		ug/L	6124129	6124129-BLK1	12/22/06 04:12
sec-Butylbenzene	<0.260		ug/L	6124129	6124129-BLK1	12/22/06 04:12
n-Butylbenzene	<0.780		ug/L	6124129	6124129-BLK1	12/22/06 04:12
tert-Butylbenzene	<0.400		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Carbon disulfide	<0.230		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Carbon Tetrachloride	<0.410		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Chlorobenzene	<0.340		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Chlorodibromomethane	<0.480		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Chloroethane	<0.350		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Chloroform	<0.510		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Chloromethane	<0.310		ug/L	6124129	6124129-BLK1	12/22/06 04:12
2-Chlorotoluene	<0.210		ug/L	6124129	6124129-BLK1	12/22/06 04:12
4-Chlorotoluene	<0.410		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2-Dibromoethane (EDB)	<0.320		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Dibromomethane	<0.430		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,4-Dichlorobenzene	<0.360		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,3-Dichlorobenzene	<0.410		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2-Dichlorobenzene	<0.440		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Dichlorodifluoromethane	<0.290		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1-Dichloroethane	<0.600		ug/L	6124129	6124129-BLK1	12/22/06 04:12

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124129-BLK1						
1,2-Dichloroethane	<0.460		ug/L	6124129	6124129-BLK1	12/22/06 04:12
cis-1,2-Dichloroethene	<0.540		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1-Dichloroethene	<0.270		ug/L	6124129	6124129-BLK1	12/22/06 04:12
trans-1,2-Dichloroethene	<0.200		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,3-Dichloropropane	<0.480		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2-Dichloropropane	<0.370		ug/L	6124129	6124129-BLK1	12/22/06 04:12
2,2-Dichloropropane	<0.370		ug/L	6124129	6124129-BLK1	12/22/06 04:12
cis-1,3-Dichloropropene	<0.330		ug/L	6124129	6124129-BLK1	12/22/06 04:12
trans-1,3-Dichloropropene	<0.310		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1-Dichloropropene	<0.280		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Ethylbenzene	<0.420		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Hexachlorobutadiene	<0.660		ug/L	6124129	6124129-BLK1	12/22/06 04:12
2-Hexanone	<2.19		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Isopropylbenzene	<0.410		ug/L	6124129	6124129-BLK1	12/22/06 04:12
p-Isopropyltoluene	<0.320		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Methyl tert-Butyl Ether	<0.310		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Methylene Chloride	<2.10		ug/L	6124129	6124129-BLK1	12/22/06 04:12
4-Methyl-2-pentanone	<4.15		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Naphthalene	<0.650		ug/L	6124129	6124129-BLK1	12/22/06 04:12
n-Propylbenzene	<0.350		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Styrene	<0.390		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Tetrachloroethene	<0.320		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Toluene	<0.420		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2,3-Trichlorobenzene	<0.620		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2,4-Trichlorobenzene	<0.620		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1,2-Trichloroethane	<0.570		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,1,1-Trichloroethane	<0.350		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Trichloroethene	<0.510		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Trichlorofluoromethane	<0.400		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2,3-Trichloropropane	<0.520		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,3,5-Trimethylbenzene	<0.240		ug/L	6124129	6124129-BLK1	12/22/06 04:12
1,2,4-Trimethylbenzene	<0.350		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Vinyl chloride	<0.260		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Xylenes, total	<0.450		ug/L	6124129	6124129-BLK1	12/22/06 04:12
Surrogate: 1,2-Dichloroethane-d4	90%			6124129	6124129-BLK1	12/22/06 04:12
Surrogate: Dibromofluoromethane	95%			6124129	6124129-BLK1	12/22/06 04:12
Surrogate: Toluene-d8	88%			6124129	6124129-BLK1	12/22/06 04:12
Surrogate: 4-Bromofluorobenzene	93%			6124129	6124129-BLK1	12/22/06 04:12
6124204-BLK1						

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PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124204-BLK1						
Acetone	<7.41		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Benzene	<0.330		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Bromobenzene	<0.450		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Bromochloromethane	<0.700		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Bromodichloromethane	<0.390		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Bromoform	<0.540		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Bromomethane	<0.420		ug/L	6124204	6124204-BLK1	12/22/06 07:27
2-Butanone	<3.06		ug/L	6124204	6124204-BLK1	12/22/06 07:27
sec-Butylbenzene	<0.260		ug/L	6124204	6124204-BLK1	12/22/06 07:27
n-Butylbenzene	<0.780		ug/L	6124204	6124204-BLK1	12/22/06 07:27
tert-Butylbenzene	<0.400		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Carbon disulfide	<0.230		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Carbon Tetrachloride	<0.410		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Chlorobenzene	<0.340		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Chlorodibromomethane	<0.480		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Chloroethane	<0.350		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Chloroform	<0.510		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Chloromethane	<0.310		ug/L	6124204	6124204-BLK1	12/22/06 07:27
2-Chlorotoluene	<0.210		ug/L	6124204	6124204-BLK1	12/22/06 07:27
4-Chlorotoluene	<0.410		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2-Dibromoethane (EDB)	<0.320		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Dibromomethane	<0.430		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,4-Dichlorobenzene	<0.360		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,3-Dichlorobenzene	<0.410		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2-Dichlorobenzene	<0.440		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Dichlorodifluoromethane	<0.290		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1-Dichloroethane	<0.600		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2-Dichloroethane	<0.460		ug/L	6124204	6124204-BLK1	12/22/06 07:27
cis-1,2-Dichloroethene	<0.540		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1-Dichloroethene	<0.270		ug/L	6124204	6124204-BLK1	12/22/06 07:27
trans-1,2-Dichloroethene	<0.200		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,3-Dichloropropane	<0.480		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2-Dichloropropane	<0.370		ug/L	6124204	6124204-BLK1	12/22/06 07:27
2,2-Dichloropropane	<0.370		ug/L	6124204	6124204-BLK1	12/22/06 07:27
cis-1,3-Dichloropropene	<0.330		ug/L	6124204	6124204-BLK1	12/22/06 07:27
trans-1,3-Dichloropropene	<0.310		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1-Dichloropropene	<0.280		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Ethylbenzene	<0.420		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Hexachlorobutadiene	<0.660		ug/L	6124204	6124204-BLK1	12/22/06 07:27
2-Hexanone	<2.19		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Isopropylbenzene	<0.410		ug/L	6124204	6124204-BLK1	12/22/06 07:27

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PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124204-BLK1						
p-Isopropyltoluene	<0.320		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Methyl tert-Butyl Ether	<0.310		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Methylene Chloride	<2.10		ug/L	6124204	6124204-BLK1	12/22/06 07:27
4-Methyl-2-pentanone	<4.15		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Naphthalene	<0.650		ug/L	6124204	6124204-BLK1	12/22/06 07:27
n-Propylbenzene	<0.350		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Styrene	<0.390		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Tetrachloroethene	<0.320		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Toluene	<0.420		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2,3-Trichlorobenzene	<0.620		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2,4-Trichlorobenzene	<0.620		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1,2-Trichloroethane	<0.570		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,1,1-Trichloroethane	<0.350		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Trichloroethene	<0.510		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Trichlorofluoromethane	<0.400		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2,3-Trichloropropane	<0.520		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,3,5-Trimethylbenzene	<0.240		ug/L	6124204	6124204-BLK1	12/22/06 07:27
1,2,4-Trimethylbenzene	<0.350		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Vinyl chloride	<0.260		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Xylenes, total	<0.450		ug/L	6124204	6124204-BLK1	12/22/06 07:27
Surrogate: 1,2-Dichloroethane-d4	96%			6124204	6124204-BLK1	12/22/06 07:27
Surrogate: Dibromofluoromethane	102%			6124204	6124204-BLK1	12/22/06 07:27
Surrogate: Toluene-d8	98%			6124204	6124204-BLK1	12/22/06 07:27
Surrogate: 4-Bromofluorobenzene	114%			6124204	6124204-BLK1	12/22/06 07:27

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123984-BS1								
Acetone	250	285		ug/L	114%	63 - 147	6123984	12/21/06 04:08
Benzene	50.0	50.2		ug/L	100%	78 - 125	6123984	12/21/06 04:08
Bromobenzene	50.0	54.6		ug/L	109%	71 - 142	6123984	12/21/06 04:08
Bromochloromethane	50.0	53.8		ug/L	108%	76 - 129	6123984	12/21/06 04:08
Bromodichloromethane	50.0	45.6		ug/L	91%	71 - 134	6123984	12/21/06 04:08
Bromoform	50.0	52.9		ug/L	106%	49 - 129	6123984	12/21/06 04:08
Bromomethane	50.0	47.4		ug/L	95%	42 - 154	6123984	12/21/06 04:08
2-Butanone	250	281		ug/L	112%	74 - 130	6123984	12/21/06 04:08
sec-Butylbenzene	50.0	50.8		ug/L	102%	78 - 129	6123984	12/21/06 04:08
n-Butylbenzene	50.0	45.4		ug/L	91%	68 - 138	6123984	12/21/06 04:08
tert-Butylbenzene	50.0	52.5		ug/L	105%	79 - 128	6123984	12/21/06 04:08
Carbon disulfide	50.0	53.2		ug/L	106%	65 - 122	6123984	12/21/06 04:08
Carbon Tetrachloride	50.0	44.5		ug/L	89%	62 - 142	6123984	12/21/06 04:08
Chlorobenzene	50.0	53.0		ug/L	106%	82 - 125	6123984	12/21/06 04:08
Chlorodibromomethane	50.0	43.7		ug/L	87%	67 - 135	6123984	12/21/06 04:08
Chloroethane	50.0	50.9		ug/L	102%	57 - 138	6123984	12/21/06 04:08
Chloroform	50.0	50.2		ug/L	100%	75 - 122	6123984	12/21/06 04:08
Chloromethane	50.0	38.8		ug/L	78%	31 - 147	6123984	12/21/06 04:08
2-Chlorotoluene	50.0	51.1		ug/L	102%	74 - 135	6123984	12/21/06 04:08
4-Chlorotoluene	50.0	48.9		ug/L	98%	74 - 133	6123984	12/21/06 04:08
1,2-Dibromo-3-chloropropane	50.0	42.5		ug/L	85%	45 - 140	6123984	12/21/06 04:08
1,2-Dibromoethane (EDB)	50.0	46.4		ug/L	93%	80 - 132	6123984	12/21/06 04:08
Dibromomethane	50.0	52.8		ug/L	106%	69 - 132	6123984	12/21/06 04:08
1,4-Dichlorobenzene	50.0	48.8		ug/L	98%	79 - 125	6123984	12/21/06 04:08
1,3-Dichlorobenzene	50.0	52.9		ug/L	106%	77 - 132	6123984	12/21/06 04:08
1,2-Dichlorobenzene	50.0	52.5		ug/L	105%	82 - 133	6123984	12/21/06 04:08
Dichlorodifluoromethane	50.0	26.6		ug/L	53%	34 - 120	6123984	12/21/06 04:08
1,1-Dichloroethane	50.0	48.7		ug/L	97%	79 - 120	6123984	12/21/06 04:08
1,2-Dichloroethane	50.0	50.5		ug/L	101%	64 - 134	6123984	12/21/06 04:08
cis-1,2-Dichloroethene	50.0	49.1		ug/L	98%	71 - 126	6123984	12/21/06 04:08
1,1-Dichloroethene	50.0	55.4		ug/L	111%	71 - 123	6123984	12/21/06 04:08
trans-1,2-Dichloroethene	50.0	52.2		ug/L	104%	74 - 127	6123984	12/21/06 04:08
1,3-Dichloropropane	50.0	44.7		ug/L	89%	80 - 128	6123984	12/21/06 04:08
1,2-Dichloropropane	50.0	48.7		ug/L	97%	73 - 120	6123984	12/21/06 04:08
2,2-Dichloropropane	50.0	43.2		ug/L	86%	25 - 156	6123984	12/21/06 04:08
cis-1,3-Dichloropropene	50.0	44.0		ug/L	88%	70 - 135	6123984	12/21/06 04:08
trans-1,3-Dichloropropene	50.0	45.2		ug/L	90%	61 - 124	6123984	12/21/06 04:08
1,1-Dichloropropene	50.0	51.3		ug/L	103%	79 - 138	6123984	12/21/06 04:08
Ethylbenzene	50.0	57.4		ug/L	115%	73 - 134	6123984	12/21/06 04:08
Hexachlorobutadiene	50.0	41.0		ug/L	82%	58 - 145	6123984	12/21/06 04:08
2-Hexanone	250	255		ug/L	102%	72 - 136	6123984	12/21/06 04:08

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123984-BS1								
Isopropylbenzene	50.0	54.3		ug/L	109%	74 - 121	6123984	12/21/06 04:08
p-Isopropyltoluene	50.0	46.8		ug/L	94%	70 - 133	6123984	12/21/06 04:08
Methyl tert-Butyl Ether	50.0	48.3		ug/L	97%	69 - 122	6123984	12/21/06 04:08
Methylene Chloride	50.0	58.1		ug/L	116%	75 - 127	6123984	12/21/06 04:08
4-Methyl-2-pentanone	250	263		ug/L	105%	77 - 132	6123984	12/21/06 04:08
Naphthalene	50.0	44.7		ug/L	89%	65 - 145	6123984	12/21/06 04:08
n-Propylbenzene	50.0	50.0		ug/L	100%	76 - 133	6123984	12/21/06 04:08
Styrene	50.0	67.2		ug/L	134%	80 - 145	6123984	12/21/06 04:08
1,1,1,2-Tetrachloroethane	50.0	47.7		ug/L	95%	72 - 136	6123984	12/21/06 04:08
1,1,2,2-Tetrachloroethane	50.0	55.1		ug/L	110%	71 - 137	6123984	12/21/06 04:08
Tetrachloroethene	50.0	50.8		ug/L	102%	70 - 131	6123984	12/21/06 04:08
Toluene	50.0	48.6		ug/L	97%	78 - 122	6123984	12/21/06 04:08
1,2,3-Trichlorobenzene	50.0	43.0		ug/L	86%	60 - 144	6123984	12/21/06 04:08
1,2,4-Trichlorobenzene	50.0	41.3		ug/L	83%	63 - 140	6123984	12/21/06 04:08
1,1,2-Trichloroethane	50.0	50.4		ug/L	101%	81 - 127	6123984	12/21/06 04:08
1,1,1-Trichloroethane	50.0	51.2		ug/L	102%	69 - 128	6123984	12/21/06 04:08
Trichloroethene	50.0	52.1		ug/L	104%	73 - 133	6123984	12/21/06 04:08
Trichlorofluoromethane	50.0	49.2		ug/L	98%	49 - 139	6123984	12/21/06 04:08
1,2,3-Trichloropropane	50.0	49.8		ug/L	100%	52 - 151	6123984	12/21/06 04:08
1,3,5-Trimethylbenzene	50.0	49.5		ug/L	99%	72 - 136	6123984	12/21/06 04:08
1,2,4-Trimethylbenzene	50.0	49.5		ug/L	99%	73 - 134	6123984	12/21/06 04:08
Vinyl chloride	50.0	55.9		ug/L	112%	54 - 137	6123984	12/21/06 04:08
Xylenes, total	150	172		ug/L	115%	79 - 130	6123984	12/21/06 04:08
Surrogate: 1,2-Dichloroethane-d4	25.0	23.5			94%	62 - 142	6123984	12/21/06 04:08
Surrogate: Dibromofluoromethane	25.0	24.0			96%	78 - 123	6123984	12/21/06 04:08
Surrogate: Toluene-d8	25.0	23.3			93%	79 - 120	6123984	12/21/06 04:08
Surrogate: 4-Bromofluorobenzene	25.0	25.9			104%	75 - 133	6123984	12/21/06 04:08
6124073-BS1								
Acetone	250	197		ug/L	79%	63 - 147	6124073	12/21/06 13:58
Benzene	50.0	47.7		ug/L	95%	78 - 125	6124073	12/21/06 13:58
Bromobenzene	50.0	45.9		ug/L	92%	71 - 142	6124073	12/21/06 13:58
Bromochloromethane	50.0	49.3		ug/L	99%	76 - 129	6124073	12/21/06 13:58
Bromodichloromethane	50.0	55.6		ug/L	111%	71 - 134	6124073	12/21/06 13:58
Bromoform	50.0	39.2		ug/L	78%	49 - 129	6124073	12/21/06 13:58
Bromomethane	50.0	60.3		ug/L	121%	42 - 154	6124073	12/21/06 13:58
2-Butanone	250	265		ug/L	106%	74 - 130	6124073	12/21/06 13:58
sec-Butylbenzene	50.0	46.5		ug/L	93%	78 - 129	6124073	12/21/06 13:58
n-Butylbenzene	50.0	46.7		ug/L	93%	68 - 138	6124073	12/21/06 13:58
tert-Butylbenzene	50.0	45.8		ug/L	92%	79 - 128	6124073	12/21/06 13:58
Carbon disulfide	50.0	35.6		ug/L	71%	65 - 122	6124073	12/21/06 13:58
Carbon Tetrachloride	50.0	50.0		ug/L	100%	62 - 142	6124073	12/21/06 13:58

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124073-BS1								
Chlorobenzene	50.0	46.9		ug/L	94%	82 - 125	6124073	12/21/06 13:58
Chlorodibromomethane	50.0	44.2		ug/L	88%	67 - 135	6124073	12/21/06 13:58
Chloroethane	50.0	43.3		ug/L	87%	57 - 138	6124073	12/21/06 13:58
Chloroform	50.0	47.3		ug/L	95%	75 - 122	6124073	12/21/06 13:58
Chloromethane	50.0	33.6		ug/L	67%	31 - 147	6124073	12/21/06 13:58
2-Chlorotoluene	50.0	46.0		ug/L	92%	74 - 135	6124073	12/21/06 13:58
4-Chlorotoluene	50.0	45.4		ug/L	91%	74 - 133	6124073	12/21/06 13:58
1,2-Dibromo-3-chloropropane	50.0	42.2		ug/L	84%	45 - 140	6124073	12/21/06 13:58
1,2-Dibromoethane (EDB)	50.0	45.8		ug/L	92%	80 - 132	6124073	12/21/06 13:58
Dibromomethane	50.0	51.8		ug/L	104%	69 - 132	6124073	12/21/06 13:58
1,4-Dichlorobenzene	50.0	46.3		ug/L	93%	79 - 125	6124073	12/21/06 13:58
1,3-Dichlorobenzene	50.0	47.3		ug/L	95%	77 - 132	6124073	12/21/06 13:58
1,2-Dichlorobenzene	50.0	47.4		ug/L	95%	82 - 133	6124073	12/21/06 13:58
Dichlorodifluoromethane	50.0	24.2		ug/L	48%	34 - 120	6124073	12/21/06 13:58
1,1-Dichloroethane	50.0	45.9		ug/L	92%	79 - 120	6124073	12/21/06 13:58
1,2-Dichloroethane	50.0	46.4		ug/L	93%	64 - 134	6124073	12/21/06 13:58
cis-1,2-Dichloroethene	50.0	47.4		ug/L	95%	71 - 126	6124073	12/21/06 13:58
1,1-Dichloroethene	50.0	42.6		ug/L	85%	71 - 123	6124073	12/21/06 13:58
trans-1,2-Dichloroethene	50.0	44.0		ug/L	88%	74 - 127	6124073	12/21/06 13:58
1,3-Dichloropropane	50.0	44.0		ug/L	88%	80 - 128	6124073	12/21/06 13:58
1,2-Dichloropropane	50.0	49.8		ug/L	100%	73 - 120	6124073	12/21/06 13:58
2,2-Dichloropropane	50.0	44.7		ug/L	89%	25 - 156	6124073	12/21/06 13:58
cis-1,3-Dichloropropene	50.0	46.9		ug/L	94%	70 - 135	6124073	12/21/06 13:58
trans-1,3-Dichloropropene	50.0	47.9		ug/L	96%	61 - 124	6124073	12/21/06 13:58
1,1-Dichloropropene	50.0	46.7		ug/L	93%	79 - 138	6124073	12/21/06 13:58
Ethylbenzene	50.0	45.6		ug/L	91%	73 - 134	6124073	12/21/06 13:58
Hexachlorobutadiene	50.0	47.9		ug/L	96%	58 - 145	6124073	12/21/06 13:58
2-Hexanone	250	262		ug/L	105%	72 - 136	6124073	12/21/06 13:58
Isopropylbenzene	50.0	44.0		ug/L	88%	74 - 121	6124073	12/21/06 13:58
p-Isopropyltoluene	50.0	45.5		ug/L	91%	70 - 133	6124073	12/21/06 13:58
Methyl tert-Butyl Ether	50.0	40.8		ug/L	82%	69 - 122	6124073	12/21/06 13:58
Methylene Chloride	50.0	45.0		ug/L	90%	75 - 127	6124073	12/21/06 13:58
4-Methyl-2-pentanone	250	239		ug/L	96%	77 - 132	6124073	12/21/06 13:58
Naphthalene	50.0	48.6		ug/L	97%	65 - 145	6124073	12/21/06 13:58
n-Propylbenzene	50.0	46.2		ug/L	92%	76 - 133	6124073	12/21/06 13:58
Styrene	50.0	57.5		ug/L	115%	80 - 145	6124073	12/21/06 13:58
1,1,1,2-Tetrachloroethane	50.0	50.6		ug/L	101%	72 - 136	6124073	12/21/06 13:58
1,1,2,2-Tetrachloroethane	50.0	47.9		ug/L	96%	71 - 137	6124073	12/21/06 13:58
Tetrachloroethene	50.0	42.6		ug/L	85%	70 - 131	6124073	12/21/06 13:58
Toluene	50.0	45.4		ug/L	91%	78 - 122	6124073	12/21/06 13:58
1,2,3-Trichlorobenzene	50.0	47.8		ug/L	96%	60 - 144	6124073	12/21/06 13:58

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124073-BS1								
1,2,4-Trichlorobenzene	50.0	47.6		ug/L	95%	63 - 140	6124073	12/21/06 13:58
1,1,2-Trichloroethane	50.0	44.6		ug/L	89%	81 - 127	6124073	12/21/06 13:58
1,1,1-Trichloroethane	50.0	46.4		ug/L	93%	69 - 128	6124073	12/21/06 13:58
Trichloroethene	50.0	50.7		ug/L	101%	73 - 133	6124073	12/21/06 13:58
Trichlorofluoromethane	50.0	36.1		ug/L	72%	49 - 139	6124073	12/21/06 13:58
1,2,3-Trichloropropane	50.0	38.3		ug/L	77%	52 - 151	6124073	12/21/06 13:58
1,3,5-Trimethylbenzene	50.0	47.0		ug/L	94%	72 - 136	6124073	12/21/06 13:58
1,2,4-Trimethylbenzene	50.0	46.7		ug/L	93%	73 - 134	6124073	12/21/06 13:58
Vinyl chloride	50.0	45.5		ug/L	91%	54 - 137	6124073	12/21/06 13:58
Xylenes, total	150	137		ug/L	91%	79 - 130	6124073	12/21/06 13:58
Surrogate: 1,2-Dichloroethane-d4	25.0	21.2			85%	62 - 142	6124073	12/21/06 13:58
Surrogate: Dibromofluoromethane	25.0	22.9			92%	78 - 123	6124073	12/21/06 13:58
Surrogate: Toluene-d8	25.0	22.4			90%	79 - 120	6124073	12/21/06 13:58
Surrogate: 4-Bromofluorobenzene	25.0	23.6			94%	75 - 133	6124073	12/21/06 13:58
6124129-BS1								
Acetone	250	267		ug/L	107%	63 - 147	6124129	12/22/06 02:34
Benzene	50.0	49.4		ug/L	99%	78 - 125	6124129	12/22/06 02:34
Bromobenzene	50.0	49.3		ug/L	99%	71 - 142	6124129	12/22/06 02:34
Bromochloromethane	50.0	54.8		ug/L	110%	76 - 129	6124129	12/22/06 02:34
Bromodichloromethane	50.0	62.5		ug/L	125%	71 - 134	6124129	12/22/06 02:34
Bromoform	50.0	43.8		ug/L	88%	49 - 129	6124129	12/22/06 02:34
Bromomethane	50.0	75.1		ug/L	150%	42 - 154	6124129	12/22/06 02:34
2-Butanone	250	284		ug/L	114%	74 - 130	6124129	12/22/06 02:34
sec-Butylbenzene	50.0	48.2		ug/L	96%	78 - 129	6124129	12/22/06 02:34
n-Butylbenzene	50.0	47.3		ug/L	95%	68 - 138	6124129	12/22/06 02:34
tert-Butylbenzene	50.0	48.9		ug/L	98%	79 - 128	6124129	12/22/06 02:34
Carbon disulfide	50.0	44.2		ug/L	88%	65 - 122	6124129	12/22/06 02:34
Carbon Tetrachloride	50.0	57.7		ug/L	115%	62 - 142	6124129	12/22/06 02:34
Chlorobenzene	50.0	48.6		ug/L	97%	82 - 125	6124129	12/22/06 02:34
Chlorodibromomethane	50.0	49.4		ug/L	99%	67 - 135	6124129	12/22/06 02:34
Chloroethane	50.0	60.5		ug/L	121%	57 - 138	6124129	12/22/06 02:34
Chloroform	50.0	52.7		ug/L	105%	75 - 122	6124129	12/22/06 02:34
Chloromethane	50.0	52.4		ug/L	105%	31 - 147	6124129	12/22/06 02:34
2-Chlorotoluene	50.0	49.1		ug/L	98%	74 - 135	6124129	12/22/06 02:34
4-Chlorotoluene	50.0	48.6		ug/L	97%	74 - 133	6124129	12/22/06 02:34
1,2-Dibromo-3-chloropropane	50.0	48.5		ug/L	97%	45 - 140	6124129	12/22/06 02:34
1,2-Dibromoethane (EDB)	50.0	49.6		ug/L	99%	80 - 132	6124129	12/22/06 02:34
Dibromomethane	50.0	58.3		ug/L	117%	69 - 132	6124129	12/22/06 02:34
1,4-Dichlorobenzene	50.0	49.3		ug/L	99%	79 - 125	6124129	12/22/06 02:34
1,3-Dichlorobenzene	50.0	49.8		ug/L	100%	77 - 132	6124129	12/22/06 02:34
1,2-Dichlorobenzene	50.0	50.8		ug/L	102%	82 - 133	6124129	12/22/06 02:34

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124129-BS1								
Dichlorodifluoromethane	50.0	57.0		ug/L	114%	34 - 120	6124129	12/22/06 02:34
1,1-Dichloroethane	50.0	52.8		ug/L	106%	79 - 120	6124129	12/22/06 02:34
1,2-Dichloroethane	50.0	54.6		ug/L	109%	64 - 134	6124129	12/22/06 02:34
cis-1,2-Dichloroethene	50.0	50.8		ug/L	102%	71 - 126	6124129	12/22/06 02:34
1,1-Dichloroethene	50.0	53.1		ug/L	106%	71 - 123	6124129	12/22/06 02:34
trans-1,2-Dichloroethene	50.0	54.3		ug/L	109%	74 - 127	6124129	12/22/06 02:34
1,3-Dichloropropane	50.0	47.5		ug/L	95%	80 - 128	6124129	12/22/06 02:34
1,2-Dichloropropane	50.0	51.8		ug/L	104%	73 - 120	6124129	12/22/06 02:34
2,2-Dichloropropane	50.0	45.2		ug/L	90%	25 - 156	6124129	12/22/06 02:34
cis-1,3-Dichloropropene	50.0	48.6		ug/L	97%	70 - 135	6124129	12/22/06 02:34
trans-1,3-Dichloropropene	50.0	51.2		ug/L	102%	61 - 124	6124129	12/22/06 02:34
1,1-Dichloropropene	50.0	49.7		ug/L	99%	79 - 138	6124129	12/22/06 02:34
Ethylbenzene	50.0	47.8		ug/L	96%	73 - 134	6124129	12/22/06 02:34
Hexachlorobutadiene	50.0	51.5		ug/L	103%	58 - 145	6124129	12/22/06 02:34
2-Hexanone	250	281		ug/L	112%	72 - 136	6124129	12/22/06 02:34
Isopropylbenzene	50.0	45.5		ug/L	91%	74 - 121	6124129	12/22/06 02:34
p-Isopropyltoluene	50.0	47.5		ug/L	95%	70 - 133	6124129	12/22/06 02:34
Methyl tert-Butyl Ether	50.0	53.3		ug/L	107%	69 - 122	6124129	12/22/06 02:34
Methylene Chloride	50.0	57.6		ug/L	115%	75 - 127	6124129	12/22/06 02:34
4-Methyl-2-pentanone	250	254		ug/L	102%	77 - 132	6124129	12/22/06 02:34
Naphthalene	50.0	53.6		ug/L	107%	65 - 145	6124129	12/22/06 02:34
n-Propylbenzene	50.0	48.0		ug/L	96%	76 - 133	6124129	12/22/06 02:34
Styrene	50.0	59.4		ug/L	119%	80 - 145	6124129	12/22/06 02:34
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L	112%	72 - 136	6124129	12/22/06 02:34
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/L	102%	71 - 137	6124129	12/22/06 02:34
Tetrachloroethene	50.0	45.5		ug/L	91%	70 - 131	6124129	12/22/06 02:34
Toluene	50.0	46.8		ug/L	94%	78 - 122	6124129	12/22/06 02:34
1,2,3-Trichlorobenzene	50.0	52.9		ug/L	106%	60 - 144	6124129	12/22/06 02:34
1,2,4-Trichlorobenzene	50.0	51.2		ug/L	102%	63 - 140	6124129	12/22/06 02:34
1,1,2-Trichloroethane	50.0	48.4		ug/L	97%	81 - 127	6124129	12/22/06 02:34
1,1,1-Trichloroethane	50.0	53.5		ug/L	107%	69 - 128	6124129	12/22/06 02:34
Trichloroethene	50.0	55.8		ug/L	112%	73 - 133	6124129	12/22/06 02:34
Trichlorofluoromethane	50.0	56.8		ug/L	114%	49 - 139	6124129	12/22/06 02:34
1,2,3-Trichloropropane	50.0	41.9		ug/L	84%	52 - 151	6124129	12/22/06 02:34
1,3,5-Trimethylbenzene	50.0	49.9		ug/L	100%	72 - 136	6124129	12/22/06 02:34
1,2,4-Trimethylbenzene	50.0	49.2		ug/L	98%	73 - 134	6124129	12/22/06 02:34
Vinyl chloride	50.0	59.0		ug/L	118%	54 - 137	6124129	12/22/06 02:34
Xylenes, total	150	144		ug/L	96%	79 - 130	6124129	12/22/06 02:34
Surrogate: 1,2-Dichloroethane-d4	25.0	23.5			94%	62 - 142	6124129	12/22/06 02:34
Surrogate: Dibromofluoromethane	25.0	24.4			98%	78 - 123	6124129	12/22/06 02:34
Surrogate: Toluene-d8	25.0	21.9			88%	79 - 120	6124129	12/22/06 02:34

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1647
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124129-BS1								
Surrogate: 4-Bromofluorobenzene	25.0	23.9			96%	75 - 133	6124129	12/22/06 02:34
6124204-BS1								
Acetone	250	298		ug/L	119%	63 - 147	6124204	12/22/06 06:12
Benzene	50.0	55.2		ug/L	110%	78 - 125	6124204	12/22/06 06:12
Bromobenzene	50.0	62.0		ug/L	124%	71 - 142	6124204	12/22/06 06:12
Bromochloromethane	50.0	53.3		ug/L	107%	76 - 129	6124204	12/22/06 06:12
Bromodichloromethane	50.0	47.3		ug/L	95%	71 - 134	6124204	12/22/06 06:12
Bromoform	50.0	51.4		ug/L	103%	49 - 129	6124204	12/22/06 06:12
Bromomethane	50.0	47.7		ug/L	95%	42 - 154	6124204	12/22/06 06:12
2-Butanone	250	302		ug/L	121%	74 - 130	6124204	12/22/06 06:12
sec-Butylbenzene	50.0	54.6		ug/L	109%	78 - 129	6124204	12/22/06 06:12
n-Butylbenzene	50.0	48.8		ug/L	98%	68 - 138	6124204	12/22/06 06:12
tert-Butylbenzene	50.0	54.8		ug/L	110%	79 - 128	6124204	12/22/06 06:12
Carbon disulfide	50.0	56.7		ug/L	113%	65 - 122	6124204	12/22/06 06:12
Carbon Tetrachloride	50.0	46.0		ug/L	92%	62 - 142	6124204	12/22/06 06:12
Chlorobenzene	50.0	53.9		ug/L	108%	82 - 125	6124204	12/22/06 06:12
Chlorodibromomethane	50.0	45.2		ug/L	90%	67 - 135	6124204	12/22/06 06:12
Chloroethane	50.0	54.0		ug/L	108%	57 - 138	6124204	12/22/06 06:12
Chloroform	50.0	53.1		ug/L	106%	75 - 122	6124204	12/22/06 06:12
Chloromethane	50.0	41.6		ug/L	83%	31 - 147	6124204	12/22/06 06:12
2-Chlorotoluene	50.0	55.9		ug/L	112%	74 - 135	6124204	12/22/06 06:12
4-Chlorotoluene	50.0	53.6		ug/L	107%	74 - 133	6124204	12/22/06 06:12
1,2-Dibromo-3-chloropropane	50.0	46.2		ug/L	92%	45 - 140	6124204	12/22/06 06:12
1,2-Dibromoethane (EDB)	50.0	49.5		ug/L	99%	80 - 132	6124204	12/22/06 06:12
Dibromomethane	50.0	55.9		ug/L	112%	69 - 132	6124204	12/22/06 06:12
1,4-Dichlorobenzene	50.0	49.6		ug/L	99%	79 - 125	6124204	12/22/06 06:12
1,3-Dichlorobenzene	50.0	53.4		ug/L	107%	77 - 132	6124204	12/22/06 06:12
1,2-Dichlorobenzene	50.0	53.6		ug/L	107%	82 - 133	6124204	12/22/06 06:12
Dichlorodifluoromethane	50.0	25.2		ug/L	50%	34 - 120	6124204	12/22/06 06:12
1,1-Dichloroethane	50.0	55.0		ug/L	110%	79 - 120	6124204	12/22/06 06:12
1,2-Dichloroethane	50.0	51.1		ug/L	102%	64 - 134	6124204	12/22/06 06:12
cis-1,2-Dichloroethene	50.0	53.7		ug/L	107%	71 - 126	6124204	12/22/06 06:12
1,1-Dichloroethene	50.0	58.6		ug/L	117%	71 - 123	6124204	12/22/06 06:12
trans-1,2-Dichloroethene	50.0	56.8		ug/L	114%	74 - 127	6124204	12/22/06 06:12
1,3-Dichloropropane	50.0	51.0		ug/L	102%	80 - 128	6124204	12/22/06 06:12
1,2-Dichloropropane	50.0	55.6		ug/L	111%	73 - 120	6124204	12/22/06 06:12
2,2-Dichloropropane	50.0	45.7		ug/L	91%	25 - 156	6124204	12/22/06 06:12
cis-1,3-Dichloropropene	50.0	50.7		ug/L	101%	70 - 135	6124204	12/22/06 06:12
trans-1,3-Dichloropropene	50.0	52.6		ug/L	105%	61 - 124	6124204	12/22/06 06:12
1,1-Dichloropropene	50.0	56.2		ug/L	112%	79 - 138	6124204	12/22/06 06:12
Ethylbenzene	50.0	58.7		ug/L	117%	73 - 134	6124204	12/22/06 06:12

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124204-BS1								
Hexachlorobutadiene	50.0	38.2		ug/L	76%	58 - 145	6124204	12/22/06 06:12
2-Hexanone	250	291		ug/L	116%	72 - 136	6124204	12/22/06 06:12
Isopropylbenzene	50.0	52.4		ug/L	105%	74 - 121	6124204	12/22/06 06:12
p-Isopropyltoluene	50.0	49.0		ug/L	98%	70 - 133	6124204	12/22/06 06:12
Methyl tert-Butyl Ether	50.0	52.9		ug/L	106%	69 - 122	6124204	12/22/06 06:12
Methylene Chloride	50.0	59.6		ug/L	119%	75 - 127	6124204	12/22/06 06:12
4-Methyl-2-pentanone	250	308		ug/L	123%	77 - 132	6124204	12/22/06 06:12
Naphthalene	50.0	46.4		ug/L	93%	65 - 145	6124204	12/22/06 06:12
n-Propylbenzene	50.0	54.9		ug/L	110%	76 - 133	6124204	12/22/06 06:12
Styrene	50.0	65.9		ug/L	132%	80 - 145	6124204	12/22/06 06:12
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/L	98%	72 - 136	6124204	12/22/06 06:12
1,1,2,2-Tetrachloroethane	50.0	65.0		ug/L	130%	71 - 137	6124204	12/22/06 06:12
Tetrachloroethene	50.0	49.6		ug/L	99%	70 - 131	6124204	12/22/06 06:12
Toluene	50.0	52.9		ug/L	106%	78 - 122	6124204	12/22/06 06:12
1,2,3-Trichlorobenzene	50.0	43.1		ug/L	86%	60 - 144	6124204	12/22/06 06:12
1,2,4-Trichlorobenzene	50.0	42.3		ug/L	85%	63 - 140	6124204	12/22/06 06:12
1,1,2-Trichloroethane	50.0	55.0		ug/L	110%	81 - 127	6124204	12/22/06 06:12
1,1,1-Trichloroethane	50.0	53.4		ug/L	107%	69 - 128	6124204	12/22/06 06:12
Trichloroethene	50.0	54.2		ug/L	108%	73 - 133	6124204	12/22/06 06:12
Trichlorofluoromethane	50.0	48.0		ug/L	96%	49 - 139	6124204	12/22/06 06:12
1,2,3-Trichloropropane	50.0	58.4		ug/L	117%	52 - 151	6124204	12/22/06 06:12
1,3,5-Trimethylbenzene	50.0	53.2		ug/L	106%	72 - 136	6124204	12/22/06 06:12
1,2,4-Trimethylbenzene	50.0	52.6		ug/L	105%	73 - 134	6124204	12/22/06 06:12
Vinyl chloride	50.0	59.5		ug/L	119%	54 - 137	6124204	12/22/06 06:12
Xylenes, total	150	169		ug/L	113%	79 - 130	6124204	12/22/06 06:12
Surrogate: 1,2-Dichloroethane-d4	25.0	23.0			92%	62 - 142	6124204	12/22/06 06:12
Surrogate: Dibromofluoromethane	25.0	23.9			96%	78 - 123	6124204	12/22/06 06:12
Surrogate: Toluene-d8	25.0	24.0			96%	79 - 120	6124204	12/22/06 06:12
Surrogate: 4-Bromofluorobenzene	25.0	27.9			112%	75 - 133	6124204	12/22/06 06:12

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6123984-MS1										
Acetone	ND	275		ug/L	250	110%	56 - 147	6123984	NPL1647-03	12/21/06 15:21
Benzene	ND	55.7		ug/L	50.0	111%	74 - 130	6123984	NPL1647-03	12/21/06 15:21
Bromobenzene	ND	56.5		ug/L	50.0	113%	71 - 142	6123984	NPL1647-03	12/21/06 15:21
Bromochloromethane	ND	56.0		ug/L	50.0	112%	71 - 137	6123984	NPL1647-03	12/21/06 15:21
Bromodichloromethane	ND	49.8		ug/L	50.0	100%	66 - 145	6123984	NPL1647-03	12/21/06 15:21
Bromoform	ND	51.7		ug/L	50.0	103%	41 - 129	6123984	NPL1647-03	12/21/06 15:21
Bromomethane	ND	54.7		ug/L	50.0	109%	21 - 173	6123984	NPL1647-03	12/21/06 15:21
2-Butanone	ND	285		ug/L	250	114%	62 - 142	6123984	NPL1647-03	12/21/06 15:21
sec-Butylbenzene	ND	53.3		ug/L	50.0	107%	62 - 146	6123984	NPL1647-03	12/21/06 15:21
n-Butylbenzene	ND	44.8		ug/L	50.0	90%	58 - 150	6123984	NPL1647-03	12/21/06 15:21
tert-Butylbenzene	ND	56.2		ug/L	50.0	112%	68 - 143	6123984	NPL1647-03	12/21/06 15:21
Carbon disulfide	ND	59.0		ug/L	50.0	118%	38 - 149	6123984	NPL1647-03	12/21/06 15:21
Carbon Tetrachloride	ND	52.7		ug/L	50.0	105%	60 - 153	6123984	NPL1647-03	12/21/06 15:21
Chlorobenzene	ND	54.7		ug/L	50.0	109%	78 - 131	6123984	NPL1647-03	12/21/06 15:21
Chlorodibromomethane	ND	45.2		ug/L	50.0	90%	59 - 137	6123984	NPL1647-03	12/21/06 15:21
Chloroethane	ND	56.8		ug/L	50.0	114%	57 - 150	6123984	NPL1647-03	12/21/06 15:21
Chloroform	ND	55.9		ug/L	50.0	112%	69 - 135	6123984	NPL1647-03	12/21/06 15:21
Chloromethane	ND	54.1		ug/L	50.0	108%	22 - 154	6123984	NPL1647-03	12/21/06 15:21
2-Chlorotoluene	ND	53.2		ug/L	50.0	106%	78 - 138	6123984	NPL1647-03	12/21/06 15:21
4-Chlorotoluene	ND	51.1		ug/L	50.0	102%	73 - 139	6123984	NPL1647-03	12/21/06 15:21
1,2-Dibromo-3-chloropropane	ND	41.0		ug/L	50.0	82%	43 - 140	6123984	NPL1647-03	12/21/06 15:21
1,2-Dibromoethane (EDB)	ND	45.6		ug/L	50.0	91%	79 - 132	6123984	NPL1647-03	12/21/06 15:21
Dibromomethane	ND	55.8		ug/L	50.0	112%	66 - 137	6123984	NPL1647-03	12/21/06 15:21
1,4-Dichlorobenzene	ND	50.7		ug/L	50.0	101%	72 - 130	6123984	NPL1647-03	12/21/06 15:21
1,3-Dichlorobenzene	ND	54.7		ug/L	50.0	109%	75 - 134	6123984	NPL1647-03	12/21/06 15:21
1,2-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	80 - 133	6123984	NPL1647-03	12/21/06 15:21
Dichlorodifluoromethane	ND	54.9		ug/L	50.0	110%	19 - 126	6123984	NPL1647-03	12/21/06 15:21
1,1-Dichloroethane	ND	55.1		ug/L	50.0	110%	74 - 133	6123984	NPL1647-03	12/21/06 15:21
1,2-Dichloroethane	ND	55.5		ug/L	50.0	111%	55 - 148	6123984	NPL1647-03	12/21/06 15:21
cis-1,2-Dichloroethene	4.51	56.3		ug/L	50.0	104%	69 - 135	6123984	NPL1647-03	12/21/06 15:21
1,1-Dichloroethene	ND	61.0		ug/L	50.0	122%	66 - 140	6123984	NPL1647-03	12/21/06 15:21
trans-1,2-Dichloroethene	ND	56.7		ug/L	50.0	113%	68 - 142	6123984	NPL1647-03	12/21/06 15:21
1,3-Dichloropropane	ND	45.5		ug/L	50.0	91%	78 - 128	6123984	NPL1647-03	12/21/06 15:21
1,2-Dichloropropane	ND	55.7		ug/L	50.0	111%	73 - 128	6123984	NPL1647-03	12/21/06 15:21
2,2-Dichloropropane	ND	28.6		ug/L	50.0	57%	25 - 156	6123984	NPL1647-03	12/21/06 15:21
cis-1,3-Dichloropropene	ND	41.6		ug/L	50.0	83%	62 - 135	6123984	NPL1647-03	12/21/06 15:21
trans-1,3-Dichloropropene	ND	41.1		ug/L	50.0	82%	54 - 124	6123984	NPL1647-03	12/21/06 15:21

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6123984-MS1										
1,1-Dichloropropene	ND	57.4		ug/L	50.0	115%	72 - 138	6123984	NPL1647-03	12/21/06 15:21
Ethylbenzene	ND	59.9		ug/L	50.0	120%	70 - 143	6123984	NPL1647-03	12/21/06 15:21
Hexachlorobutadiene	ND	38.7		ug/L	50.0	77%	41 - 156	6123984	NPL1647-03	12/21/06 15:21
2-Hexanone	ND	252		ug/L	250	101%	67 - 142	6123984	NPL1647-03	12/21/06 15:21
Isopropylbenzene	ND	60.0		ug/L	50.0	120%	63 - 143	6123984	NPL1647-03	12/21/06 15:21
p-Isopropyltoluene	ND	49.7		ug/L	50.0	99%	52 - 156	6123984	NPL1647-03	12/21/06 15:21
Methyl tert-Butyl Ether	ND	52.4		ug/L	50.0	105%	62 - 135	6123984	NPL1647-03	12/21/06 15:21
Methylene Chloride	ND	59.9		ug/L	50.0	120%	71 - 130	6123984	NPL1647-03	12/21/06 15:21
4-Methyl-2-pentanone	ND	275		ug/L	250	110%	74 - 139	6123984	NPL1647-03	12/21/06 15:21
Naphthalene	ND	42.7		ug/L	50.0	85%	40 - 161	6123984	NPL1647-03	12/21/06 15:21
n-Propylbenzene	ND	52.6		ug/L	50.0	105%	67 - 146	6123984	NPL1647-03	12/21/06 15:21
Styrene	ND	52.3		ug/L	50.0	105%	39 - 162	6123984	NPL1647-03	12/21/06 15:21
1,1,1,2-Tetrachloroethane	ND	50.6		ug/L	50.0	101%	72 - 139	6123984	NPL1647-03	12/21/06 15:21
1,1,2,2-Tetrachloroethane	ND	56.0		ug/L	50.0	112%	71 - 139	6123984	NPL1647-03	12/21/06 15:21
Tetrachloroethene	ND	53.9		ug/L	50.0	108%	64 - 143	6123984	NPL1647-03	12/21/06 15:21
Toluene	ND	52.5		ug/L	50.0	105%	70 - 137	6123984	NPL1647-03	12/21/06 15:21
1,2,3-Trichlorobenzene	ND	41.1		ug/L	50.0	82%	45 - 150	6123984	NPL1647-03	12/21/06 15:21
1,2,4-Trichlorobenzene	ND	39.2		ug/L	50.0	78%	51 - 144	6123984	NPL1647-03	12/21/06 15:21
1,1,2-Trichloroethane	ND	50.8		ug/L	50.0	102%	76 - 132	6123984	NPL1647-03	12/21/06 15:21
1,1,1-Trichloroethane	ND	60.5		ug/L	50.0	121%	65 - 143	6123984	NPL1647-03	12/21/06 15:21
Trichloroethene	1.25	59.3		ug/L	50.0	116%	70 - 137	6123984	NPL1647-03	12/21/06 15:21
Trichlorofluoromethane	ND	65.7		ug/L	50.0	131%	49 - 159	6123984	NPL1647-03	12/21/06 15:21
1,2,3-Trichloropropane	ND	52.3		ug/L	50.0	105%	63 - 135	6123984	NPL1647-03	12/21/06 15:21
1,3,5-Trimethylbenzene	ND	49.5		ug/L	50.0	99%	36 - 162	6123984	NPL1647-03	12/21/06 15:21
1,2,4-Trimethylbenzene	ND	49.5		ug/L	50.0	99%	49 - 152	6123984	NPL1647-03	12/21/06 15:21
Vinyl chloride	ND	58.4		ug/L	50.0	117%	49 - 148	6123984	NPL1647-03	12/21/06 15:21
Xylenes, total	ND	177		ug/L	150	118%	62 - 147	6123984	NPL1647-03	12/21/06 15:21
Surrogate: 1,2-Dichloroethane-d4		24.6		ug/L	25.0	98%	62 - 142	6123984	NPL1647-03	12/21/06 15:21
Surrogate: Dibromofluoromethane		24.7		ug/L	25.0	99%	78 - 123	6123984	NPL1647-03	12/21/06 15:21
Surrogate: Toluene-d8		23.2		ug/L	25.0	93%	79 - 120	6123984	NPL1647-03	12/21/06 15:21
Surrogate: 4-Bromofluorobenzene		25.5		ug/L	25.0	102%	75 - 133	6123984	NPL1647-03	12/21/06 15:21

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123984-MSD1												
Acetone	ND	279		ug/L	250	112%	56 - 147	1	22	6123984	NPL1647-03	12/21/06 15:46
Benzene	ND	57.5		ug/L	50.0	115%	74 - 130	3	15	6123984	NPL1647-03	12/21/06 15:46
Bromobenzene	ND	59.0		ug/L	50.0	118%	71 - 142	4	17	6123984	NPL1647-03	12/21/06 15:46
Bromochloromethane	ND	58.1		ug/L	50.0	116%	71 - 137	4	15	6123984	NPL1647-03	12/21/06 15:46
Bromodichloromethane	ND	50.7		ug/L	50.0	101%	66 - 145	2	17	6123984	NPL1647-03	12/21/06 15:46
Bromoform	ND	53.6		ug/L	50.0	107%	41 - 129	4	19	6123984	NPL1647-03	12/21/06 15:46
Bromomethane	ND	57.6		ug/L	50.0	115%	21 - 173	5	41	6123984	NPL1647-03	12/21/06 15:46
2-Butanone	ND	285		ug/L	250	114%	62 - 142	0	17	6123984	NPL1647-03	12/21/06 15:46
sec-Butylbenzene	ND	55.2		ug/L	50.0	110%	62 - 146	4	21	6123984	NPL1647-03	12/21/06 15:46
n-Butylbenzene	ND	46.7		ug/L	50.0	93%	58 - 150	4	23	6123984	NPL1647-03	12/21/06 15:46
tert-Butylbenzene	ND	58.2		ug/L	50.0	116%	68 - 143	3	20	6123984	NPL1647-03	12/21/06 15:46
Carbon disulfide	ND	61.3		ug/L	50.0	123%	38 - 149	4	50	6123984	NPL1647-03	12/21/06 15:46
Carbon Tetrachloride	ND	53.4		ug/L	50.0	107%	60 - 153	1	18	6123984	NPL1647-03	12/21/06 15:46
Chlorobenzene	ND	56.9		ug/L	50.0	114%	78 - 131	4	15	6123984	NPL1647-03	12/21/06 15:46
Chlorodibromomethane	ND	47.4		ug/L	50.0	95%	59 - 137	5	18	6123984	NPL1647-03	12/21/06 15:46
Chloroethane	ND	59.0		ug/L	50.0	118%	57 - 150	4	36	6123984	NPL1647-03	12/21/06 15:46
Chloroform	ND	56.9		ug/L	50.0	114%	69 - 135	2	16	6123984	NPL1647-03	12/21/06 15:46
Chloromethane	ND	56.5		ug/L	50.0	113%	22 - 154	4	46	6123984	NPL1647-03	12/21/06 15:46
2-Chlorotoluene	ND	55.3		ug/L	50.0	111%	78 - 138	4	17	6123984	NPL1647-03	12/21/06 15:46
4-Chlorotoluene	ND	54.0		ug/L	50.0	108%	73 - 139	6	16	6123984	NPL1647-03	12/21/06 15:46
1,2-Dibromo-3-chloropropane	ND	42.5		ug/L	50.0	85%	43 - 140	4	20	6123984	NPL1647-03	12/21/06 15:46
1,2-Dibromoethane (EDB)	ND	47.8		ug/L	50.0	96%	79 - 132	5	16	6123984	NPL1647-03	12/21/06 15:46
Dibromomethane	ND	57.4		ug/L	50.0	115%	66 - 137	3	16	6123984	NPL1647-03	12/21/06 15:46
1,4-Dichlorobenzene	ND	52.3		ug/L	50.0	105%	72 - 130	3	16	6123984	NPL1647-03	12/21/06 15:46
1,3-Dichlorobenzene	ND	57.3		ug/L	50.0	115%	75 - 134	5	17	6123984	NPL1647-03	12/21/06 15:46
1,2-Dichlorobenzene	ND	55.9		ug/L	50.0	112%	80 - 133	4	16	6123984	NPL1647-03	12/21/06 15:46
Dichlorodifluoromethane	ND	56.3		ug/L	50.0	113%	19 - 126	3	21	6123984	NPL1647-03	12/21/06 15:46
1,1-Dichloroethane	ND	56.9		ug/L	50.0	114%	74 - 133	3	17	6123984	NPL1647-03	12/21/06 15:46
1,2-Dichloroethane	ND	55.6		ug/L	50.0	111%	55 - 148	0.2	19	6123984	NPL1647-03	12/21/06 15:46
cis-1,2-Dichloroethene	4.51	58.9		ug/L	50.0	109%	69 - 135	5	16	6123984	NPL1647-03	12/21/06 15:46
1,1-Dichloroethene	ND	64.6		ug/L	50.0	129%	66 - 140	6	34	6123984	NPL1647-03	12/21/06 15:46
trans-1,2-Dichloroethene	ND	58.5		ug/L	50.0	117%	68 - 142	3	21	6123984	NPL1647-03	12/21/06 15:46
1,3-Dichloropropane	ND	48.3		ug/L	50.0	97%	78 - 128	6	16	6123984	NPL1647-03	12/21/06 15:46
1,2-Dichloropropane	ND	57.2		ug/L	50.0	114%	73 - 128	3	15	6123984	NPL1647-03	12/21/06 15:46
2,2-Dichloropropane	ND	30.1		ug/L	50.0	60%	25 - 156	5	16	6123984	NPL1647-03	12/21/06 15:46
cis-1,3-Dichloropropene	ND	45.0		ug/L	50.0	90%	62 - 135	8	19	6123984	NPL1647-03	12/21/06 15:46
trans-1,3-Dichloropropene	ND	44.1		ug/L	50.0	88%	54 - 124	7	19	6123984	NPL1647-03	12/21/06 15:46
1,1-Dichloropropene	ND	60.7		ug/L	50.0	121%	72 - 138	6	17	6123984	NPL1647-03	12/21/06 15:46
Ethylbenzene	ND	61.8		ug/L	50.0	124%	70 - 143	3	15	6123984	NPL1647-03	12/21/06 15:46
Hexachlorobutadiene	ND	40.5		ug/L	50.0	81%	41 - 156	5	35	6123984	NPL1647-03	12/21/06 15:46
2-Hexanone	ND	264		ug/L	250	106%	67 - 142	5	18	6123984	NPL1647-03	12/21/06 15:46

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123984-MSD1												
Isopropylbenzene	ND	60.9		ug/L	50.0	122%	63 - 143	1	17	6123984	NPL1647-03	12/21/06 15:46
p-Isopropyltoluene	ND	51.9		ug/L	50.0	104%	52 - 156	4	21	6123984	NPL1647-03	12/21/06 15:46
Methyl tert-Butyl Ether	ND	56.9		ug/L	50.0	114%	62 - 135	8	16	6123984	NPL1647-03	12/21/06 15:46
Methylene Chloride	ND	61.8		ug/L	50.0	124%	71 - 130	3	19	6123984	NPL1647-03	12/21/06 15:46
4-Methyl-2-pentanone	ND	291		ug/L	250	116%	74 - 139	6	18	6123984	NPL1647-03	12/21/06 15:46
Naphthalene	ND	45.8		ug/L	50.0	92%	40 - 161	7	34	6123984	NPL1647-03	12/21/06 15:46
n-Propylbenzene	ND	55.0		ug/L	50.0	110%	67 - 146	4	18	6123984	NPL1647-03	12/21/06 15:46
Styrene	ND	54.8		ug/L	50.0	110%	39 - 162	5	22	6123984	NPL1647-03	12/21/06 15:46
1,1,1,2-Tetrachloroethane	ND	52.3		ug/L	50.0	105%	72 - 139	3	16	6123984	NPL1647-03	12/21/06 15:46
1,1,2,2-Tetrachloroethane	ND	57.4		ug/L	50.0	115%	71 - 139	2	16	6123984	NPL1647-03	12/21/06 15:46
Tetrachloroethene	ND	56.6		ug/L	50.0	113%	64 - 143	5	20	6123984	NPL1647-03	12/21/06 15:46
Toluene	ND	54.9		ug/L	50.0	110%	70 - 137	4	15	6123984	NPL1647-03	12/21/06 15:46
1,2,3-Trichlorobenzene	ND	44.4		ug/L	50.0	89%	45 - 150	8	33	6123984	NPL1647-03	12/21/06 15:46
1,2,4-Trichlorobenzene	ND	41.9		ug/L	50.0	84%	51 - 144	7	26	6123984	NPL1647-03	12/21/06 15:46
1,1,2-Trichloroethane	ND	54.3		ug/L	50.0	109%	76 - 132	7	16	6123984	NPL1647-03	12/21/06 15:46
1,1,1-Trichloroethane	ND	61.6		ug/L	50.0	123%	65 - 143	2	17	6123984	NPL1647-03	12/21/06 15:46
Trichloroethene	1.25	60.8		ug/L	50.0	119%	70 - 137	2	17	6123984	NPL1647-03	12/21/06 15:46
Trichlorofluoromethane	ND	67.3		ug/L	50.0	135%	49 - 159	2	42	6123984	NPL1647-03	12/21/06 15:46
1,2,3-Trichloropropane	ND	55.0		ug/L	50.0	110%	63 - 135	5	18	6123984	NPL1647-03	12/21/06 15:46
1,3,5-Trimethylbenzene	ND	52.7		ug/L	50.0	105%	36 - 162	6	20	6123984	NPL1647-03	12/21/06 15:46
1,2,4-Trimethylbenzene	ND	52.0		ug/L	50.0	104%	49 - 152	5	18	6123984	NPL1647-03	12/21/06 15:46
Vinyl chloride	ND	62.1		ug/L	50.0	124%	49 - 148	6	50	6123984	NPL1647-03	12/21/06 15:46
Xylenes, total	ND	179		ug/L	150	119%	62 - 147	1	16	6123984	NPL1647-03	12/21/06 15:46
Surrogate: 1,2-Dichloroethane-d4		23.8		ug/L	25.0	95%	62 - 142			6123984	NPL1647-03	12/21/06 15:46
Surrogate: Dibromofluoromethane		24.6		ug/L	25.0	98%	78 - 123			6123984	NPL1647-03	12/21/06 15:46
Surrogate: Toluene-d8		23.8		ug/L	25.0	95%	79 - 120			6123984	NPL1647-03	12/21/06 15:46
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	25.0	103%	75 - 133			6123984	NPL1647-03	12/21/06 15:46

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1647
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

DATA QUALIFIERS AND DEFINITIONS

E Concentration exceeds the calibration range and therefore result is semi-quantitative.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NPL1647

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On 12/12/06 @ 08:30

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 6370

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 0.8 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES....NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... SR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes-NY

NPL1647
12/27/06 23:59

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30305200G.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-199 PO#: 5298

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
X Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260										REMARKS
BR-04	12-9-06	0930	G		GW								X		01								
QAFB02		0955											X		02								
BR-05		1040											X										
BR-05 (MS)		1045											X		03								Matrix Spike
BR-05 (MSD)		1050											X										Matrix Spike
QARB02		1110											X		04								
BR-08		1210											X		05								
BR-09		1415											X		06								
BR-11		1505											X		07								
BR-11 (DUP)		1510											X		08								

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 6.8

Relinquished By: Joe Deatherage	Date: 12-11-06	Time: 1400	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/12/06	Time: 830

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
~~Compliance Monitoring~~ Yes - NY

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-199 PO#: 52196

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
X Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260		REMARKS
BR-07	12-8-06	0925	G		GW								X	09	
BR-07 (DUP)		0930											X	10	
QATB01		0940											X	11	Trip Blank
QAFB01		0945											X	12	
QARB01		0950											X	13	
BR-06		1045											X	14	
BR-03		1140											X	15	
BR-01		1350											X	16	
BR-02		1500											X	17	
BR-10		1615											X	18	

Special Instructions:

Relinquished By: Joe Deatherage	Date: 12-7-06	Time: 1400	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/8/06	Time: 0830

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 08
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 27, 2006 1:09:01PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 12/12/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
BR-15	NPL1575-01	12/10/06 09:40
BR-17	NPL1575-02	12/10/06 10:30
OB-06	NPL1575-03	12/10/06 11:40
OB-07	NPL1575-04	12/11/06 09:05
W-2	NPL1575-05	12/10/06 14:00
QATB02	NPL1575-06	12/09/06 08:35
TW-04	NPL1575-07	12/11/06 10:25
Trip Blank #2	NPL1575-08	12/09/06 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
pH for sulfide container for sample NPL1575-07, had a pH of 7 and should have a pH of > 9.
New York Certification Number: 11342

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Sample ID: NPL1575-01 (BR-15 - Ground Water) Sampled: 12/10/06 09:40

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	12/18/06 21:54	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 21:54	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
cis-1,2-Dichloroethene	**138**		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1-Dichloroethene	**1.20**		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
trans-1,2-Dichloroethene	**3.30**		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 21:54	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-01 (BR-15 - Ground Water) - cont. Sampled: 12/10/06 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 21:54	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 21:54	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 21:54	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Trichloroethene	**390**		ug/L	10.0	10	12/20/06 23:26	SW846 8260B	6123933
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Vinyl chloride	**1.44**		ug/L	1.00	1	12/18/06 21:54	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 21:54	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*86 %*					*12/18/06 21:54*	*SW846 8260B*	*6123416*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*87 %*					*12/20/06 23:26*	*SW846 8260B*	*6123933*
Surr: Dibromofluoromethane (78-123%)	*86 %*					*12/18/06 21:54*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*12/20/06 23:26*	*SW846 8260B*	*6123933*
Surr: Toluene-d8 (79-120%)	*88 %*					*12/18/06 21:54*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*90 %*					*12/20/06 23:26*	*SW846 8260B*	*6123933*
Surr: 4-Bromofluorobenzene (75-133%)	*90 %*					*12/18/06 21:54*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*92 %*					*12/20/06 23:26*	*SW846 8260B*	*6123933*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

ANALYTICAL REPORT

Sample ID: NPL1575-02 (BR-17 - Ground Water) Sampled: 12/10/06 10:30

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	12/18/06 22:18	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 22:18	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Dichlorodifluoromethane	**1.40**		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
cis-1,2-Dichloroethene	**325**		ug/L	10.0	10	12/20/06 23:50	SW846 8260B	6123933
1,1-Dichloroethene	**2.10**		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
trans-1,2-Dichloroethene	**57.4**		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 22:18	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-02 (BR-17 - Ground Water) - cont. Sampled: 12/10/06 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 22:18	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 22:18	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 22:18	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Trichloroethene	**13.6**		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Vinyl chloride	**2.48**		ug/L	1.00	1	12/18/06 22:18	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 22:18	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*84 %*					*12/18/06 22:18*	*SW846 8260B*	*6123416*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*12/20/06 23:50*	*SW846 8260B*	*6123933*
Surr: Dibromofluoromethane (78-123%)	*83 %*					*12/18/06 22:18*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*93 %*					*12/20/06 23:50*	*SW846 8260B*	*6123933*
Surr: Toluene-d8 (79-120%)	*85 %*					*12/18/06 22:18*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*92 %*					*12/20/06 23:50*	*SW846 8260B*	*6123933*
Surr: 4-Bromofluorobenzene (75-133%)	*88 %*					*12/18/06 22:18*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*94 %*					*12/20/06 23:50*	*SW846 8260B*	*6123933*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Sample ID: NPL1575-03 (OB-06 - Ground Water) Sampled: 12/10/06 11:40

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	12/20/06 12:27	SW846 8260B	6123901
Benzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Bromobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Bromochloromethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Bromodichloromethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Bromoform	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Bromomethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
2-Butanone	ND		ug/L	50.0	1	12/20/06 12:27	SW846 8260B	6123901
sec-Butylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
n-Butylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
tert-Butylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Carbon disulfide	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Carbon Tetrachloride	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Chlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Chlorodibromomethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Chloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Chloroform	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Chloromethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
2-Chlorotoluene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
4-Chlorotoluene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Dibromomethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1-Dichloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2-Dichloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
cis-1,2-Dichloroethene	**2.69**		ug/L	1.00	1	12/21/06 16:49	SW846 8260B	6124073
1,1-Dichloroethene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,3-Dichloropropane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2-Dichloropropane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
2,2-Dichloropropane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1-Dichloropropene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Ethylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Hexachlorobutadiene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
2-Hexanone	ND		ug/L	50.0	1	12/20/06 12:27	SW846 8260B	6123901
Isopropylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
p-Isopropyltoluene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-03 (OB-06 - Ground Water) - cont. Sampled: 12/10/06 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Methylene Chloride	ND		ug/L	5.00	1	12/20/06 12:27	SW846 8260B	6123901
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/20/06 12:27	SW846 8260B	6123901
Naphthalene	ND		ug/L	5.00	1	12/20/06 12:27	SW846 8260B	6123901
n-Propylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Styrene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Tetrachloroethene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Toluene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Trichloroethene	**87.8**	B1, B	ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Trichlorofluoromethane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Vinyl chloride	ND		ug/L	1.00	1	12/20/06 12:27	SW846 8260B	6123901
Xylenes, total	ND		ug/L	3.00	1	12/20/06 12:27	SW846 8260B	6123901
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*12/20/06 12:27*	*SW846 8260B*	*6123901*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*12/21/06 16:49*	*SW846 8260B*	*6124073*
Surr: Dibromofluoromethane (78-123%)	*95 %*					*12/20/06 12:27*	*SW846 8260B*	*6123901*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*12/21/06 16:49*	*SW846 8260B*	*6124073*
Surr: Toluene-d8 (79-120%)	*90 %*					*12/20/06 12:27*	*SW846 8260B*	*6123901*
Surr: Toluene-d8 (79-120%)	*92 %*					*12/21/06 16:49*	*SW846 8260B*	*6124073*
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*12/20/06 12:27*	*SW846 8260B*	*6123901*
Surr: 4-Bromofluorobenzene (75-133%)	*93 %*					*12/21/06 16:49*	*SW846 8260B*	*6124073*

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-04 (OB-07 - Ground Water) Sampled: 12/11/06 09:05								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**176**		mg/L	10.0	1	12/16/06 13:03	EPA 310.1	6121985
Carbon Dioxide	**11.9**	HTI	mg/L	5.00	1	12/13/06 10:28	SM 4500CO2 C	6121953
Chloride	**25.7**		mg/L	5.00	5	12/26/06 12:31	EPA 300.0	6122625
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/19/06 21:13	SM 3500Fe D	6122553
Nitrate as N	**1.43**	H2	mg/L	0.100	1	12/22/06 12:25	EPA 300.0	6122625
Sulfate	**555**		mg/L	50.0	50	12/22/06 11:26	EPA 300.0	6122625
Sulfide	ND	H	mg/L	1.00	1	12/20/06 19:05	EPA 376.1	6123540
Total Organic Carbon	**2.78**		mg/L	1.00	1	12/19/06 14:43	EPA 415.1	6121748
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/14/06 15:27	RSK 175	6122148
Ethene	ND		ug/L	26.0	1	12/14/06 15:27	RSK 175	6122148
Methane	**60.0**		ug/L	26.0	1	12/14/06 15:27	RSK 175	6122148
Surr: Acetylene (76-122%)	*100 %*					*12/14/06 15:27*	*RSK 175*	*6122148*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/18/06 23:07	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 23:07	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-04 (OB-07 - Ground Water) - cont. Sampled: 12/11/06 09:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 23:07	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 23:07	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 23:07	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 23:07	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Trichloroethene	**12.0**		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Vinyl chloride	ND		ug/L	1.00	1	12/18/06 23:07	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 23:07	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*86 %*					*12/18/06 23:07*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*91 %*					*12/18/06 23:07*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*85 %*					*12/18/06 23:07*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*87 %*					*12/18/06 23:07*	*SW846 8260B*	*6123416*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-05 (W-2 - Ground Water) Sampled: 12/10/06 14:00								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**163**		mg/L	10.0	1	12/16/06 13:03	EPA 310.1	6121985
Carbon Dioxide	**8.52**	HTI	mg/L	5.00	1	12/13/06 10:28	SM 4500CO2 C	6121953
Chloride	**9.34**		mg/L	2.00	2	12/22/06 13:53	EPA 300.0	6122625
Sample ID: NPL1575-06 (QATB02 - Ground Water) Sampled: 12/09/06 08:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/18/06 19:27	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 19:27	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-06 (QATB02 - Ground Water) - cont. Sampled: 12/09/06 08:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 19:27	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 19:27	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 19:27	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 19:27	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Trichloroethene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Vinyl chloride	ND		ug/L	1.00	1	12/18/06 19:27	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 19:27	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*88 %*					*12/18/06 19:27*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*12/18/06 19:27*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*93 %*					*12/18/06 19:27*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*92 %*					*12/18/06 19:27*	*SW846 8260B*	*6123416*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-07 (TW-04 - Ground Water) Sampled: 12/11/06 10:25								
General Chemistry Parameters								
Alkalinity, Total (CaCO3)	**290**		mg/L	10.0	1	12/16/06 13:03	EPA 310.1	6121985
Carbon Dioxide	**33.2**	HTI	mg/L	5.00	1	12/13/06 10:28	SM 4500CO2 C	6121953
Chloride	**3.19**		mg/L	1.00	1	12/26/06 12:47	EPA 300.0	6122625
Iron, ferrous	ND	HTI	mg/L	0.100	1	12/19/06 21:13	SM 3500Fe D	6122553
Nitrate as N	ND	H2	mg/L	0.100	1	12/26/06 12:47	EPA 300.0	6122625
Sulfate	**204**		mg/L	20.0	20	12/22/06 14:08	EPA 300.0	6122625
Sulfide	ND	H	mg/L	1.00	1	12/20/06 19:05	EPA 376.1	6123540
Total Organic Carbon	ND		mg/L	1.00	1	12/19/06 14:43	EPA 415.1	6121748
Methane, Ethane, and Ethene by GC								
Ethane	ND		ug/L	26.0	1	12/14/06 15:29	RSK 175	6122148
Ethene	ND		ug/L	26.0	1	12/14/06 15:29	RSK 175	6122148
Methane	ND		ug/L	26.0	1	12/14/06 15:29	RSK 175	6122148
Surr: Acetylene (76-122%)	*100 %*					*12/14/06 15:29*	*RSK 175*	*6122148*
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/18/06 23:31	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 23:31	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-07 (TW-04 - Ground Water) - cont. Sampled: 12/11/06 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 23:31	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 23:31	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 23:31	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 23:31	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Trichloroethene	**8.99**		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Vinyl chloride	ND		ug/L	1.00	1	12/18/06 23:31	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 23:31	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*82 %*					*12/18/06 23:31*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*86 %*					*12/18/06 23:31*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*82 %*					*12/18/06 23:31*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*87 %*					*12/18/06 23:31*	*SW846 8260B*	*6123416*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-08 (Trip Blank #2 - Ground Water) Sampled: 12/09/06 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/18/06 19:51	SW846 8260B	6123416
Benzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Bromobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Bromochloromethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Bromodichloromethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Bromoform	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Bromomethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
2-Butanone	ND		ug/L	50.0	1	12/18/06 19:51	SW846 8260B	6123416
sec-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
n-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
tert-Butylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Carbon disulfide	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Carbon Tetrachloride	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Chlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Chlorodibromomethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Chloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Chloroform	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Chloromethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
2-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
4-Chlorotoluene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Dibromomethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1-Dichloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2-Dichloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,3-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
2,2-Dichloropropane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1-Dichloropropene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Ethylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Hexachlorobutadiene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
2-Hexanone	ND		ug/L	50.0	1	12/18/06 19:51	SW846 8260B	6123416
Isopropylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
p-Isopropyltoluene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPL1575-08 (Trip Blank #2 - Ground Water) - cont. Sampled: 12/09/06 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Methylene Chloride	ND		ug/L	5.00	1	12/18/06 19:51	SW846 8260B	6123416
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/18/06 19:51	SW846 8260B	6123416
Naphthalene	ND		ug/L	5.00	1	12/18/06 19:51	SW846 8260B	6123416
n-Propylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Styrene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Tetrachloroethene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Toluene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Trichloroethene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Trichlorofluoromethane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Vinyl chloride	ND		ug/L	1.00	1	12/18/06 19:51	SW846 8260B	6123416
Xylenes, total	ND		ug/L	3.00	1	12/18/06 19:51	SW846 8260B	6123416
Surr: 1,2-Dichloroethane-d4 (62-142%)	*86 %*					*12/18/06 19:51*	*SW846 8260B*	*6123416*
Surr: Dibromofluoromethane (78-123%)	*90 %*					*12/18/06 19:51*	*SW846 8260B*	*6123416*
Surr: Toluene-d8 (79-120%)	*86 %*					*12/18/06 19:51*	*SW846 8260B*	*6123416*
Surr: 4-Bromofluorobenzene (75-133%)	*89 %*					*12/18/06 19:51*	*SW846 8260B*	*6123416*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6121748-BLK1						
Total Organic Carbon	<0.520		mg/L	6121748	6121748-BLK1	12/19/06 14:43
6121953-BLK1						
Carbon Dioxide	<3.60		mg/L	6121953	6121953-BLK1	12/13/06 10:28
6121985-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	6121985	6121985-BLK1	12/16/06 13:03
6122553-BLK1						
Iron, ferrous	<0.0500		mg/L	6122553	6122553-BLK1	12/19/06 20:20
6122625-BLK1						
Chloride	<0.500		mg/L	6122625	6122625-BLK1	12/22/06 08:15
Nitrate as N	<0.0500		mg/L	6122625	6122625-BLK1	12/22/06 08:15
Sulfate	<0.500		mg/L	6122625	6122625-BLK1	12/22/06 08:15
6123540-BLK1						
Sulfide	<0.380		mg/L	6123540	6123540-BLK1	12/20/06 19:05
Methane, Ethane, and Ethene by GC						
6122148-BLK1						
Ethane	<14.0		ug/L	6122148	6122148-BLK1	12/14/06 13:49
Ethene	<11.0		ug/L	6122148	6122148-BLK1	12/14/06 13:49
Methane	<15.0		ug/L	6122148	6122148-BLK1	12/14/06 13:49
Surrogate: Acetylene	108%			6122148	6122148-BLK1	12/14/06 13:49
Volatile Organic Compounds by EPA Method 8260B						
6123416-BLK1						
Acetone	<7.41		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Benzene	<0.330		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Bromobenzene	<0.450		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Bromochloromethane	<0.700		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Bromodichloromethane	<0.390		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Bromoform	<0.540		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Bromomethane	<0.420		ug/L	6123416	6123416-BLK1	12/18/06 15:16
2-Butanone	<3.06		ug/L	6123416	6123416-BLK1	12/18/06 15:16
sec-Butylbenzene	<0.260		ug/L	6123416	6123416-BLK1	12/18/06 15:16
n-Butylbenzene	<0.780		ug/L	6123416	6123416-BLK1	12/18/06 15:16
tert-Butylbenzene	<0.400		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Carbon disulfide	<0.230		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Carbon Tetrachloride	<0.410		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Chlorobenzene	<0.340		ug/L	6123416	6123416-BLK1	12/18/06 15:16

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123416-BLK1						
Chlorodibromomethane	<0.480		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Chloroethane	<0.350		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Chloroform	<0.510		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Chloromethane	<0.310		ug/L	6123416	6123416-BLK1	12/18/06 15:16
2-Chlorotoluene	<0.210		ug/L	6123416	6123416-BLK1	12/18/06 15:16
4-Chlorotoluene	<0.410		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2-Dibromoethane (EDB)	<0.320		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Dibromomethane	<0.430		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,4-Dichlorobenzene	<0.360		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,3-Dichlorobenzene	<0.410		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2-Dichlorobenzene	<0.440		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Dichlorodifluoromethane	<0.290		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1-Dichloroethane	<0.600		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2-Dichloroethane	<0.460		ug/L	6123416	6123416-BLK1	12/18/06 15:16
cis-1,2-Dichloroethene	<0.540		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1-Dichloroethene	<0.270		ug/L	6123416	6123416-BLK1	12/18/06 15:16
trans-1,2-Dichloroethene	<0.200		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,3-Dichloropropane	<0.480		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2-Dichloropropane	<0.370		ug/L	6123416	6123416-BLK1	12/18/06 15:16
2,2-Dichloropropane	<0.370		ug/L	6123416	6123416-BLK1	12/18/06 15:16
cis-1,3-Dichloropropene	<0.330		ug/L	6123416	6123416-BLK1	12/18/06 15:16
trans-1,3-Dichloropropene	<0.310		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1-Dichloropropene	<0.280		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Ethylbenzene	<0.420		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Hexachlorobutadiene	<0.660		ug/L	6123416	6123416-BLK1	12/18/06 15:16
2-Hexanone	<2.19		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Isopropylbenzene	<0.410		ug/L	6123416	6123416-BLK1	12/18/06 15:16
p-Isopropyltoluene	<0.320		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Methyl tert-Butyl Ether	<0.310		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Methylene Chloride	<2.10		ug/L	6123416	6123416-BLK1	12/18/06 15:16
4-Methyl-2-pentanone	<4.15		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Naphthalene	<0.650		ug/L	6123416	6123416-BLK1	12/18/06 15:16
n-Propylbenzene	<0.350		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Styrene	<0.390		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Tetrachloroethene	<0.320		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Toluene	<0.420		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2,3-Trichlorobenzene	<0.620		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2,4-Trichlorobenzene	<0.620		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,1,2-Trichloroethane	<0.570		ug/L	6123416	6123416-BLK1	12/18/06 15:16

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123416-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Trichloroethene	<0.510		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Trichlorofluoromethane	<0.400		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2,3-Trichloropropane	<0.520		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,3,5-Trimethylbenzene	<0.240		ug/L	6123416	6123416-BLK1	12/18/06 15:16
1,2,4-Trimethylbenzene	<0.350		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Vinyl chloride	<0.260		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Xylenes, total	<0.450		ug/L	6123416	6123416-BLK1	12/18/06 15:16
Surrogate: 1,2-Dichloroethane-d4	90%			6123416	6123416-BLK1	12/18/06 15:16
Surrogate: Dibromofluoromethane	100%			6123416	6123416-BLK1	12/18/06 15:16
Surrogate: Toluene-d8	93%			6123416	6123416-BLK1	12/18/06 15:16
Surrogate: 4-Bromofluorobenzene	92%			6123416	6123416-BLK1	12/18/06 15:16
6123901-BLK1						
Acetone	<7.41		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Benzene	<0.330		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Bromobenzene	<0.450		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Bromochloromethane	<0.700		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Bromodichloromethane	<0.390		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Bromoform	<0.540		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Bromomethane	<0.420		ug/L	6123901	6123901-BLK1	12/20/06 11:38
2-Butanone	<3.06		ug/L	6123901	6123901-BLK1	12/20/06 11:38
sec-Butylbenzene	<0.260		ug/L	6123901	6123901-BLK1	12/20/06 11:38
n-Butylbenzene	<0.780		ug/L	6123901	6123901-BLK1	12/20/06 11:38
tert-Butylbenzene	<0.400		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Carbon disulfide	<0.230		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Carbon Tetrachloride	<0.410		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Chlorobenzene	<0.340		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Chlorodibromomethane	<0.480		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Chloroethane	<0.350		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Chloroform	<0.510		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Chloromethane	<0.310		ug/L	6123901	6123901-BLK1	12/20/06 11:38
2-Chlorotoluene	<0.210		ug/L	6123901	6123901-BLK1	12/20/06 11:38
4-Chlorotoluene	<0.410		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2-Dibromoethane (EDB)	<0.320		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Dibromomethane	<0.430		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,4-Dichlorobenzene	<0.360		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,3-Dichlorobenzene	<0.410		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2-Dichlorobenzene	<0.440		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Dichlorodifluoromethane	<0.290		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1-Dichloroethane	<0.600		ug/L	6123901	6123901-BLK1	12/20/06 11:38

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123901-BLK1						
1,2-Dichloroethane	<0.460		ug/L	6123901	6123901-BLK1	12/20/06 11:38
cis-1,2-Dichloroethene	1.30	B3	ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1-Dichloroethene	<0.270		ug/L	6123901	6123901-BLK1	12/20/06 11:38
trans-1,2-Dichloroethene	<0.200		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,3-Dichloropropane	<0.480		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2-Dichloropropane	<0.370		ug/L	6123901	6123901-BLK1	12/20/06 11:38
2,2-Dichloropropane	<0.370		ug/L	6123901	6123901-BLK1	12/20/06 11:38
cis-1,3-Dichloropropene	<0.330		ug/L	6123901	6123901-BLK1	12/20/06 11:38
trans-1,3-Dichloropropene	<0.310		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1-Dichloropropene	<0.280		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Ethylbenzene	<0.420		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Hexachlorobutadiene	<0.660		ug/L	6123901	6123901-BLK1	12/20/06 11:38
2-Hexanone	<2.19		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Isopropylbenzene	<0.410		ug/L	6123901	6123901-BLK1	12/20/06 11:38
p-Isopropyltoluene	<0.320		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Methyl tert-Butyl Ether	<0.310		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Methylene Chloride	<2.10		ug/L	6123901	6123901-BLK1	12/20/06 11:38
4-Methyl-2-pentanone	<4.15		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Naphthalene	<0.650		ug/L	6123901	6123901-BLK1	12/20/06 11:38
n-Propylbenzene	<0.350		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Styrene	<0.390		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Tetrachloroethene	0.990		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Toluene	<0.420		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2,3-Trichlorobenzene	<0.620		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2,4-Trichlorobenzene	<0.620		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1,2-Trichloroethane	<0.570		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,1,1-Trichloroethane	<0.350		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Trichloroethene	1.07	B3	ug/L	6123901	6123901-BLK1	12/20/06 11:38
Trichlorofluoromethane	<0.400		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2,3-Trichloropropane	<0.520		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,3,5-Trimethylbenzene	<0.240		ug/L	6123901	6123901-BLK1	12/20/06 11:38
1,2,4-Trimethylbenzene	<0.350		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Vinyl chloride	<0.260		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Xylenes, total	<0.450		ug/L	6123901	6123901-BLK1	12/20/06 11:38
Surrogate: 1,2-Dichloroethane-d4	90%			6123901	6123901-BLK1	12/20/06 11:38
Surrogate: Dibromofluoromethane	94%			6123901	6123901-BLK1	12/20/06 11:38
Surrogate: Toluene-d8	92%			6123901	6123901-BLK1	12/20/06 11:38
Surrogate: 4-Bromofluorobenzene	95%			6123901	6123901-BLK1	12/20/06 11:38
6123933-BLK1						

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123933-BLK1						
Acetone	<7.41		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Benzene	<0.330		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Bromobenzene	<0.450		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Bromochloromethane	<0.700		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Bromodichloromethane	<0.390		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Bromoform	<0.540		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Bromomethane	<0.420		ug/L	6123933	6123933-BLK1	12/20/06 23:01
2-Butanone	<3.06		ug/L	6123933	6123933-BLK1	12/20/06 23:01
sec-Butylbenzene	<0.260		ug/L	6123933	6123933-BLK1	12/20/06 23:01
n-Butylbenzene	<0.780		ug/L	6123933	6123933-BLK1	12/20/06 23:01
tert-Butylbenzene	<0.400		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Carbon disulfide	<0.230		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Carbon Tetrachloride	<0.410		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Chlorobenzene	<0.340		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Chlorodibromomethane	<0.480		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Chloroethane	<0.350		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Chloroform	<0.510		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Chloromethane	<0.310		ug/L	6123933	6123933-BLK1	12/20/06 23:01
2-Chlorotoluene	<0.210		ug/L	6123933	6123933-BLK1	12/20/06 23:01
4-Chlorotoluene	<0.410		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2-Dibromoethane (EDB)	<0.320		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Dibromomethane	<0.430		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,4-Dichlorobenzene	<0.360		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,3-Dichlorobenzene	<0.410		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2-Dichlorobenzene	<0.440		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Dichlorodifluoromethane	<0.290		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1-Dichloroethane	<0.600		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2-Dichloroethane	<0.460		ug/L	6123933	6123933-BLK1	12/20/06 23:01
cis-1,2-Dichloroethene	<0.540		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1-Dichloroethene	<0.270		ug/L	6123933	6123933-BLK1	12/20/06 23:01
trans-1,2-Dichloroethene	<0.200		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,3-Dichloropropane	<0.480		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2-Dichloropropane	<0.370		ug/L	6123933	6123933-BLK1	12/20/06 23:01
2,2-Dichloropropane	<0.370		ug/L	6123933	6123933-BLK1	12/20/06 23:01
cis-1,3-Dichloropropene	<0.330		ug/L	6123933	6123933-BLK1	12/20/06 23:01
trans-1,3-Dichloropropene	<0.310		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1-Dichloropropene	<0.280		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Ethylbenzene	<0.420		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Hexachlorobutadiene	<0.660		ug/L	6123933	6123933-BLK1	12/20/06 23:01
2-Hexanone	<2.19		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Isopropylbenzene	<0.410		ug/L	6123933	6123933-BLK1	12/20/06 23:01

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6123933-BLK1						
p-Isopropyltoluene	<0.320		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Methyl tert-Butyl Ether	<0.310		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Methylene Chloride	<2.10		ug/L	6123933	6123933-BLK1	12/20/06 23:01
4-Methyl-2-pentanone	<4.15		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Naphthalene	<0.650		ug/L	6123933	6123933-BLK1	12/20/06 23:01
n-Propylbenzene	<0.350		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Styrene	<0.390		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Tetrachloroethene	1.03	B3	ug/L	6123933	6123933-BLK1	12/20/06 23:01
Toluene	<0.420		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2,3-Trichlorobenzene	<0.620		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2,4-Trichlorobenzene	<0.620		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1,2-Trichloroethane	<0.570		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,1,1-Trichloroethane	<0.350		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Trichloroethene	<0.510		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Trichlorofluoromethane	<0.400		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2,3-Trichloropropane	<0.520		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,3,5-Trimethylbenzene	<0.240		ug/L	6123933	6123933-BLK1	12/20/06 23:01
1,2,4-Trimethylbenzene	<0.350		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Vinyl chloride	<0.260		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Xylenes, total	<0.450		ug/L	6123933	6123933-BLK1	12/20/06 23:01
Surrogate: 1,2-Dichloroethane-d4	90%			6123933	6123933-BLK1	12/20/06 23:01
Surrogate: Dibromofluoromethane	96%			6123933	6123933-BLK1	12/20/06 23:01
Surrogate: Toluene-d8	92%			6123933	6123933-BLK1	12/20/06 23:01
Surrogate: 4-Bromofluorobenzene	94%			6123933	6123933-BLK1	12/20/06 23:01
6124073-BLK1						
Acetone	<7.41		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Benzene	<0.330		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromobenzene	<0.450		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromochloromethane	<0.700		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromodichloromethane	<0.390		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromoform	<0.540		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Bromomethane	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Butanone	<3.06		ug/L	6124073	6124073-BLK1	12/21/06 15:36
sec-Butylbenzene	<0.260		ug/L	6124073	6124073-BLK1	12/21/06 15:36
n-Butylbenzene	<0.780		ug/L	6124073	6124073-BLK1	12/21/06 15:36
tert-Butylbenzene	<0.400		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Carbon disulfide	<0.230		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Carbon Tetrachloride	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chlorobenzene	<0.340		ug/L	6124073	6124073-BLK1	12/21/06 15:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124073-BLK1						
Chlorodibromomethane	<0.480		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloroethane	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloroform	<0.510		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Chloromethane	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Chlorotoluene	<0.210		ug/L	6124073	6124073-BLK1	12/21/06 15:36
4-Chlorotoluene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dibromo-3-chloropropane	<1.01		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dibromoethane (EDB)	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Dibromomethane	<0.430		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,4-Dichlorobenzene	<0.360		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3-Dichlorobenzene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichlorobenzene	<0.440		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Dichlorodifluoromethane	<0.290		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloroethane	<0.600		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichloroethane	<0.460		ug/L	6124073	6124073-BLK1	12/21/06 15:36
cis-1,2-Dichloroethene	<0.540		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloroethene	<0.270		ug/L	6124073	6124073-BLK1	12/21/06 15:36
trans-1,2-Dichloroethene	<0.200		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3-Dichloropropane	<0.480		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2-Dichloropropane	<0.370		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2,2-Dichloropropane	<0.370		ug/L	6124073	6124073-BLK1	12/21/06 15:36
cis-1,3-Dichloropropene	<0.330		ug/L	6124073	6124073-BLK1	12/21/06 15:36
trans-1,3-Dichloropropene	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1-Dichloropropene	<0.280		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Ethylbenzene	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Hexachlorobutadiene	<0.660		ug/L	6124073	6124073-BLK1	12/21/06 15:36
2-Hexanone	<2.19		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Isopropylbenzene	<0.410		ug/L	6124073	6124073-BLK1	12/21/06 15:36
p-Isopropyltoluene	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Methyl tert-Butyl Ether	<0.310		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Methylene Chloride	<2.10		ug/L	6124073	6124073-BLK1	12/21/06 15:36
4-Methyl-2-pentanone	<4.15		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Naphthalene	<0.650		ug/L	6124073	6124073-BLK1	12/21/06 15:36
n-Propylbenzene	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Styrene	<0.390		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,1,2-Tetrachloroethane	<0.470		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,2,2-Tetrachloroethane	<0.270		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Tetrachloroethene	<0.320		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Toluene	<0.420		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,3-Trichlorobenzene	<0.620		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,4-Trichlorobenzene	<0.620		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,1,2-Trichloroethane	<0.570		ug/L	6124073	6124073-BLK1	12/21/06 15:36

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6124073-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Trichloroethene	<0.510		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Trichlorofluoromethane	<0.400		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,3-Trichloropropane	<0.520		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,3,5-Trimethylbenzene	<0.240		ug/L	6124073	6124073-BLK1	12/21/06 15:36
1,2,4-Trimethylbenzene	<0.350		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Vinyl chloride	<0.260		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Xylenes, total	<0.450		ug/L	6124073	6124073-BLK1	12/21/06 15:36
Surrogate: 1,2-Dichloroethane-d4	86%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: Dibromofluoromethane	93%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: Toluene-d8	91%			6124073	6124073-BLK1	12/21/06 15:36
Surrogate: 4-Bromofluorobenzene	92%			6124073	6124073-BLK1	12/21/06 15:36

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Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6121748-DUP1									
Total Organic Carbon	13700	13600		mg/L	0.7	20	6121748	NPL2077-01	12/19/06 14:43
6121953-DUP1									
Carbon Dioxide	33.2	31.6		mg/L	5	20	6121953	NPL1575-07	12/13/06 10:28
6121985-DUP1									
Alkalinity, Total (CaCO3)	163	162		mg/L	0.6	20	6121985	NPL1575-05	12/16/06 13:03
6122553-DUP1									
Iron, ferrous	6.57	6.42		mg/L	2	20	6122553	NPL1720-09	12/19/06 22:45
6122625-DUP1									
Chloride	3.19	3.21		mg/L	0.6	20	6122625	NPL1575-07	12/26/06 13:03
Nitrate as N	ND	0.120	H2	mg/L		20	6122625	NPL1575-07	12/26/06 13:03
Sulfate	204	204		mg/L	0	20	6122625	NPL1575-07	12/22/06 14:23
6123540-DUP1									
Sulfide	ND	ND		mg/L		10	6123540	NPL1936-08	12/20/06 19:05

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6121748-BS1								
Total Organic Carbon	200	195		ug/mL	98%	87 - 110	6121748	12/19/06 14:43
6121953-BS1								
Carbon Dioxide	100	99.8		ug/mL	100%	90 - 110	6121953	12/13/06 10:28
6121985-BS1								
Alkalinity, Total (CaCO3)	100	102		ug/mL	102%	90 - 110	6121985	12/16/06 13:03
6122553-BS1								
Iron, ferrous	1.00	1.05		ug/mL	105%	80 - 120	6122553	12/19/06 20:20
6122625-BS1								
Chloride	3.00	3.21		ug/mL	107%	90 - 110	6122625	12/22/06 08:30
Nitrate as N	3.00	3.20		ug/mL	107%	90 - 110	6122625	12/22/06 08:30
Sulfate	15.0	16.3		ug/mL	109%	90 - 110	6122625	12/22/06 08:30
6123540-BS1								
Sulfide	20.0	19.2		ug/mL	96%	90 - 110	6123540	12/20/06 19:05
Methane, Ethane, and Ethene by GC								
6122148-BS1								
Ethane	2500	2430		ug/L	97%	78 - 112	6122148	12/14/06 14:50
Ethene	2340	2260		ug/L	97%	79 - 112	6122148	12/14/06 14:50
Methane	1330	1420		ug/L	107%	85 - 120	6122148	12/14/06 14:50
Surrogate: Acetylene	4320	4330			100%	76 - 122	6122148	12/14/06 14:50
Volatile Organic Compounds by EPA Method 8260B								
6123416-BS1								
Acetone	250	268		ug/L	107%	63 - 147	6123416	12/18/06 14:03
Benzene	50.0	48.2		ug/L	96%	78 - 125	6123416	12/18/06 14:03
Bromobenzene	50.0	49.2		ug/L	98%	71 - 142	6123416	12/18/06 14:03
Bromochloromethane	50.0	53.4		ug/L	107%	76 - 129	6123416	12/18/06 14:03
Bromodichloromethane	50.0	58.1		ug/L	116%	71 - 134	6123416	12/18/06 14:03
Bromoform	50.0	44.9		ug/L	90%	49 - 129	6123416	12/18/06 14:03
Bromomethane	50.0	62.3		ug/L	125%	42 - 154	6123416	12/18/06 14:03
2-Butanone	250	277		ug/L	111%	74 - 130	6123416	12/18/06 14:03
sec-Butylbenzene	50.0	49.3		ug/L	99%	78 - 129	6123416	12/18/06 14:03
n-Butylbenzene	50.0	50.4		ug/L	101%	68 - 138	6123416	12/18/06 14:03
tert-Butylbenzene	50.0	49.0		ug/L	98%	79 - 128	6123416	12/18/06 14:03
Carbon disulfide	50.0	45.8		ug/L	92%	65 - 122	6123416	12/18/06 14:03
Carbon Tetrachloride	50.0	53.4		ug/L	107%	62 - 142	6123416	12/18/06 14:03
Chlorobenzene	50.0	47.6		ug/L	95%	82 - 125	6123416	12/18/06 14:03

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123416-BS1								
Chlorodibromomethane	50.0	49.5		ug/L	99%	67 - 135	6123416	12/18/06 14:03
Chloroethane	50.0	47.7		ug/L	95%	57 - 138	6123416	12/18/06 14:03
Chloroform	50.0	49.2		ug/L	98%	75 - 122	6123416	12/18/06 14:03
Chloromethane	50.0	40.0		ug/L	80%	31 - 147	6123416	12/18/06 14:03
2-Chlorotoluene	50.0	48.7		ug/L	97%	74 - 135	6123416	12/18/06 14:03
4-Chlorotoluene	50.0	47.9		ug/L	96%	74 - 133	6123416	12/18/06 14:03
1,2-Dibromo-3-chloropropane	50.0	48.3		ug/L	97%	45 - 140	6123416	12/18/06 14:03
1,2-Dibromoethane (EDB)	50.0	49.5		ug/L	99%	80 - 132	6123416	12/18/06 14:03
Dibromomethane	50.0	54.4		ug/L	109%	69 - 132	6123416	12/18/06 14:03
1,4-Dichlorobenzene	50.0	48.9		ug/L	98%	79 - 125	6123416	12/18/06 14:03
1,3-Dichlorobenzene	50.0	49.7		ug/L	99%	77 - 132	6123416	12/18/06 14:03
1,2-Dichlorobenzene	50.0	50.7		ug/L	101%	82 - 133	6123416	12/18/06 14:03
Dichlorodifluoromethane	50.0	43.5		ug/L	87%	34 - 120	6123416	12/18/06 14:03
1,1-Dichloroethane	50.0	51.8		ug/L	104%	79 - 120	6123416	12/18/06 14:03
1,2-Dichloroethane	50.0	49.5		ug/L	99%	64 - 134	6123416	12/18/06 14:03
cis-1,2-Dichloroethene	50.0	48.8		ug/L	98%	71 - 126	6123416	12/18/06 14:03
1,1-Dichloroethene	50.0	52.9		ug/L	106%	71 - 123	6123416	12/18/06 14:03
trans-1,2-Dichloroethene	50.0	53.7		ug/L	107%	74 - 127	6123416	12/18/06 14:03
1,3-Dichloropropane	50.0	47.4		ug/L	95%	80 - 128	6123416	12/18/06 14:03
1,2-Dichloropropane	50.0	50.1		ug/L	100%	73 - 120	6123416	12/18/06 14:03
2,2-Dichloropropane	50.0	48.8		ug/L	98%	25 - 156	6123416	12/18/06 14:03
cis-1,3-Dichloropropene	50.0	50.0		ug/L	100%	70 - 135	6123416	12/18/06 14:03
trans-1,3-Dichloropropene	50.0	51.8		ug/L	104%	61 - 124	6123416	12/18/06 14:03
1,1-Dichloropropene	50.0	48.5		ug/L	97%	79 - 138	6123416	12/18/06 14:03
Ethylbenzene	50.0	47.3		ug/L	95%	73 - 134	6123416	12/18/06 14:03
Hexachlorobutadiene	50.0	51.8		ug/L	104%	58 - 145	6123416	12/18/06 14:03
2-Hexanone	250	292		ug/L	117%	72 - 136	6123416	12/18/06 14:03
Isopropylbenzene	50.0	44.6		ug/L	89%	74 - 121	6123416	12/18/06 14:03
p-Isopropyltoluene	50.0	48.4		ug/L	97%	70 - 133	6123416	12/18/06 14:03
Methyl tert-Butyl Ether	50.0	51.8		ug/L	104%	69 - 122	6123416	12/18/06 14:03
Methylene Chloride	50.0	57.1		ug/L	114%	75 - 127	6123416	12/18/06 14:03
4-Methyl-2-pentanone	250	264		ug/L	106%	77 - 132	6123416	12/18/06 14:03
Naphthalene	50.0	51.8		ug/L	104%	65 - 145	6123416	12/18/06 14:03
n-Propylbenzene	50.0	49.0		ug/L	98%	76 - 133	6123416	12/18/06 14:03
Styrene	50.0	57.8		ug/L	116%	80 - 145	6123416	12/18/06 14:03
1,1,1,2-Tetrachloroethane	50.0	53.4		ug/L	107%	72 - 136	6123416	12/18/06 14:03
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L	105%	71 - 137	6123416	12/18/06 14:03
Tetrachloroethene	50.0	45.2		ug/L	90%	70 - 131	6123416	12/18/06 14:03
Toluene	50.0	46.8		ug/L	94%	78 - 122	6123416	12/18/06 14:03
1,2,3-Trichlorobenzene	50.0	51.7		ug/L	103%	60 - 144	6123416	12/18/06 14:03
1,2,4-Trichlorobenzene	50.0	51.4		ug/L	103%	63 - 140	6123416	12/18/06 14:03

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123416-BS1								
1,1,2-Trichloroethane	50.0	48.6		ug/L	97%	81 - 127	6123416	12/18/06 14:03
1,1,1-Trichloroethane	50.0	50.1		ug/L	100%	69 - 128	6123416	12/18/06 14:03
Trichloroethene	50.0	52.7		ug/L	105%	73 - 133	6123416	12/18/06 14:03
Trichlorofluoromethane	50.0	44.6		ug/L	89%	49 - 139	6123416	12/18/06 14:03
1,2,3-Trichloropropane	50.0	44.8		ug/L	90%	52 - 151	6123416	12/18/06 14:03
1,3,5-Trimethylbenzene	50.0	49.7		ug/L	99%	72 - 136	6123416	12/18/06 14:03
1,2,4-Trimethylbenzene	50.0	49.2		ug/L	98%	73 - 134	6123416	12/18/06 14:03
Vinyl chloride	50.0	47.0		ug/L	94%	54 - 137	6123416	12/18/06 14:03
Xylenes, total	150	140		ug/L	93%	79 - 130	6123416	12/18/06 14:03
Surrogate: 1,2-Dichloroethane-d4	25.0	22.9			92%	62 - 142	6123416	12/18/06 14:03
Surrogate: Dibromofluoromethane	25.0	24.0			96%	78 - 123	6123416	12/18/06 14:03
Surrogate: Toluene-d8	25.0	22.7			91%	79 - 120	6123416	12/18/06 14:03
Surrogate: 4-Bromofluorobenzene	25.0	23.5			94%	75 - 133	6123416	12/18/06 14:03
6123901-BS1								
Acetone	250	230		ug/L	92%	63 - 147	6123901	12/20/06 10:00
Benzene	50.0	49.0		ug/L	98%	78 - 125	6123901	12/20/06 10:00
Bromobenzene	50.0	47.5		ug/L	95%	71 - 142	6123901	12/20/06 10:00
Bromochloromethane	50.0	43.8		ug/L	88%	76 - 129	6123901	12/20/06 10:00
Bromodichloromethane	50.0	57.0		ug/L	114%	71 - 134	6123901	12/20/06 10:00
Bromoform	50.0	43.6		ug/L	87%	49 - 129	6123901	12/20/06 10:00
Bromomethane	50.0	62.2		ug/L	124%	42 - 154	6123901	12/20/06 10:00
2-Butanone	250	259		ug/L	104%	74 - 130	6123901	12/20/06 10:00
sec-Butylbenzene	50.0	49.2		ug/L	98%	78 - 129	6123901	12/20/06 10:00
n-Butylbenzene	50.0	50.2		ug/L	100%	68 - 138	6123901	12/20/06 10:00
tert-Butylbenzene	50.0	48.7		ug/L	97%	79 - 128	6123901	12/20/06 10:00
Carbon disulfide	50.0	42.3		ug/L	85%	65 - 122	6123901	12/20/06 10:00
Carbon Tetrachloride	50.0	51.5		ug/L	103%	62 - 142	6123901	12/20/06 10:00
Chlorobenzene	50.0	48.6		ug/L	97%	82 - 125	6123901	12/20/06 10:00
Chlorodibromomethane	50.0	46.1		ug/L	92%	67 - 135	6123901	12/20/06 10:00
Chloroethane	50.0	43.2		ug/L	86%	57 - 138	6123901	12/20/06 10:00
Chloroform	50.0	47.1		ug/L	94%	75 - 122	6123901	12/20/06 10:00
Chloromethane	50.0	44.7		ug/L	89%	31 - 147	6123901	12/20/06 10:00
2-Chlorotoluene	50.0	48.4		ug/L	97%	74 - 135	6123901	12/20/06 10:00
4-Chlorotoluene	50.0	47.9		ug/L	96%	74 - 133	6123901	12/20/06 10:00
1,2-Dibromo-3-chloropropane	50.0	45.8		ug/L	92%	45 - 140	6123901	12/20/06 10:00
1,2-Dibromoethane (EDB)	50.0	44.4		ug/L	89%	80 - 132	6123901	12/20/06 10:00
Dibromomethane	50.0	48.6		ug/L	97%	69 - 132	6123901	12/20/06 10:00
1,4-Dichlorobenzene	50.0	48.3		ug/L	97%	79 - 125	6123901	12/20/06 10:00
1,3-Dichlorobenzene	50.0	50.0		ug/L	100%	77 - 132	6123901	12/20/06 10:00
1,2-Dichlorobenzene	50.0	50.0		ug/L	100%	82 - 133	6123901	12/20/06 10:00
Dichlorodifluoromethane	50.0	24.6		ug/L	49%	34 - 120	6123901	12/20/06 10:00

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123901-BS1								
1,1-Dichloroethane	50.0	44.4		ug/L	89%	79 - 120	6123901	12/20/06 10:00
1,2-Dichloroethane	50.0	47.6		ug/L	95%	64 - 134	6123901	12/20/06 10:00
cis-1,2-Dichloroethene	50.0	47.8	B	ug/L	96%	71 - 126	6123901	12/20/06 10:00
1,1-Dichloroethene	50.0	48.2		ug/L	96%	71 - 123	6123901	12/20/06 10:00
trans-1,2-Dichloroethene	50.0	46.4		ug/L	93%	74 - 127	6123901	12/20/06 10:00
1,3-Dichloropropane	50.0	43.7		ug/L	87%	80 - 128	6123901	12/20/06 10:00
1,2-Dichloropropane	50.0	49.7		ug/L	99%	73 - 120	6123901	12/20/06 10:00
2,2-Dichloropropane	50.0	44.9		ug/L	90%	25 - 156	6123901	12/20/06 10:00
cis-1,3-Dichloropropene	50.0	43.7		ug/L	87%	70 - 135	6123901	12/20/06 10:00
trans-1,3-Dichloropropene	50.0	44.1		ug/L	88%	61 - 124	6123901	12/20/06 10:00
1,1-Dichloropropene	50.0	48.6		ug/L	97%	79 - 138	6123901	12/20/06 10:00
Ethylbenzene	50.0	48.1		ug/L	96%	73 - 134	6123901	12/20/06 10:00
Hexachlorobutadiene	50.0	53.4		ug/L	107%	58 - 145	6123901	12/20/06 10:00
2-Hexanone	250	264		ug/L	106%	72 - 136	6123901	12/20/06 10:00
Isopropylbenzene	50.0	47.3		ug/L	95%	74 - 121	6123901	12/20/06 10:00
p-Isopropyltoluene	50.0	48.4		ug/L	97%	70 - 133	6123901	12/20/06 10:00
Methyl tert-Butyl Ether	50.0	36.2		ug/L	72%	69 - 122	6123901	12/20/06 10:00
Methylene Chloride	50.0	43.5		ug/L	87%	75 - 127	6123901	12/20/06 10:00
4-Methyl-2-pentanone	250	231		ug/L	92%	77 - 132	6123901	12/20/06 10:00
Naphthalene	50.0	50.2		ug/L	100%	65 - 145	6123901	12/20/06 10:00
n-Propylbenzene	50.0	47.9		ug/L	96%	76 - 133	6123901	12/20/06 10:00
Styrene	50.0	60.8		ug/L	122%	80 - 145	6123901	12/20/06 10:00
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/L	101%	72 - 136	6123901	12/20/06 10:00
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/L	99%	71 - 137	6123901	12/20/06 10:00
Tetrachloroethene	50.0	45.9		ug/L	92%	70 - 131	6123901	12/20/06 10:00
Toluene	50.0	45.6		ug/L	91%	78 - 122	6123901	12/20/06 10:00
1,2,3-Trichlorobenzene	50.0	51.1		ug/L	102%	60 - 144	6123901	12/20/06 10:00
1,2,4-Trichlorobenzene	50.0	50.8		ug/L	102%	63 - 140	6123901	12/20/06 10:00
1,1,2-Trichloroethane	50.0	45.0		ug/L	90%	81 - 127	6123901	12/20/06 10:00
1,1,1-Trichloroethane	50.0	49.6		ug/L	99%	69 - 128	6123901	12/20/06 10:00
Trichloroethene	50.0	54.4	B	ug/L	109%	73 - 133	6123901	12/20/06 10:00
Trichlorofluoromethane	50.0	41.0		ug/L	82%	49 - 139	6123901	12/20/06 10:00
1,2,3-Trichloropropane	50.0	39.2		ug/L	78%	52 - 151	6123901	12/20/06 10:00
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	72 - 136	6123901	12/20/06 10:00
1,2,4-Trimethylbenzene	50.0	48.8		ug/L	98%	73 - 134	6123901	12/20/06 10:00
Vinyl chloride	50.0	46.8		ug/L	94%	54 - 137	6123901	12/20/06 10:00
Xylenes, total	150	147		ug/L	98%	79 - 130	6123901	12/20/06 10:00
Surrogate: 1,2-Dichloroethane-d4	25.0	21.0			84%	62 - 142	6123901	12/20/06 10:00
Surrogate: Dibromofluoromethane	25.0	22.5			90%	78 - 123	6123901	12/20/06 10:00
Surrogate: Toluene-d8	25.0	21.7			87%	79 - 120	6123901	12/20/06 10:00
Surrogate: 4-Bromofluorobenzene	25.0	23.4			94%	75 - 133	6123901	12/20/06 10:00

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123933-BS1								
Acetone	250	221		ug/L	88%	63 - 147	6123933	12/20/06 21:48
Benzene	50.0	49.1		ug/L	98%	78 - 125	6123933	12/20/06 21:48
Bromobenzene	50.0	47.1		ug/L	94%	71 - 142	6123933	12/20/06 21:48
Bromochloromethane	50.0	44.2		ug/L	88%	76 - 129	6123933	12/20/06 21:48
Bromodichloromethane	50.0	57.2		ug/L	114%	71 - 134	6123933	12/20/06 21:48
Bromoform	50.0	43.6		ug/L	87%	49 - 129	6123933	12/20/06 21:48
Bromomethane	50.0	64.0		ug/L	128%	42 - 154	6123933	12/20/06 21:48
2-Butanone	250	252		ug/L	101%	74 - 130	6123933	12/20/06 21:48
sec-Butylbenzene	50.0	48.2		ug/L	96%	78 - 129	6123933	12/20/06 21:48
n-Butylbenzene	50.0	47.4		ug/L	95%	68 - 138	6123933	12/20/06 21:48
tert-Butylbenzene	50.0	48.6		ug/L	97%	79 - 128	6123933	12/20/06 21:48
Carbon disulfide	50.0	42.9		ug/L	86%	65 - 122	6123933	12/20/06 21:48
Carbon Tetrachloride	50.0	51.4		ug/L	103%	62 - 142	6123933	12/20/06 21:48
Chlorobenzene	50.0	47.7		ug/L	95%	82 - 125	6123933	12/20/06 21:48
Chlorodibromomethane	50.0	45.2		ug/L	90%	67 - 135	6123933	12/20/06 21:48
Chloroethane	50.0	45.6		ug/L	91%	57 - 138	6123933	12/20/06 21:48
Chloroform	50.0	47.5		ug/L	95%	75 - 122	6123933	12/20/06 21:48
Chloromethane	50.0	38.2		ug/L	76%	31 - 147	6123933	12/20/06 21:48
2-Chlorotoluene	50.0	48.1		ug/L	96%	74 - 135	6123933	12/20/06 21:48
4-Chlorotoluene	50.0	46.8		ug/L	94%	74 - 133	6123933	12/20/06 21:48
1,2-Dibromo-3-chloropropane	50.0	43.3		ug/L	87%	45 - 140	6123933	12/20/06 21:48
1,2-Dibromoethane (EDB)	50.0	44.1		ug/L	88%	80 - 132	6123933	12/20/06 21:48
Dibromomethane	50.0	48.9		ug/L	98%	69 - 132	6123933	12/20/06 21:48
1,4-Dichlorobenzene	50.0	48.0		ug/L	96%	79 - 125	6123933	12/20/06 21:48
1,3-Dichlorobenzene	50.0	48.2		ug/L	96%	77 - 132	6123933	12/20/06 21:48
1,2-Dichlorobenzene	50.0	49.1		ug/L	98%	82 - 133	6123933	12/20/06 21:48
Dichlorodifluoromethane	50.0	25.0		ug/L	50%	34 - 120	6123933	12/20/06 21:48
1,1-Dichloroethane	50.0	45.4		ug/L	91%	79 - 120	6123933	12/20/06 21:48
1,2-Dichloroethane	50.0	47.4		ug/L	95%	64 - 134	6123933	12/20/06 21:48
cis-1,2-Dichloroethene	50.0	46.3		ug/L	93%	71 - 126	6123933	12/20/06 21:48
1,1-Dichloroethene	50.0	48.4		ug/L	97%	71 - 123	6123933	12/20/06 21:48
trans-1,2-Dichloroethene	50.0	46.8		ug/L	94%	74 - 127	6123933	12/20/06 21:48
1,3-Dichloropropane	50.0	43.6		ug/L	87%	80 - 128	6123933	12/20/06 21:48
1,2-Dichloropropane	50.0	49.9		ug/L	100%	73 - 120	6123933	12/20/06 21:48
2,2-Dichloropropane	50.0	38.6		ug/L	77%	25 - 156	6123933	12/20/06 21:48
cis-1,3-Dichloropropene	50.0	42.4		ug/L	85%	70 - 135	6123933	12/20/06 21:48
trans-1,3-Dichloropropene	50.0	42.4		ug/L	85%	61 - 124	6123933	12/20/06 21:48
1,1-Dichloropropene	50.0	48.4		ug/L	97%	79 - 138	6123933	12/20/06 21:48
Ethylbenzene	50.0	47.0		ug/L	94%	73 - 134	6123933	12/20/06 21:48
Hexachlorobutadiene	50.0	50.0		ug/L	100%	58 - 145	6123933	12/20/06 21:48
2-Hexanone	250	248		ug/L	99%	72 - 136	6123933	12/20/06 21:48

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6123933-BS1								
Isopropylbenzene	50.0	46.0		ug/L	92%	74 - 121	6123933	12/20/06 21:48
p-Isopropyltoluene	50.0	46.9		ug/L	94%	70 - 133	6123933	12/20/06 21:48
Methyl tert-Butyl Ether	50.0	39.3		ug/L	79%	69 - 122	6123933	12/20/06 21:48
Methylene Chloride	50.0	45.8		ug/L	92%	75 - 127	6123933	12/20/06 21:48
4-Methyl-2-pentanone	250	226		ug/L	90%	77 - 132	6123933	12/20/06 21:48
Naphthalene	50.0	48.5		ug/L	97%	65 - 145	6123933	12/20/06 21:48
n-Propylbenzene	50.0	47.3		ug/L	95%	76 - 133	6123933	12/20/06 21:48
Styrene	50.0	58.8		ug/L	118%	80 - 145	6123933	12/20/06 21:48
1,1,1,2-Tetrachloroethane	50.0	50.0		ug/L	100%	72 - 136	6123933	12/20/06 21:48
1,1,2,2-Tetrachloroethane	50.0	49.4		ug/L	99%	71 - 137	6123933	12/20/06 21:48
Tetrachloroethene	50.0	44.1	B	ug/L	88%	70 - 131	6123933	12/20/06 21:48
Toluene	50.0	45.2		ug/L	90%	78 - 122	6123933	12/20/06 21:48
1,2,3-Trichlorobenzene	50.0	48.9		ug/L	98%	60 - 144	6123933	12/20/06 21:48
1,2,4-Trichlorobenzene	50.0	48.0		ug/L	96%	63 - 140	6123933	12/20/06 21:48
1,1,2-Trichloroethane	50.0	44.2		ug/L	88%	81 - 127	6123933	12/20/06 21:48
1,1,1-Trichloroethane	50.0	50.1		ug/L	100%	69 - 128	6123933	12/20/06 21:48
Trichloroethene	50.0	52.3		ug/L	105%	73 - 133	6123933	12/20/06 21:48
Trichlorofluoromethane	50.0	41.4		ug/L	83%	49 - 139	6123933	12/20/06 21:48
1,2,3-Trichloropropane	50.0	38.7		ug/L	77%	52 - 151	6123933	12/20/06 21:48
1,3,5-Trimethylbenzene	50.0	48.6		ug/L	97%	72 - 136	6123933	12/20/06 21:48
1,2,4-Trimethylbenzene	50.0	47.9		ug/L	96%	73 - 134	6123933	12/20/06 21:48
Vinyl chloride	50.0	47.8		ug/L	96%	54 - 137	6123933	12/20/06 21:48
Xylenes, total	150	142		ug/L	95%	79 - 130	6123933	12/20/06 21:48
Surrogate: 1,2-Dichloroethane-d4	25.0	21.0			84%	62 - 142	6123933	12/20/06 21:48
Surrogate: Dibromofluoromethane	25.0	22.4			90%	78 - 123	6123933	12/20/06 21:48
Surrogate: Toluene-d8	25.0	21.6			86%	79 - 120	6123933	12/20/06 21:48
Surrogate: 4-Bromofluorobenzene	25.0	23.6			94%	75 - 133	6123933	12/20/06 21:48
6124073-BS1								
Acetone	250	197		ug/L	79%	63 - 147	6124073	12/21/06 13:58
Benzene	50.0	47.7		ug/L	95%	78 - 125	6124073	12/21/06 13:58
Bromobenzene	50.0	45.9		ug/L	92%	71 - 142	6124073	12/21/06 13:58
Bromochloromethane	50.0	49.3		ug/L	99%	76 - 129	6124073	12/21/06 13:58
Bromodichloromethane	50.0	55.6		ug/L	111%	71 - 134	6124073	12/21/06 13:58
Bromoform	50.0	39.2		ug/L	78%	49 - 129	6124073	12/21/06 13:58
Bromomethane	50.0	60.3		ug/L	121%	42 - 154	6124073	12/21/06 13:58
2-Butanone	250	265		ug/L	106%	74 - 130	6124073	12/21/06 13:58
sec-Butylbenzene	50.0	46.5		ug/L	93%	78 - 129	6124073	12/21/06 13:58
n-Butylbenzene	50.0	46.7		ug/L	93%	68 - 138	6124073	12/21/06 13:58
tert-Butylbenzene	50.0	45.8		ug/L	92%	79 - 128	6124073	12/21/06 13:58
Carbon disulfide	50.0	35.6		ug/L	71%	65 - 122	6124073	12/21/06 13:58
Carbon Tetrachloride	50.0	50.0		ug/L	100%	62 - 142	6124073	12/21/06 13:58

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPL1575
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124073-BS1								
Chlorobenzene	50.0	46.9		ug/L	94%	82 - 125	6124073	12/21/06 13:58
Chlorodibromomethane	50.0	44.2		ug/L	88%	67 - 135	6124073	12/21/06 13:58
Chloroethane	50.0	43.3		ug/L	87%	57 - 138	6124073	12/21/06 13:58
Chloroform	50.0	47.3		ug/L	95%	75 - 122	6124073	12/21/06 13:58
Chloromethane	50.0	33.6		ug/L	67%	31 - 147	6124073	12/21/06 13:58
2-Chlorotoluene	50.0	46.0		ug/L	92%	74 - 135	6124073	12/21/06 13:58
4-Chlorotoluene	50.0	45.4		ug/L	91%	74 - 133	6124073	12/21/06 13:58
1,2-Dibromo-3-chloropropane	50.0	42.2		ug/L	84%	45 - 140	6124073	12/21/06 13:58
1,2-Dibromoethane (EDB)	50.0	45.8		ug/L	92%	80 - 132	6124073	12/21/06 13:58
Dibromomethane	50.0	51.8		ug/L	104%	69 - 132	6124073	12/21/06 13:58
1,4-Dichlorobenzene	50.0	46.3		ug/L	93%	79 - 125	6124073	12/21/06 13:58
1,3-Dichlorobenzene	50.0	47.3		ug/L	95%	77 - 132	6124073	12/21/06 13:58
1,2-Dichlorobenzene	50.0	47.4		ug/L	95%	82 - 133	6124073	12/21/06 13:58
Dichlorodifluoromethane	50.0	24.2		ug/L	48%	34 - 120	6124073	12/21/06 13:58
1,1-Dichloroethane	50.0	45.9		ug/L	92%	79 - 120	6124073	12/21/06 13:58
1,2-Dichloroethane	50.0	46.4		ug/L	93%	64 - 134	6124073	12/21/06 13:58
cis-1,2-Dichloroethene	50.0	47.4		ug/L	95%	71 - 126	6124073	12/21/06 13:58
1,1-Dichloroethene	50.0	42.6		ug/L	85%	71 - 123	6124073	12/21/06 13:58
trans-1,2-Dichloroethene	50.0	44.0		ug/L	88%	74 - 127	6124073	12/21/06 13:58
1,3-Dichloropropane	50.0	44.0		ug/L	88%	80 - 128	6124073	12/21/06 13:58
1,2-Dichloropropane	50.0	49.8		ug/L	100%	73 - 120	6124073	12/21/06 13:58
2,2-Dichloropropane	50.0	44.7		ug/L	89%	25 - 156	6124073	12/21/06 13:58
cis-1,3-Dichloropropene	50.0	46.9		ug/L	94%	70 - 135	6124073	12/21/06 13:58
trans-1,3-Dichloropropene	50.0	47.9		ug/L	96%	61 - 124	6124073	12/21/06 13:58
1,1-Dichloropropene	50.0	46.7		ug/L	93%	79 - 138	6124073	12/21/06 13:58
Ethylbenzene	50.0	45.6		ug/L	91%	73 - 134	6124073	12/21/06 13:58
Hexachlorobutadiene	50.0	47.9		ug/L	96%	58 - 145	6124073	12/21/06 13:58
2-Hexanone	250	262		ug/L	105%	72 - 136	6124073	12/21/06 13:58
Isopropylbenzene	50.0	44.0		ug/L	88%	74 - 121	6124073	12/21/06 13:58
p-Isopropyltoluene	50.0	45.5		ug/L	91%	70 - 133	6124073	12/21/06 13:58
Methyl tert-Butyl Ether	50.0	40.8		ug/L	82%	69 - 122	6124073	12/21/06 13:58
Methylene Chloride	50.0	45.0		ug/L	90%	75 - 127	6124073	12/21/06 13:58
4-Methyl-2-pentanone	250	239		ug/L	96%	77 - 132	6124073	12/21/06 13:58
Naphthalene	50.0	48.6		ug/L	97%	65 - 145	6124073	12/21/06 13:58
n-Propylbenzene	50.0	46.2		ug/L	92%	76 - 133	6124073	12/21/06 13:58
Styrene	50.0	57.5		ug/L	115%	80 - 145	6124073	12/21/06 13:58
1,1,1,2-Tetrachloroethane	50.0	50.6		ug/L	101%	72 - 136	6124073	12/21/06 13:58
1,1,2,2-Tetrachloroethane	50.0	47.9		ug/L	96%	71 - 137	6124073	12/21/06 13:58
Tetrachloroethene	50.0	42.6		ug/L	85%	70 - 131	6124073	12/21/06 13:58
Toluene	50.0	45.4		ug/L	91%	78 - 122	6124073	12/21/06 13:58
1,2,3-Trichlorobenzene	50.0	47.8		ug/L	96%	60 - 144	6124073	12/21/06 13:58

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6124073-BS1								
1,2,4-Trichlorobenzene	50.0	47.6		ug/L	95%	63 - 140	6124073	12/21/06 13:58
1,1,2-Trichloroethane	50.0	44.6		ug/L	89%	81 - 127	6124073	12/21/06 13:58
1,1,1-Trichloroethane	50.0	46.4		ug/L	93%	69 - 128	6124073	12/21/06 13:58
Trichloroethene	50.0	50.7		ug/L	101%	73 - 133	6124073	12/21/06 13:58
Trichlorofluoromethane	50.0	36.1		ug/L	72%	49 - 139	6124073	12/21/06 13:58
1,2,3-Trichloropropane	50.0	38.3		ug/L	77%	52 - 151	6124073	12/21/06 13:58
1,3,5-Trimethylbenzene	50.0	47.0		ug/L	94%	72 - 136	6124073	12/21/06 13:58
1,2,4-Trimethylbenzene	50.0	46.7		ug/L	93%	73 - 134	6124073	12/21/06 13:58
Vinyl chloride	50.0	45.5		ug/L	91%	54 - 137	6124073	12/21/06 13:58
Xylenes, total	150	137		ug/L	91%	79 - 130	6124073	12/21/06 13:58
Surrogate: 1,2-Dichloroethane-d4	25.0	21.2			85%	62 - 142	6124073	12/21/06 13:58
Surrogate: Dibromofluoromethane	25.0	22.9			92%	78 - 123	6124073	12/21/06 13:58
Surrogate: Toluene-d8	25.0	22.4			90%	79 - 120	6124073	12/21/06 13:58
Surrogate: 4-Bromofluorobenzene	25.0	23.6			94%	75 - 133	6124073	12/21/06 13:58

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123901-BSD1												
Acetone		232		ug/L	250	93%	63 - 147	0.9	22	6123901		12/20/06 10:25
Benzene		49.3		ug/L	50.0	99%	78 - 125	0.6	15	6123901		12/20/06 10:25
Bromobenzene		49.3		ug/L	50.0	99%	71 - 142	4	17	6123901		12/20/06 10:25
Bromochloromethane		44.3		ug/L	50.0	89%	76 - 129	1	15	6123901		12/20/06 10:25
Bromodichloromethane		57.4		ug/L	50.0	115%	71 - 134	0.7	17	6123901		12/20/06 10:25
Bromoform		44.2		ug/L	50.0	88%	49 - 129	1	19	6123901		12/20/06 10:25
Bromomethane		67.7		ug/L	50.0	135%	42 - 154	8	41	6123901		12/20/06 10:25
2-Butanone		258		ug/L	250	103%	74 - 130	0.4	17	6123901		12/20/06 10:25
sec-Butylbenzene		50.4		ug/L	50.0	101%	78 - 129	2	21	6123901		12/20/06 10:25
n-Butylbenzene		50.9		ug/L	50.0	102%	68 - 138	1	23	6123901		12/20/06 10:25
tert-Butylbenzene		49.6		ug/L	50.0	99%	79 - 128	2	20	6123901		12/20/06 10:25
Carbon disulfide		43.1		ug/L	50.0	86%	65 - 122	2	50	6123901		12/20/06 10:25
Carbon Tetrachloride		51.0		ug/L	50.0	102%	62 - 142	1	18	6123901		12/20/06 10:25
Chlorobenzene		48.3		ug/L	50.0	97%	82 - 125	0.6	15	6123901		12/20/06 10:25
Chlorodibromomethane		46.9		ug/L	50.0	94%	67 - 135	2	18	6123901		12/20/06 10:25
Chloroethane		45.3		ug/L	50.0	91%	57 - 138	5	36	6123901		12/20/06 10:25
Chloroform		47.5		ug/L	50.0	95%	75 - 122	0.8	16	6123901		12/20/06 10:25
Chloromethane		41.1		ug/L	50.0	82%	31 - 147	8	46	6123901		12/20/06 10:25
2-Chlorotoluene		49.7		ug/L	50.0	99%	74 - 135	3	17	6123901		12/20/06 10:25
4-Chlorotoluene		49.2		ug/L	50.0	98%	74 - 133	3	16	6123901		12/20/06 10:25
1,2-Dibromo-3-chloropropane		46.2		ug/L	50.0	92%	45 - 140	0.9	20	6123901		12/20/06 10:25
1,2-Dibromoethane (EDB)		44.9		ug/L	50.0	90%	80 - 132	1	16	6123901		12/20/06 10:25
Dibromomethane		49.6		ug/L	50.0	99%	69 - 132	2	16	6123901		12/20/06 10:25
1,4-Dichlorobenzene		49.8		ug/L	50.0	100%	79 - 125	3	16	6123901		12/20/06 10:25
1,3-Dichlorobenzene		50.5		ug/L	50.0	101%	77 - 132	1	17	6123901		12/20/06 10:25
1,2-Dichlorobenzene		50.8		ug/L	50.0	102%	82 - 133	2	16	6123901		12/20/06 10:25
Dichlorodifluoromethane		25.4		ug/L	50.0	51%	34 - 120	3	21	6123901		12/20/06 10:25
1,1-Dichloroethane		45.2		ug/L	50.0	90%	79 - 120	2	17	6123901		12/20/06 10:25
1,2-Dichloroethane		47.7		ug/L	50.0	95%	64 - 134	0.2	19	6123901		12/20/06 10:25
cis-1,2-Dichloroethene		47.8	B	ug/L	50.0	96%	71 - 126	0	16	6123901		12/20/06 10:25
1,1-Dichloroethene		49.1		ug/L	50.0	98%	71 - 123	2	34	6123901		12/20/06 10:25
trans-1,2-Dichloroethene		46.8		ug/L	50.0	94%	74 - 127	0.9	21	6123901		12/20/06 10:25
1,3-Dichloropropane		44.7		ug/L	50.0	89%	80 - 128	2	16	6123901		12/20/06 10:25
1,2-Dichloropropane		50.0		ug/L	50.0	100%	73 - 120	0.6	15	6123901		12/20/06 10:25
2,2-Dichloropropane		45.5		ug/L	50.0	91%	25 - 156	1	16	6123901		12/20/06 10:25
cis-1,3-Dichloropropene		44.2		ug/L	50.0	88%	70 - 135	1	19	6123901		12/20/06 10:25
trans-1,3-Dichloropropene		44.7		ug/L	50.0	89%	61 - 124	1	19	6123901		12/20/06 10:25
1,1-Dichloropropene		48.9		ug/L	50.0	98%	79 - 138	0.6	17	6123901		12/20/06 10:25
Ethylbenzene		47.9		ug/L	50.0	96%	73 - 134	0.4	15	6123901		12/20/06 10:25
Hexachlorobutadiene		54.4		ug/L	50.0	109%	58 - 145	2	35	6123901		12/20/06 10:25
2-Hexanone		262		ug/L	250	105%	72 - 136	0.8	18	6123901		12/20/06 10:25

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123901-BSD1												
Isopropylbenzene		47.0		ug/L	50.0	94%	74 - 121	0.6	17	6123901		12/20/06 10:25
p-Isopropyltoluene		49.2		ug/L	50.0	98%	70 - 133	2	21	6123901		12/20/06 10:25
Methyl tert-Butyl Ether		39.8		ug/L	50.0	80%	69 - 122	9	16	6123901		12/20/06 10:25
Methylene Chloride		46.0		ug/L	50.0	92%	75 - 127	6	19	6123901		12/20/06 10:25
4-Methyl-2-pentanone		233		ug/L	250	93%	77 - 132	0.9	18	6123901		12/20/06 10:25
Naphthalene		52.5		ug/L	50.0	105%	65 - 145	4	34	6123901		12/20/06 10:25
n-Propylbenzene		49.0		ug/L	50.0	98%	76 - 133	2	18	6123901		12/20/06 10:25
Styrene		60.1		ug/L	50.0	120%	80 - 145	1	22	6123901		12/20/06 10:25
1,1,1,2-Tetrachloroethane		50.3		ug/L	50.0	101%	72 - 136	0.2	16	6123901		12/20/06 10:25
1,1,2,2-Tetrachloroethane		51.8		ug/L	50.0	104%	71 - 137	5	16	6123901		12/20/06 10:25
Tetrachloroethene		46.4		ug/L	50.0	93%	70 - 131	1	20	6123901		12/20/06 10:25
Toluene		46.0		ug/L	50.0	92%	78 - 122	0.9	15	6123901		12/20/06 10:25
1,2,3-Trichlorobenzene		53.0		ug/L	50.0	106%	60 - 144	4	33	6123901		12/20/06 10:25
1,2,4-Trichlorobenzene		52.6		ug/L	50.0	105%	63 - 140	3	26	6123901		12/20/06 10:25
1,1,2-Trichloroethane		45.6		ug/L	50.0	91%	81 - 127	1	16	6123901		12/20/06 10:25
1,1,1-Trichloroethane		50.4		ug/L	50.0	101%	69 - 128	2	17	6123901		12/20/06 10:25
Trichloroethene		55.0	B	ug/L	50.0	110%	73 - 133	1	17	6123901		12/20/06 10:25
Trichlorofluoromethane		41.4		ug/L	50.0	83%	49 - 139	1	42	6123901		12/20/06 10:25
1,2,3-Trichloropropane		41.4		ug/L	50.0	83%	52 - 151	5	18	6123901		12/20/06 10:25
1,3,5-Trimethylbenzene		50.1		ug/L	50.0	100%	72 - 136	2	20	6123901		12/20/06 10:25
1,2,4-Trimethylbenzene		49.7		ug/L	50.0	99%	73 - 134	2	18	6123901		12/20/06 10:25
Vinyl chloride		48.5		ug/L	50.0	97%	54 - 137	4	50	6123901		12/20/06 10:25
Xylenes, total		146		ug/L	150	97%	79 - 130	0.7	16	6123901		12/20/06 10:25
Surrogate: 1,2-Dichloroethane-d4		21.5		ug/L	25.0	86%	62 - 142			6123901		12/20/06 10:25
Surrogate: Dibromofluoromethane		22.6		ug/L	25.0	90%	78 - 123			6123901		12/20/06 10:25
Surrogate: Toluene-d8		21.8		ug/L	25.0	87%	79 - 120			6123901		12/20/06 10:25
Surrogate: 4-Bromofluorobenzene		24.1		ug/L	25.0	96%	75 - 133			6123901		12/20/06 10:25

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6121748-MS1										
Total Organic Carbon	33.5	57.1		ug/mL	20.0	118%	75 - 127	6121748	NPL1385-01	12/19/06 14:43
6121985-MS1										
Alkalinity, Total (CaCO3)	176	275		ug/mL	100	99%	80 - 120	6121985	NPL1575-04	12/16/06 13:03
6122553-MS1										
Iron, ferrous	0.0630	1.06		ug/mL	1.00	100%	75 - 125	6122553	NPL1575-04	12/19/06 21:13
6122625-MS1										
Chloride	25.7	0.00	MNR	ug/mL	3.00	-857%	80 - 120	6122625	NPL1575-04	12/27/06 07:11
Nitrate as N	1.43	4.39	H2	ug/mL	3.00	99%	80 - 120	6122625	NPL1575-04	12/22/06 12:40
Sulfate	555	0.00	MNR	ug/mL	15.0	-3700%	80 - 120	6122625	NPL1575-04	12/27/06 07:11
6123540-MS1										
Sulfide	0.700	18.4		ug/mL	20.0	88%	79 - 113	6123540	NPL1575-04	12/20/06 19:05
Methane, Ethane, and Ethene by GC										
6122148-MS1										
Ethane	ND	1710		ug/L	2500	68%	65 - 117	6122148	NPL1575-04	12/14/06 14:31
Ethene	ND	1610		ug/L	2340	69%	66 - 117	6122148	NPL1575-04	12/14/06 14:31
Methane	60.0	1030		ug/L	1330	73%	60 - 141	6122148	NPL1575-04	12/14/06 14:31
Surrogate: Acetylene		2120		ug/L	2160	98%	76 - 122	6122148	NPL1575-04	12/14/06 14:31
Volatile Organic Compounds by EPA Method 8260B										
6123416-MS1										
Acetone	ND	240		ug/L	250	96%	56 - 147	6123416	NPL1575-04	12/18/06 23:56
Benzene	ND	56.3		ug/L	50.0	113%	74 - 130	6123416	NPL1575-04	12/18/06 23:56
Bromobenzene	ND	52.1		ug/L	50.0	104%	71 - 142	6123416	NPL1575-04	12/18/06 23:56
Bromochloromethane	ND	47.8		ug/L	50.0	96%	71 - 137	6123416	NPL1575-04	12/18/06 23:56
Bromodichloromethane	ND	62.0		ug/L	50.0	124%	66 - 145	6123416	NPL1575-04	12/18/06 23:56
Bromoform	ND	50.6		ug/L	50.0	101%	41 - 129	6123416	NPL1575-04	12/18/06 23:56
Bromomethane	ND	64.2		ug/L	50.0	128%	21 - 173	6123416	NPL1575-04	12/18/06 23:56
2-Butanone	ND	268		ug/L	250	107%	62 - 142	6123416	NPL1575-04	12/18/06 23:56
sec-Butylbenzene	ND	55.6		ug/L	50.0	111%	62 - 146	6123416	NPL1575-04	12/18/06 23:56
n-Butylbenzene	ND	55.8		ug/L	50.0	112%	58 - 150	6123416	NPL1575-04	12/18/06 23:56
tert-Butylbenzene	ND	55.5		ug/L	50.0	111%	68 - 143	6123416	NPL1575-04	12/18/06 23:56
Carbon disulfide	ND	53.2		ug/L	50.0	106%	38 - 149	6123416	NPL1575-04	12/18/06 23:56
Carbon Tetrachloride	ND	58.6		ug/L	50.0	117%	60 - 153	6123416	NPL1575-04	12/18/06 23:56
Chlorobenzene	ND	55.8		ug/L	50.0	112%	78 - 131	6123416	NPL1575-04	12/18/06 23:56

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Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6123416-MS1										
Chlorodibromomethane	ND	51.0		ug/L	50.0	102%	59 - 137	6123416	NPL1575-04	12/18/06 23:56
Chloroethane	ND	45.9		ug/L	50.0	92%	57 - 150	6123416	NPL1575-04	12/18/06 23:56
Chloroform	ND	51.2		ug/L	50.0	102%	69 - 135	6123416	NPL1575-04	12/18/06 23:56
Chloromethane	ND	64.6		ug/L	50.0	129%	22 - 154	6123416	NPL1575-04	12/18/06 23:56
2-Chlorotoluene	ND	53.1		ug/L	50.0	106%	78 - 138	6123416	NPL1575-04	12/18/06 23:56
4-Chlorotoluene	ND	53.0		ug/L	50.0	106%	73 - 139	6123416	NPL1575-04	12/18/06 23:56
1,2-Dibromo-3-chloropropane	ND	46.3		ug/L	50.0	93%	43 - 140	6123416	NPL1575-04	12/18/06 23:56
1,2-Dibromoethane (EDB)	ND	47.4		ug/L	50.0	95%	79 - 132	6123416	NPL1575-04	12/18/06 23:56
Dibromomethane	ND	50.6		ug/L	50.0	101%	66 - 137	6123416	NPL1575-04	12/18/06 23:56
1,4-Dichlorobenzene	ND	54.4		ug/L	50.0	109%	72 - 130	6123416	NPL1575-04	12/18/06 23:56
1,3-Dichlorobenzene	ND	55.7		ug/L	50.0	111%	75 - 134	6123416	NPL1575-04	12/18/06 23:56
1,2-Dichlorobenzene	ND	54.6		ug/L	50.0	109%	80 - 133	6123416	NPL1575-04	12/18/06 23:56
Dichlorodifluoromethane	ND	48.4		ug/L	50.0	97%	19 - 126	6123416	NPL1575-04	12/18/06 23:56
1,1-Dichloroethane	ND	49.6		ug/L	50.0	99%	74 - 133	6123416	NPL1575-04	12/18/06 23:56
1,2-Dichloroethane	ND	50.4		ug/L	50.0	101%	55 - 148	6123416	NPL1575-04	12/18/06 23:56
cis-1,2-Dichloroethene	0.660	50.7		ug/L	50.0	100%	69 - 135	6123416	NPL1575-04	12/18/06 23:56
1,1-Dichloroethene	ND	54.5		ug/L	50.0	109%	66 - 140	6123416	NPL1575-04	12/18/06 23:56
trans-1,2-Dichloroethene	ND	51.4		ug/L	50.0	103%	68 - 142	6123416	NPL1575-04	12/18/06 23:56
1,3-Dichloropropane	ND	47.6		ug/L	50.0	95%	78 - 128	6123416	NPL1575-04	12/18/06 23:56
1,2-Dichloropropane	ND	57.0		ug/L	50.0	114%	73 - 128	6123416	NPL1575-04	12/18/06 23:56
2,2-Dichloropropane	ND	45.1		ug/L	50.0	90%	25 - 156	6123416	NPL1575-04	12/18/06 23:56
cis-1,3-Dichloropropene	ND	45.5		ug/L	50.0	91%	62 - 135	6123416	NPL1575-04	12/18/06 23:56
trans-1,3-Dichloropropene	ND	44.3		ug/L	50.0	89%	54 - 124	6123416	NPL1575-04	12/18/06 23:56
1,1-Dichloropropene	ND	55.4		ug/L	50.0	111%	72 - 138	6123416	NPL1575-04	12/18/06 23:56
Ethylbenzene	ND	57.1		ug/L	50.0	114%	70 - 143	6123416	NPL1575-04	12/18/06 23:56
Hexachlorobutadiene	ND	55.0		ug/L	50.0	110%	41 - 156	6123416	NPL1575-04	12/18/06 23:56
2-Hexanone	ND	292		ug/L	250	117%	67 - 142	6123416	NPL1575-04	12/18/06 23:56
Isopropylbenzene	ND	60.6		ug/L	50.0	121%	63 - 143	6123416	NPL1575-04	12/18/06 23:56
p-Isopropyltoluene	ND	55.5		ug/L	50.0	111%	52 - 156	6123416	NPL1575-04	12/18/06 23:56
Methyl tert-Butyl Ether	ND	43.3		ug/L	50.0	87%	62 - 135	6123416	NPL1575-04	12/18/06 23:56
Methylene Chloride	0.530	43.8		ug/L	50.0	87%	71 - 130	6123416	NPL1575-04	12/18/06 23:56
4-Methyl-2-pentanone	ND	252		ug/L	250	101%	74 - 139	6123416	NPL1575-04	12/18/06 23:56
Naphthalene	ND	48.8		ug/L	50.0	98%	40 - 161	6123416	NPL1575-04	12/18/06 23:56
n-Propylbenzene	ND	54.2		ug/L	50.0	108%	67 - 146	6123416	NPL1575-04	12/18/06 23:56
Styrene	ND	60.5		ug/L	50.0	121%	39 - 162	6123416	NPL1575-04	12/18/06 23:56
1,1,1,2-Tetrachloroethane	ND	57.2		ug/L	50.0	114%	72 - 139	6123416	NPL1575-04	12/18/06 23:56
1,1,2,2-Tetrachloroethane	ND	53.2		ug/L	50.0	106%	71 - 139	6123416	NPL1575-04	12/18/06 23:56

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6123416-MS1										
Tetrachloroethene	ND	51.4		ug/L	50.0	103%	64 - 143	6123416	NPL1575-04	12/18/06 23:56
Toluene	ND	52.3		ug/L	50.0	105%	70 - 137	6123416	NPL1575-04	12/18/06 23:56
1,2,3-Trichlorobenzene	ND	51.6		ug/L	50.0	103%	45 - 150	6123416	NPL1575-04	12/18/06 23:56
1,2,4-Trichlorobenzene	ND	52.5		ug/L	50.0	105%	51 - 144	6123416	NPL1575-04	12/18/06 23:56
1,1,2-Trichloroethane	ND	48.8		ug/L	50.0	98%	76 - 132	6123416	NPL1575-04	12/18/06 23:56
1,1,1-Trichloroethane	ND	56.0		ug/L	50.0	112%	65 - 143	6123416	NPL1575-04	12/18/06 23:56
Trichloroethene	12.0	70.4		ug/L	50.0	117%	70 - 137	6123416	NPL1575-04	12/18/06 23:56
Trichlorofluoromethane	ND	50.5		ug/L	50.0	101%	49 - 159	6123416	NPL1575-04	12/18/06 23:56
1,2,3-Trichloropropane	ND	44.2		ug/L	50.0	88%	63 - 135	6123416	NPL1575-04	12/18/06 23:56
1,3,5-Trimethylbenzene	ND	54.7		ug/L	50.0	109%	36 - 162	6123416	NPL1575-04	12/18/06 23:56
1,2,4-Trimethylbenzene	ND	53.9		ug/L	50.0	108%	49 - 152	6123416	NPL1575-04	12/18/06 23:56
Vinyl chloride	ND	46.4		ug/L	50.0	93%	49 - 148	6123416	NPL1575-04	12/18/06 23:56
Xylenes, total	ND	175		ug/L	150	117%	62 - 147	6123416	NPL1575-04	12/18/06 23:56
Surrogate: 1,2-Dichloroethane-d4		20.4		ug/L	25.0	82%	62 - 142	6123416	NPL1575-04	12/18/06 23:56
Surrogate: Dibromofluoromethane		21.9		ug/L	25.0	88%	78 - 123	6123416	NPL1575-04	12/18/06 23:56
Surrogate: Toluene-d8		21.9		ug/L	25.0	88%	79 - 120	6123416	NPL1575-04	12/18/06 23:56
Surrogate: 4-Bromofluorobenzene		22.9		ug/L	25.0	92%	75 - 133	6123416	NPL1575-04	12/18/06 23:56

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6121748-MSD1												
Total Organic Carbon	33.5	57.0		ug/mL	20.0	118%	75 - 127	0.2	20	6121748	NPL1385-01	12/19/06 14:43
6121985-MSD1												
Alkalinity, Total (CaCO3)	176	280		ug/mL	100	104%	80 - 120	2	20	6121985	NPL1575-04	12/16/06 13:03
6122553-MSD1												
Iron, ferrous	0.0630	1.08		ug/mL	1.00	102%	75 - 125	2	20	6122553	NPL1575-04	12/19/06 21:13
6122625-MSD1												
Chloride	25.7	0.00	MNR	ug/mL	3.00	-857%	80 - 120		20	6122625	NPL1575-04	12/27/06 07:11
Nitrate as N	1.43	4.36	H2	ug/mL	3.00	98%	80 - 120	0.7	20	6122625	NPL1575-04	12/22/06 13:38
Sulfate	555	0.00	MNR	ug/mL	15.0	-3700%	80 - 120		20	6122625	NPL1575-04	12/27/06 07:11
6123540-MSD1												
Sulfide	0.700	18.7		ug/mL	20.0	90%	79 - 113	2	10	6123540	NPL1575-04	12/20/06 19:05
Methane, Ethane, and Ethene by GC												
6122148-MSD1												
Ethane	ND	2040		ug/L	2500	82%	65 - 117	18	21	6122148	NPL1575-04	12/14/06 14:44
Ethene	ND	1910		ug/L	2340	82%	66 - 117	17	20	6122148	NPL1575-04	12/14/06 14:44
Methane	60.0	1300		ug/L	1330	93%	60 - 141	23	29	6122148	NPL1575-04	12/14/06 14:44
Surrogate: Acetylene		2090		ug/L	2160	97%	76 - 122			6122148	NPL1575-04	12/14/06 14:44
Volatile Organic Compounds by EPA Method 8260B												
6123416-MSD1												
Acetone	ND	234		ug/L	250	94%	56 - 147	3	22	6123416	NPL1575-04	12/19/06 00:20
Benzene	ND	56.0		ug/L	50.0	112%	74 - 130	0.5	15	6123416	NPL1575-04	12/19/06 00:20
Bromobenzene	ND	52.0		ug/L	50.0	104%	71 - 142	0.2	17	6123416	NPL1575-04	12/19/06 00:20
Bromochloromethane	ND	49.9		ug/L	50.0	100%	71 - 137	4	15	6123416	NPL1575-04	12/19/06 00:20
Bromodichloromethane	ND	61.9		ug/L	50.0	124%	66 - 145	0.2	17	6123416	NPL1575-04	12/19/06 00:20
Bromoform	ND	51.7		ug/L	50.0	103%	41 - 129	2	19	6123416	NPL1575-04	12/19/06 00:20
Bromomethane	ND	66.5		ug/L	50.0	133%	21 - 173	4	41	6123416	NPL1575-04	12/19/06 00:20
2-Butanone	ND	269		ug/L	250	108%	62 - 142	0.4	17	6123416	NPL1575-04	12/19/06 00:20
sec-Butylbenzene	ND	55.6		ug/L	50.0	111%	62 - 146	0	21	6123416	NPL1575-04	12/19/06 00:20
n-Butylbenzene	ND	55.8		ug/L	50.0	112%	58 - 150	0	23	6123416	NPL1575-04	12/19/06 00:20
tert-Butylbenzene	ND	55.2		ug/L	50.0	110%	68 - 143	0.5	20	6123416	NPL1575-04	12/19/06 00:20
Carbon disulfide	ND	55.0		ug/L	50.0	110%	38 - 149	3	50	6123416	NPL1575-04	12/19/06 00:20
Carbon Tetrachloride	ND	59.9		ug/L	50.0	120%	60 - 153	2	18	6123416	NPL1575-04	12/19/06 00:20
Chlorobenzene	ND	55.1		ug/L	50.0	110%	78 - 131	1	15	6123416	NPL1575-04	12/19/06 00:20
Chlorodibromomethane	ND	49.6		ug/L	50.0	99%	59 - 137	3	18	6123416	NPL1575-04	12/19/06 00:20
Chloroethane	ND	48.6		ug/L	50.0	97%	57 - 150	6	36	6123416	NPL1575-04	12/19/06 00:20
Chloroform	ND	50.3		ug/L	50.0	101%	69 - 135	2	16	6123416	NPL1575-04	12/19/06 00:20

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123416-MSD1												
Chloromethane	ND	68.3		ug/L	50.0	137%	22 - 154	6	46	6123416	NPL1575-04	12/19/06 00:20
2-Chlorotoluene	ND	52.6		ug/L	50.0	105%	78 - 138	0.9	17	6123416	NPL1575-04	12/19/06 00:20
4-Chlorotoluene	ND	52.6		ug/L	50.0	105%	73 - 139	0.8	16	6123416	NPL1575-04	12/19/06 00:20
1,2-Dibromo-3-chloropropane	ND	50.1		ug/L	50.0	100%	43 - 140	8	20	6123416	NPL1575-04	12/19/06 00:20
1,2-Dibromoethane (EDB)	ND	48.0		ug/L	50.0	96%	79 - 132	1	16	6123416	NPL1575-04	12/19/06 00:20
Dibromomethane	ND	54.7		ug/L	50.0	109%	66 - 137	8	16	6123416	NPL1575-04	12/19/06 00:20
1,4-Dichlorobenzene	ND	54.5		ug/L	50.0	109%	72 - 130	0.2	16	6123416	NPL1575-04	12/19/06 00:20
1,3-Dichlorobenzene	ND	56.0		ug/L	50.0	112%	75 - 134	0.5	17	6123416	NPL1575-04	12/19/06 00:20
1,2-Dichlorobenzene	ND	55.0		ug/L	50.0	110%	80 - 133	0.7	16	6123416	NPL1575-04	12/19/06 00:20
Dichlorodifluoromethane	ND	50.2		ug/L	50.0	100%	19 - 126	4	21	6123416	NPL1575-04	12/19/06 00:20
1,1-Dichloroethane	ND	49.7		ug/L	50.0	99%	74 - 133	0.2	17	6123416	NPL1575-04	12/19/06 00:20
1,2-Dichloroethane	ND	50.0		ug/L	50.0	100%	55 - 148	0.8	19	6123416	NPL1575-04	12/19/06 00:20
cis-1,2-Dichloroethene	0.660	50.9		ug/L	50.0	100%	69 - 135	0.4	16	6123416	NPL1575-04	12/19/06 00:20
1,1-Dichloroethene	ND	51.8		ug/L	50.0	104%	66 - 140	5	34	6123416	NPL1575-04	12/19/06 00:20
trans-1,2-Dichloroethene	ND	50.7		ug/L	50.0	101%	68 - 142	1	21	6123416	NPL1575-04	12/19/06 00:20
1,3-Dichloropropane	ND	45.9		ug/L	50.0	92%	78 - 128	4	16	6123416	NPL1575-04	12/19/06 00:20
1,2-Dichloropropane	ND	56.7		ug/L	50.0	113%	73 - 128	0.5	15	6123416	NPL1575-04	12/19/06 00:20
2,2-Dichloropropane	ND	48.7		ug/L	50.0	97%	25 - 156	8	16	6123416	NPL1575-04	12/19/06 00:20
cis-1,3-Dichloropropene	ND	45.3		ug/L	50.0	91%	62 - 135	0.4	19	6123416	NPL1575-04	12/19/06 00:20
trans-1,3-Dichloropropene	ND	47.4		ug/L	50.0	95%	54 - 124	7	19	6123416	NPL1575-04	12/19/06 00:20
1,1-Dichloropropene	ND	54.6		ug/L	50.0	109%	72 - 138	1	17	6123416	NPL1575-04	12/19/06 00:20
Ethylbenzene	ND	56.6		ug/L	50.0	113%	70 - 143	0.9	15	6123416	NPL1575-04	12/19/06 00:20
Hexachlorobutadiene	ND	57.0		ug/L	50.0	114%	41 - 156	4	35	6123416	NPL1575-04	12/19/06 00:20
2-Hexanone	ND	287		ug/L	250	115%	67 - 142	2	18	6123416	NPL1575-04	12/19/06 00:20
Isopropylbenzene	ND	60.8		ug/L	50.0	122%	63 - 143	0.3	17	6123416	NPL1575-04	12/19/06 00:20
p-Isopropyltoluene	ND	55.6		ug/L	50.0	111%	52 - 156	0.2	21	6123416	NPL1575-04	12/19/06 00:20
Methyl tert-Butyl Ether	ND	38.0		ug/L	50.0	76%	62 - 135	13	16	6123416	NPL1575-04	12/19/06 00:20
Methylene Chloride	0.530	49.1		ug/L	50.0	97%	71 - 130	11	19	6123416	NPL1575-04	12/19/06 00:20
4-Methyl-2-pentanone	ND	243		ug/L	250	97%	74 - 139	4	18	6123416	NPL1575-04	12/19/06 00:20
Naphthalene	ND	53.9		ug/L	50.0	108%	40 - 161	10	34	6123416	NPL1575-04	12/19/06 00:20
n-Propylbenzene	ND	53.8		ug/L	50.0	108%	67 - 146	0.7	18	6123416	NPL1575-04	12/19/06 00:20
Styrene	ND	60.9		ug/L	50.0	122%	39 - 162	0.7	22	6123416	NPL1575-04	12/19/06 00:20
1,1,1,2-Tetrachloroethane	ND	55.8		ug/L	50.0	112%	72 - 139	2	16	6123416	NPL1575-04	12/19/06 00:20
1,1,2,2-Tetrachloroethane	ND	53.0		ug/L	50.0	106%	71 - 139	0.4	16	6123416	NPL1575-04	12/19/06 00:20
Tetrachloroethene	ND	49.0		ug/L	50.0	98%	64 - 143	5	20	6123416	NPL1575-04	12/19/06 00:20
Toluene	ND	50.6		ug/L	50.0	101%	70 - 137	3	15	6123416	NPL1575-04	12/19/06 00:20
1,2,3-Trichlorobenzene	ND	54.9		ug/L	50.0	110%	45 - 150	6	33	6123416	NPL1575-04	12/19/06 00:20
1,2,4-Trichlorobenzene	ND	54.1		ug/L	50.0	108%	51 - 144	3	26	6123416	NPL1575-04	12/19/06 00:20
1,1,2-Trichloroethane	ND	45.6		ug/L	50.0	91%	76 - 132	7	16	6123416	NPL1575-04	12/19/06 00:20
1,1,1-Trichloroethane	ND	55.4		ug/L	50.0	111%	65 - 143	1	17	6123416	NPL1575-04	12/19/06 00:20
Trichloroethene	12.0	69.1		ug/L	50.0	114%	70 - 137	2	17	6123416	NPL1575-04	12/19/06 00:20

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6123416-MSD1												
Trichlorofluoromethane	ND	50.3		ug/L	50.0	101%	49 - 159	0.4	42	6123416	NPL1575-04	12/19/06 00:20
1,2,3-Trichloropropane	ND	46.2		ug/L	50.0	92%	63 - 135	4	18	6123416	NPL1575-04	12/19/06 00:20
1,3,5-Trimethylbenzene	ND	54.5		ug/L	50.0	109%	36 - 162	0.4	20	6123416	NPL1575-04	12/19/06 00:20
1,2,4-Trimethylbenzene	ND	53.8		ug/L	50.0	108%	49 - 152	0.2	18	6123416	NPL1575-04	12/19/06 00:20
Vinyl chloride	ND	50.9		ug/L	50.0	102%	49 - 148	9	50	6123416	NPL1575-04	12/19/06 00:20
Xylenes, total	ND	177		ug/L	150	118%	62 - 147	1	16	6123416	NPL1575-04	12/19/06 00:20
Surrogate: 1,2-Dichloroethane-d4		20.0		ug/L	25.0	80%	62 - 142			6123416	NPL1575-04	12/19/06 00:20
Surrogate: Dibromofluoromethane		21.5		ug/L	25.0	86%	78 - 123			6123416	NPL1575-04	12/19/06 00:20
Surrogate: Toluene-d8		21.1		ug/L	25.0	84%	79 - 120			6123416	NPL1575-04	12/19/06 00:20
Surrogate: 4-Bromofluorobenzene		22.8		ug/L	25.0	91%	75 - 133			6123416	NPL1575-04	12/19/06 00:20

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
EPA 300.0	Water	N/A	X	X
EPA 310.1	Water	N/A	X	X
EPA 376.1	Water	N/A	X	X
EPA 415.1	Water	N/A	X	X
RSK 175	Water	N/A	X	
SM 3500Fe D	Water			
SM 4500CO2 C	Water	N/A		
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SM 3500Fe D	Water	Iron, ferrous
SM 4500CO2 C	Water	Carbon Dioxide

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPL1575
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	12/12/06 08:30

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
B1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
H	Sample analysis performed past method-specified holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NPL1575

Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 12/12/06 @ 08:30

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3626

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 0.6 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES....NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... WS

WS 12/12/06

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... WS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... WS

I certify that I attached a label with the unique LIMS number to each container (intial)..... WS

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 40838

WS 12/12/06

pH for sulfide TW.04 = 7, should be >9

BIS = Broken in shipment
Cooler Receipt Form

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#**

Cooler Received/Opened On 12/12/06 @830

Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0134

Fed-Ex

2. **Temperature of representative sample or temperature blank when opened:** 2.0 **Degrees Celsius**

(indicate IR Gun ID#)

982

3. Were custody seals on outside of cooler?..... YES...NO...NA

   a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

   were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

   Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

    b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

    If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

Raw Data

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? Compliance Monitoring: Yes - NY

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: Joe Deatherage

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Joe Deatherage

Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments

Project #: 30310520006.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: 12112-217-129 PO#: 52196

TAT
X Standard
___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260	Alkalinity (310.1)	COD (410.4)	Chloride (300)	Methane, Ethane, Ethene (RSK)	Nitrate (300)	Sulfate (300)	Sulfide (376.1)	TOC (415.1)	Ferrous Iron	QC Deliverables: None / X Level 2 (Batch QC) / Level 3 / Level 4 / Other:	REMARKS
BR-15	12-10-06	1140	G		GW								X											-01
BR-17		1030											X											-02
OB-06		1140											X											-03
~~W-2~~ OB-07	12-11-06	~~1400~~ 0905											X	X	X	X	X	X	X	X	X	X		-04
~~OB-07~~ W-2	12-6-06	1400	G		↓									X	X	X								-05

NPL1575
12/27/06 23:59

Special Instructions:

	Date:	Time:		Date:	Time:
Relinquished By: Joe Deatherage	12-11-06	1400	Received By:		
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	12/12/06	8:30

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30302006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-199 PO#: ~~[illegible]~~ 5196

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260)	Alkalinity (310.1)	COD (4500C)	Chloride (300)	Methane/ethane/ethene (RSK)	Nitrate (300)	Sulfate (300)	Sulfide (376.1)	TOC (415.1)	Ferrous Iron	QC Deliverables: None / X Level 2 (Batch QC) / ___ Level 3 / ___ Level 4 / Other: _____ — REMARKS	
QATB02	12-9-06	0835	X		GW								X										Trip Blank	-06
~~MW~~-08 OB-07 (MS)	12-11-06	0905	X		↓								X										Matrix Spike	-04
OB-07 (MSD)	12-11-06	0910	X		↓								X										Matrix Spike	-04
TW-04	12-11-06	1025	X		↓								X	X	X	X	X	X	X	X	X	X		-07
																								TB-2 -08

NPL 1575

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By: Joe Deatherage	Date: 12-11-06	Time: 1400	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/12/06	Time: 8:30

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 03, 2006

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPG2765
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 07/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
QATB01	NPG2765-01	07/18/06 09:40
QAFB01	NPG2765-02	07/18/06 09:50
QARB01	NPG2765-03	07/18/06 09:55
TW-04	NPG2765-04	07/18/06 10:55
TW-17	NPG2765-05	07/18/06 11:35
TW-20	NPG2765-06	07/18/06 14:20
TW-07	NPG2765-07	07/18/06 15:05
TW-09	NPG2765-08	07/18/06 16:10
OB-09	NPG2765-09	07/18/06 17:00
BR-08	NPG2765-10	07/19/06 09:20
OB-07	NPG2765-11	07/19/06 11:05
W-S	NPG2765-12	07/19/06 14:00
W-S DUP	NPG2765-13	07/19/06 14:05
BR-01	NPG2765-14	07/19/06 15:05
BR-03	NPG2765-15	07/19/06 16:35
BR-07	NPG2765-16	07/19/06 17:20
BR-07 DUP	NPG2765-17	07/19/06 17:25
BR-02	NPG2765-18	07/19/06 18:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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New York Certification Number: 11342

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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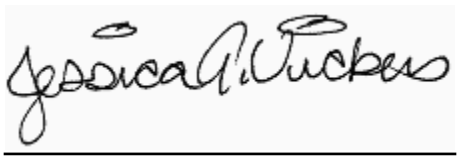
Report Approved By:



Jessica Vickers
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPG2765
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-01 (QATB01 - Ground Water) Sampled: 07/18/06 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/28/06 23:34	SW846 8260B	6075716
Benzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Bromobenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Bromochloromethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Bromodichloromethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Bromoform	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Bromomethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
2-Butanone	ND		ug/L	50.0	1	07/28/06 23:34	SW846 8260B	6075716
sec-Butylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
n-Butylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
tert-Butylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Carbon disulfide	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Carbon Tetrachloride	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Chlorobenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Chlorodibromomethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Chloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Chloroform	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Chloromethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
2-Chlorotoluene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
4-Chlorotoluene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Dibromomethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1-Dichloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2-Dichloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1-Dichloroethene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,3-Dichloropropane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2-Dichloropropane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
2,2-Dichloropropane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1-Dichloropropene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Ethylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Hexachlorobutadiene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
2-Hexanone	ND		ug/L	50.0	1	07/28/06 23:34	SW846 8260B	6075716
Isopropylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
p-Isopropyltoluene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-01 (QATB01 - Ground Water) - cont. Sampled: 07/18/06 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Methylene Chloride	ND		ug/L	5.00	1	07/28/06 23:34	SW846 8260B	6075716
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/28/06 23:34	SW846 8260B	6075716
Naphthalene	ND		ug/L	5.00	1	07/28/06 23:34	SW846 8260B	6075716
n-Propylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Styrene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Tetrachloroethene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Toluene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Trichloroethene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Trichlorofluoromethane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Vinyl chloride	ND		ug/L	1.00	1	07/28/06 23:34	SW846 8260B	6075716
Xylenes, total	ND		ug/L	3.00	1	07/28/06 23:34	SW846 8260B	6075716
Surr: 1,2-Dichloroethane-d4 (70-130%)	*80 %*					*07/28/06 23:34*	*SW846 8260B*	*6075716*
Surr: Dibromofluoromethane (79-122%)	*91 %*					*07/28/06 23:34*	*SW846 8260B*	*6075716*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/28/06 23:34*	*SW846 8260B*	*6075716*
Surr: 4-Bromofluorobenzene (78-126%)	*94 %*					*07/28/06 23:34*	*SW846 8260B*	*6075716*
Sample ID: NPG2765-02 (QAFB01 - Ground Water) Sampled: 07/18/06 09:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 00:25	SW846 8260B	6075716
Benzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Bromobenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Bromoform	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Bromomethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
2-Butanone	ND		ug/L	50.0	1	07/29/06 00:25	SW846 8260B	6075716
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Chloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-02 (QAFB01 - Ground Water) - cont. Sampled: 07/18/06 09:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Chloromethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Dibromomethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
2-Hexanone	ND		ug/L	50.0	1	07/29/06 00:25	SW846 8260B	6075716
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 00:25	SW846 8260B	6075716
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 00:25	SW846 8260B	6075716
Naphthalene	ND		ug/L	5.00	1	07/29/06 00:25	SW846 8260B	6075716
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Styrene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Toluene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Trichloroethene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-02 (QAFB01 - Ground Water) - cont. Sampled: 07/18/06 09:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 00:25	SW846 8260B	6075716
Xylenes, total	ND		ug/L	3.00	1	07/29/06 00:25	SW846 8260B	6075716
Surr: 1,2-Dichloroethane-d4 (70-130%)	*86 %*					*07/29/06 00:25*	*SW846 8260B*	*6075716*
Surr: Dibromofluoromethane (79-122%)	*96 %*					*07/29/06 00:25*	*SW846 8260B*	*6075716*
Surr: Toluene-d8 (78-121%)	*95 %*					*07/29/06 00:25*	*SW846 8260B*	*6075716*
Surr: 4-Bromofluorobenzene (78-126%)	*98 %*					*07/29/06 00:25*	*SW846 8260B*	*6075716*
Sample ID: NPG2765-03 (QARB01 - Ground Water) Sampled: 07/18/06 09:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 01:14	SW846 8260B	6075716
Benzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Bromobenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Bromoform	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Bromomethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
2-Butanone	ND		ug/L	50.0	1	07/29/06 01:14	SW846 8260B	6075716
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Chloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Chloroform	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Chloromethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Dibromomethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-03 (QARB01 - Ground Water) - cont. Sampled: 07/18/06 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
2-Hexanone	ND		ug/L	50.0	1	07/29/06 01:14	SW846 8260B	6075716
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 01:14	SW846 8260B	6075716
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 01:14	SW846 8260B	6075716
Naphthalene	ND		ug/L	5.00	1	07/29/06 01:14	SW846 8260B	6075716
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Styrene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Toluene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Trichloroethene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 01:14	SW846 8260B	6075716
Xylenes, total	ND		ug/L	3.00	1	07/29/06 01:14	SW846 8260B	6075716
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*					*07/29/06 01:14*	*SW846 8260B*	*6075716*
Surr: Dibromofluoromethane (79-122%)	*96 %*					*07/29/06 01:14*	*SW846 8260B*	*6075716*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/29/06 01:14*	*SW846 8260B*	*6075716*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*07/29/06 01:14*	*SW846 8260B*	*6075716*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-04 (TW-04 - Ground Water) Sampled: 07/18/06 10:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 01:39	SW846 8260B	6075716
Benzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Bromobenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Bromoform	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Bromomethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
2-Butanone	ND		ug/L	50.0	1	07/29/06 01:39	SW846 8260B	6075716
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Chloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Chloroform	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Chloromethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Dibromomethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
2-Hexanone	ND		ug/L	50.0	1	07/29/06 01:39	SW846 8260B	6075716
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-04 (TW-04 - Ground Water) - cont. Sampled: 07/18/06 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 01:39	SW846 8260B	6075716
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 01:39	SW846 8260B	6075716
Naphthalene	ND		ug/L	5.00	1	07/29/06 01:39	SW846 8260B	6075716
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Styrene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Toluene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Trichloroethene	**27.9**		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 01:39	SW846 8260B	6075716
Xylenes, total	ND		ug/L	3.00	1	07/29/06 01:39	SW846 8260B	6075716
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*					*07/29/06 01:39*	*SW846 8260B*	*6075716*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*07/29/06 01:39*	*SW846 8260B*	*6075716*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/29/06 01:39*	*SW846 8260B*	*6075716*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/29/06 01:39*	*SW846 8260B*	*6075716*
Sample ID: NPG2765-05 (TW-17 - Ground Water) Sampled: 07/18/06 11:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 02:05	SW846 8260B	6075716
Benzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Bromobenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Bromoform	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Bromomethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
2-Butanone	ND		ug/L	50.0	1	07/29/06 02:05	SW846 8260B	6075716
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Chloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-05 (TW-17 - Ground Water) - cont. Sampled: 07/18/06 11:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Chloromethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Dibromomethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
cis-1,2-Dichloroethene	**2.04**		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
2-Hexanone	ND		ug/L	50.0	1	07/29/06 02:05	SW846 8260B	6075716
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 02:05	SW846 8260B	6075716
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 02:05	SW846 8260B	6075716
Naphthalene	ND		ug/L	5.00	1	07/29/06 02:05	SW846 8260B	6075716
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Styrene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Toluene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Trichloroethene	**410**		ug/L	10.0	10	07/29/06 19:04	SW846 8260B	6074840
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-05 (TW-17 - Ground Water) - cont. Sampled: 07/18/06 11:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 02:05	SW846 8260B	6075716
Xylenes, total	ND		ug/L	3.00	1	07/29/06 02:05	SW846 8260B	6075716
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*					*07/29/06 02:05*	*SW846 8260B*	*6075716*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*81 %*					*07/29/06 19:04*	*SW846 8260B*	*6074840*
Surr: Dibromofluoromethane (79-122%)	*100 %*					*07/29/06 02:05*	*SW846 8260B*	*6075716*
Surr: Dibromofluoromethane (79-122%)	*90 %*					*07/29/06 19:04*	*SW846 8260B*	*6074840*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/29/06 02:05*	*SW846 8260B*	*6075716*
Surr: Toluene-d8 (78-121%)	*95 %*					*07/29/06 19:04*	*SW846 8260B*	*6074840*
Surr: 4-Bromofluorobenzene (78-126%)	*105 %*					*07/29/06 02:05*	*SW846 8260B*	*6075716*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*07/29/06 19:04*	*SW846 8260B*	*6074840*
Sample ID: NPG2765-06 (TW-20 - Ground Water) Sampled: 07/18/06 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 20:20	SW846 8260B	6074840
Benzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Bromobenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Bromoform	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Bromomethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
2-Butanone	ND		ug/L	50.0	1	07/29/06 20:20	SW846 8260B	6074840
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Chloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Chloroform	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Chloromethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Dibromomethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-06 (TW-20 - Ground Water) - cont. Sampled: 07/18/06 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
2-Hexanone	ND		ug/L	50.0	1	07/29/06 20:20	SW846 8260B	6074840
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 20:20	SW846 8260B	6074840
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 20:20	SW846 8260B	6074840
Naphthalene	ND		ug/L	5.00	1	07/29/06 20:20	SW846 8260B	6074840
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Styrene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Toluene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Trichloroethene	**12.0**		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 20:20	SW846 8260B	6074840
Xylenes, total	ND		ug/L	3.00	1	07/29/06 20:20	SW846 8260B	6074840
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*					*07/29/06 20:20*	*SW846 8260B*	*6074840*
Surr: Dibromofluoromethane (79-122%)	*99 %*					*07/29/06 20:20*	*SW846 8260B*	*6074840*
Surr: Toluene-d8 (78-121%)	*95 %*					*07/29/06 20:20*	*SW846 8260B*	*6074840*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*07/29/06 20:20*	*SW846 8260B*	*6074840*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-07 (TW-07 - Ground Water) Sampled: 07/18/06 15:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 20:45	SW846 8260B	6074840
Benzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Bromobenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Bromoform	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Bromomethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
2-Butanone	ND		ug/L	50.0	1	07/29/06 20:45	SW846 8260B	6074840
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Chloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Chloroform	**1.41**		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Chloromethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Dibromomethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
cis-1,2-Dichloroethene	**18.3**		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
trans-1,2-Dichloroethene	**5.56**		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
2-Hexanone	ND		ug/L	50.0	1	07/29/06 20:45	SW846 8260B	6074840
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-07 (TW-07 - Ground Water) - cont. Sampled: 07/18/06 15:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 20:45	SW846 8260B	6074840
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 20:45	SW846 8260B	6074840
Naphthalene	ND		ug/L	5.00	1	07/29/06 20:45	SW846 8260B	6074840
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Styrene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Toluene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Trichloroethene	**17.6**		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Trichlorofluoromethane	**1.34**		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 20:45	SW846 8260B	6074840
Xylenes, total	ND		ug/L	3.00	1	07/29/06 20:45	SW846 8260B	6074840
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*					*07/29/06 20:45*	*SW846 8260B*	*6074840*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*07/29/06 20:45*	*SW846 8260B*	*6074840*
Surr: Toluene-d8 (78-121%)	*92 %*					*07/29/06 20:45*	*SW846 8260B*	*6074840*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*07/29/06 20:45*	*SW846 8260B*	*6074840*
Sample ID: NPG2765-08 (TW-09 - Ground Water) Sampled: 07/18/06 16:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 21:10	SW846 8260B	6074840
Benzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Bromobenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Bromoform	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Bromomethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
2-Butanone	ND		ug/L	50.0	1	07/29/06 21:10	SW846 8260B	6074840
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Chloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-08 (TW-09 - Ground Water) - cont. Sampled: 07/18/06 16:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Chloromethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Dibromomethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
cis-1,2-Dichloroethene	**1.35**		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
2-Hexanone	ND		ug/L	50.0	1	07/29/06 21:10	SW846 8260B	6074840
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 21:10	SW846 8260B	6074840
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 21:10	SW846 8260B	6074840
Naphthalene	ND		ug/L	5.00	1	07/29/06 21:10	SW846 8260B	6074840
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Styrene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Toluene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Trichloroethene	**56.7**		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-08 (TW-09 - Ground Water) - cont. Sampled: 07/18/06 16:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 21:10	SW846 8260B	6074840
Xylenes, total	ND		ug/L	3.00	1	07/29/06 21:10	SW846 8260B	6074840
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*					*07/29/06 21:10*	*SW846 8260B*	*6074840*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*07/29/06 21:10*	*SW846 8260B*	*6074840*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/29/06 21:10*	*SW846 8260B*	*6074840*
Surr: 4-Bromofluorobenzene (78-126%)	*98 %*					*07/29/06 21:10*	*SW846 8260B*	*6074840*
Sample ID: NPG2765-09 (OB-09 - Ground Water) Sampled: 07/18/06 17:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/29/06 21:35	SW846 8260B	6074840
Benzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Bromobenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Bromochloromethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Bromodichloromethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Bromoform	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Bromomethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
2-Butanone	ND		ug/L	50.0	1	07/29/06 21:35	SW846 8260B	6074840
sec-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
n-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
tert-Butylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Carbon disulfide	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Carbon Tetrachloride	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Chlorobenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Chlorodibromomethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Chloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Chloroform	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Chloromethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
2-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
4-Chlorotoluene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Dibromomethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1-Dichloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2-Dichloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
cis-1,2-Dichloroethene	**2.26**		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1-Dichloroethene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-09 (OB-09 - Ground Water) - cont. Sampled: 07/18/06 17:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
2,2-Dichloropropane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1-Dichloropropene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Ethylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Hexachlorobutadiene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
2-Hexanone	ND		ug/L	50.0	1	07/29/06 21:35	SW846 8260B	6074840
Isopropylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
p-Isopropyltoluene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Methylene Chloride	ND		ug/L	5.00	1	07/29/06 21:35	SW846 8260B	6074840
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/29/06 21:35	SW846 8260B	6074840
Naphthalene	ND		ug/L	5.00	1	07/29/06 21:35	SW846 8260B	6074840
n-Propylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Styrene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Tetrachloroethene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Toluene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Trichloroethene	**60.4**		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Trichlorofluoromethane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Vinyl chloride	ND		ug/L	1.00	1	07/29/06 21:35	SW846 8260B	6074840
Xylenes, total	ND		ug/L	3.00	1	07/29/06 21:35	SW846 8260B	6074840
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*					*07/29/06 21:35*	*SW846 8260B*	*6074840*
Surr: Dibromofluoromethane (79-122%)	*102 %*					*07/29/06 21:35*	*SW846 8260B*	*6074840*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/29/06 21:35*	*SW846 8260B*	*6074840*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*07/29/06 21:35*	*SW846 8260B*	*6074840*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-10 (BR-08 - Ground Water) Sampled: 07/19/06 09:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**69.1**		ug/L	50.0	1	07/31/06 20:37	SW846 8260B	6075354
Benzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Bromobenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Bromoform	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Bromomethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
2-Butanone	ND		ug/L	50.0	1	07/31/06 20:37	SW846 8260B	6075354
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Chloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Chloroform	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Chloromethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Dibromomethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
cis-1,2-Dichloroethene	**80.2**		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
2-Hexanone	ND		ug/L	50.0	1	07/31/06 20:37	SW846 8260B	6075354
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-10 (BR-08 - Ground Water) - cont. Sampled: 07/19/06 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 20:37	SW846 8260B	6075354
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 20:37	SW846 8260B	6075354
Naphthalene	ND		ug/L	5.00	1	07/31/06 20:37	SW846 8260B	6075354
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Styrene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Toluene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Trichloroethene	**12.5**		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Vinyl chloride	**2.90**		ug/L	1.00	1	07/31/06 20:37	SW846 8260B	6075354
Xylenes, total	ND		ug/L	3.00	1	07/31/06 20:37	SW846 8260B	6075354
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*					*07/31/06 20:37*	*SW846 8260B*	*6075354*
Surr: Dibromofluoromethane (79-122%)	*95 %*					*07/31/06 20:37*	*SW846 8260B*	*6075354*
Surr: Toluene-d8 (78-121%)	*107 %*					*07/31/06 20:37*	*SW846 8260B*	*6075354*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*07/31/06 20:37*	*SW846 8260B*	*6075354*
Sample ID: NPG2765-11 (OB-07 - Ground Water) Sampled: 07/19/06 11:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 20:09	SW846 8260B	6075354
Benzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Bromobenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Bromoform	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Bromomethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
2-Butanone	ND		ug/L	50.0	1	07/31/06 20:09	SW846 8260B	6075354
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Chloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-11 (OB-07 - Ground Water) - cont. Sampled: 07/19/06 11:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Chloromethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Dibromomethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
2-Hexanone	ND		ug/L	50.0	1	07/31/06 20:09	SW846 8260B	6075354
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 20:09	SW846 8260B	6075354
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 20:09	SW846 8260B	6075354
Naphthalene	ND		ug/L	5.00	1	07/31/06 20:09	SW846 8260B	6075354
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Styrene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Toluene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Trichloroethene	**9.90**		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-11 (OB-07 - Ground Water) - cont. Sampled: 07/19/06 11:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Vinyl chloride	ND		ug/L	1.00	1	07/31/06 20:09	SW846 8260B	6075354
Xylenes, total	ND		ug/L	3.00	1	07/31/06 20:09	SW846 8260B	6075354
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*					*07/31/06 20:09*	*SW846 8260B*	*6075354*
Surr: Dibromofluoromethane (79-122%)	*94 %*					*07/31/06 20:09*	*SW846 8260B*	*6075354*
Surr: Toluene-d8 (78-121%)	*108 %*					*07/31/06 20:09*	*SW846 8260B*	*6075354*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*07/31/06 20:09*	*SW846 8260B*	*6075354*
Sample ID: NPG2765-12 (W-S - Ground Water) Sampled: 07/19/06 14:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 21:06	SW846 8260B	6075354
Benzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Bromobenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Bromoform	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Bromomethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
2-Butanone	ND		ug/L	50.0	1	07/31/06 21:06	SW846 8260B	6075354
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Chloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Chloroform	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Chloromethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Dibromomethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
cis-1,2-Dichloroethene	**104**		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
trans-1,2-Dichloroethene	**2.34**		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-12 (W-S - Ground Water) - cont. Sampled: 07/19/06 14:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
2-Hexanone	ND		ug/L	50.0	1	07/31/06 21:06	SW846 8260B	6075354
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 21:06	SW846 8260B	6075354
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 21:06	SW846 8260B	6075354
Naphthalene	ND		ug/L	5.00	1	07/31/06 21:06	SW846 8260B	6075354
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Styrene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Toluene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Trichloroethene	**212**		ug/L	10.0	10	08/01/06 16:25	SW846 8260B	6075682
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Vinyl chloride	**3.63**		ug/L	1.00	1	07/31/06 21:06	SW846 8260B	6075354
Xylenes, total	ND		ug/L	3.00	1	07/31/06 21:06	SW846 8260B	6075354
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*07/31/06 21:06*	*SW846 8260B*	*6075354*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*112 %*					*08/01/06 16:25*	*SW846 8260B*	*6075682*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*07/31/06 21:06*	*SW846 8260B*	*6075354*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*08/01/06 16:25*	*SW846 8260B*	*6075682*
Surr: Toluene-d8 (78-121%)	*108 %*					*07/31/06 21:06*	*SW846 8260B*	*6075354*
Surr: Toluene-d8 (78-121%)	*99 %*					*08/01/06 16:25*	*SW846 8260B*	*6075682*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*07/31/06 21:06*	*SW846 8260B*	*6075354*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*08/01/06 16:25*	*SW846 8260B*	*6075682*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-13 (W-S DUP - Ground Water) Sampled: 07/19/06 14:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 21:34	SW846 8260B	6075354
Benzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Bromobenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Bromoform	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Bromomethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
2-Butanone	ND		ug/L	50.0	1	07/31/06 21:34	SW846 8260B	6075354
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Chloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Chloroform	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Chloromethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Dibromomethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
cis-1,2-Dichloroethene	**99.0**		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
trans-1,2-Dichloroethene	**2.30**		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
2-Hexanone	ND		ug/L	50.0	1	07/31/06 21:34	SW846 8260B	6075354
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-13 (W-S DUP - Ground Water) - cont. Sampled: 07/19/06 14:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 21:34	SW846 8260B	6075354
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 21:34	SW846 8260B	6075354
Naphthalene	ND		ug/L	5.00	1	07/31/06 21:34	SW846 8260B	6075354
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Styrene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Toluene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Trichloroethene	**219**		ug/L	10.0	10	08/01/06 16:53	SW846 8260B	6075682
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Vinyl chloride	**3.81**		ug/L	1.00	1	07/31/06 21:34	SW846 8260B	6075354
Xylenes, total	ND		ug/L	3.00	1	07/31/06 21:34	SW846 8260B	6075354
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*07/31/06 21:34*	*SW846 8260B*	*6075354*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*08/01/06 16:53*	*SW846 8260B*	*6075682*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*07/31/06 21:34*	*SW846 8260B*	*6075354*
Surr: Dibromofluoromethane (79-122%)	*97 %*					*08/01/06 16:53*	*SW846 8260B*	*6075682*
Surr: Toluene-d8 (78-121%)	*109 %*					*07/31/06 21:34*	*SW846 8260B*	*6075354*
Surr: Toluene-d8 (78-121%)	*96 %*					*08/01/06 16:53*	*SW846 8260B*	*6075682*
Surr: 4-Bromofluorobenzene (78-126%)	*92 %*					*07/31/06 21:34*	*SW846 8260B*	*6075354*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/01/06 16:53*	*SW846 8260B*	*6075682*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-14 (BR-01 - Ground Water) Sampled: 07/19/06 15:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 01:47	SW846 8260B	6075341
Benzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Bromobenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Bromoform	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Bromomethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
2-Butanone	ND		ug/L	50.0	1	08/01/06 01:47	SW846 8260B	6075341
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Chloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Chloroform	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Chloromethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Dibromomethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
cis-1,2-Dichloroethene	**3.09**		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
2-Hexanone	ND		ug/L	50.0	1	08/01/06 01:47	SW846 8260B	6075341
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-14 (BR-01 - Ground Water) - cont. Sampled: 07/19/06 15:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 01:47	SW846 8260B	6075341
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 01:47	SW846 8260B	6075341
Naphthalene	ND		ug/L	5.00	1	08/01/06 01:47	SW846 8260B	6075341
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Styrene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Toluene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Trichloroethene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Vinyl chloride	ND		ug/L	1.00	1	08/01/06 01:47	SW846 8260B	6075341
Xylenes, total	ND		ug/L	3.00	1	08/01/06 01:47	SW846 8260B	6075341
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*08/01/06 01:47*	*SW846 8260B*	*6075341*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*08/01/06 01:47*	*SW846 8260B*	*6075341*
Surr: Toluene-d8 (78-121%)	*105 %*					*08/01/06 01:47*	*SW846 8260B*	*6075341*
Surr: 4-Bromofluorobenzene (78-126%)	*91 %*					*08/01/06 01:47*	*SW846 8260B*	*6075341*
Sample ID: NPG2765-15 (BR-03 - Ground Water) Sampled: 07/19/06 16:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 02:15	SW846 8260B	6075341
Benzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Bromobenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Bromoform	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Bromomethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
2-Butanone	ND		ug/L	50.0	1	08/01/06 02:15	SW846 8260B	6075341
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Chloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-15 (BR-03 - Ground Water) - cont. Sampled: 07/19/06 16:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Chloromethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Dibromomethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
cis-1,2-Dichloroethene	**6.97**		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
2-Hexanone	ND		ug/L	50.0	1	08/01/06 02:15	SW846 8260B	6075341
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 02:15	SW846 8260B	6075341
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 02:15	SW846 8260B	6075341
Naphthalene	ND		ug/L	5.00	1	08/01/06 02:15	SW846 8260B	6075341
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Styrene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Toluene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Trichloroethene	**248**		ug/L	10.0	10	08/01/06 17:21	SW846 8260B	6075682
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-15 (BR-03 - Ground Water) - cont. Sampled: 07/19/06 16:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Vinyl chloride	ND		ug/L	1.00	1	08/01/06 02:15	SW846 8260B	6075341
Xylenes, total	ND		ug/L	3.00	1	08/01/06 02:15	SW846 8260B	6075341
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*08/01/06 02:15*	*SW846 8260B*	*6075341*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*08/01/06 17:21*	*SW846 8260B*	*6075682*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*08/01/06 02:15*	*SW846 8260B*	*6075341*
Surr: Dibromofluoromethane (79-122%)	*100 %*					*08/01/06 17:21*	*SW846 8260B*	*6075682*
Surr: Toluene-d8 (78-121%)	*111 %*					*08/01/06 02:15*	*SW846 8260B*	*6075341*
Surr: Toluene-d8 (78-121%)	*94 %*					*08/01/06 17:21*	*SW846 8260B*	*6075682*
Surr: 4-Bromofluorobenzene (78-126%)	*93 %*					*08/01/06 02:15*	*SW846 8260B*	*6075341*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*08/01/06 17:21*	*SW846 8260B*	*6075682*
Sample ID: NPG2765-16 (BR-07 - Ground Water) Sampled: 07/19/06 17:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 02:43	SW846 8260B	6075341
Benzene	**1.11**		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Bromobenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Bromoform	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Bromomethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
2-Butanone	ND		ug/L	50.0	1	08/01/06 02:43	SW846 8260B	6075341
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Chloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Chloroform	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Chloromethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Dibromomethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-16 (BR-07 - Ground Water) - cont. Sampled: 07/19/06 17:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
cis-1,2-Dichloroethene	**4.54**		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
trans-1,2-Dichloroethene	**3.79**		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
2-Hexanone	ND		ug/L	50.0	1	08/01/06 02:43	SW846 8260B	6075341
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 02:43	SW846 8260B	6075341
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 02:43	SW846 8260B	6075341
Naphthalene	ND		ug/L	5.00	1	08/01/06 02:43	SW846 8260B	6075341
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Styrene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Toluene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Trichloroethene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Vinyl chloride	**11.2**		ug/L	1.00	1	08/01/06 02:43	SW846 8260B	6075341
Xylenes, total	ND		ug/L	3.00	1	08/01/06 02:43	SW846 8260B	6075341
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*08/01/06 02:43*	*SW846 8260B*	*6075341*
Surr: Dibromofluoromethane (79-122%)	*95 %*					*08/01/06 02:43*	*SW846 8260B*	*6075341*
Surr: Toluene-d8 (78-121%)	*112 %*					*08/01/06 02:43*	*SW846 8260B*	*6075341*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/01/06 02:43*	*SW846 8260B*	*6075341*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-17 (BR-07 DUP - Ground Water) Sampled: 07/19/06 17:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 03:11	SW846 8260B	6075341
Benzene	**1.17**		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Bromobenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Bromoform	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Bromomethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
2-Butanone	ND		ug/L	50.0	1	08/01/06 03:11	SW846 8260B	6075341
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Chloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Chloroform	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Chloromethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Dibromomethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
cis-1,2-Dichloroethene	**4.69**		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
trans-1,2-Dichloroethene	**3.84**		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
2-Hexanone	ND		ug/L	50.0	1	08/01/06 03:11	SW846 8260B	6075341
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-17 (BR-07 DUP - Ground Water) - cont. Sampled: 07/19/06 17:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 03:11	SW846 8260B	6075341
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 03:11	SW846 8260B	6075341
Naphthalene	ND		ug/L	5.00	1	08/01/06 03:11	SW846 8260B	6075341
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Styrene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Toluene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Trichloroethene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Vinyl chloride	**11.0**		ug/L	1.00	1	08/01/06 03:11	SW846 8260B	6075341
Xylenes, total	ND		ug/L	3.00	1	08/01/06 03:11	SW846 8260B	6075341
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*08/01/06 03:11*	*SW846 8260B*	*6075341*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*08/01/06 03:11*	*SW846 8260B*	*6075341*
Surr: Toluene-d8 (78-121%)	*112 %*					*08/01/06 03:11*	*SW846 8260B*	*6075341*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/01/06 03:11*	*SW846 8260B*	*6075341*
Sample ID: NPG2765-18 (BR-02 - Ground Water) Sampled: 07/19/06 18:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 03:39	SW846 8260B	6075341
Benzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Bromobenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Bromoform	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Bromomethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
2-Butanone	ND		ug/L	50.0	1	08/01/06 03:39	SW846 8260B	6075341
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Chloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-18 (BR-02 - Ground Water) - cont. Sampled: 07/19/06 18:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Chloromethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Dibromomethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
cis-1,2-Dichloroethene	**16.9**		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
trans-1,2-Dichloroethene	**8.29**		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
2-Hexanone	ND		ug/L	50.0	1	08/01/06 03:39	SW846 8260B	6075341
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 03:39	SW846 8260B	6075341
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 03:39	SW846 8260B	6075341
Naphthalene	ND		ug/L	5.00	1	08/01/06 03:39	SW846 8260B	6075341
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Styrene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Toluene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Trichloroethene	**120**		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2765-18 (BR-02 - Ground Water) - cont. Sampled: 07/19/06 18:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Vinyl chloride	ND		ug/L	1.00	1	08/01/06 03:39	SW846 8260B	6075341
Xylenes, total	ND		ug/L	3.00	1	08/01/06 03:39	SW846 8260B	6075341
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*08/01/06 03:39*	*SW846 8260B*	*6075341*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*08/01/06 03:39*	*SW846 8260B*	*6075341*
Surr: Toluene-d8 (78-121%)	*109 %*					*08/01/06 03:39*	*SW846 8260B*	*6075341*
Surr: 4-Bromofluorobenzene (78-126%)	*92 %*					*08/01/06 03:39*	*SW846 8260B*	*6075341*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6074840-BLK1						
Acetone	<5.91		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Benzene	<0.290		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Bromobenzene	<0.470		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Bromochloromethane	<0.420		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Bromodichloromethane	<0.380		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Bromoform	<0.500		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Bromomethane	<0.600		ug/L	6074840	6074840-BLK1	07/30/06 03:51
2-Butanone	<5.09		ug/L	6074840	6074840-BLK1	07/30/06 03:51
sec-Butylbenzene	<0.380		ug/L	6074840	6074840-BLK1	07/30/06 03:51
n-Butylbenzene	<0.460		ug/L	6074840	6074840-BLK1	07/30/06 03:51
tert-Butylbenzene	<0.390		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Carbon disulfide	<0.310		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Carbon Tetrachloride	<0.480		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Chlorobenzene	<0.320		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Chlorodibromomethane	<0.360		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Chloroethane	<0.500		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Chloroform	<0.380		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Chloromethane	<0.460		ug/L	6074840	6074840-BLK1	07/30/06 03:51
2-Chlorotoluene	<0.270		ug/L	6074840	6074840-BLK1	07/30/06 03:51
4-Chlorotoluene	<0.370		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2-Dibromoethane (EDB)	<0.380		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Dibromomethane	<0.570		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,4-Dichlorobenzene	<0.460		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,3-Dichlorobenzene	<0.360		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2-Dichlorobenzene	<0.370		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Dichlorodifluoromethane	<0.410		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1-Dichloroethane	<0.320		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2-Dichloroethane	<0.280		ug/L	6074840	6074840-BLK1	07/30/06 03:51
cis-1,2-Dichloroethene	<0.390		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1-Dichloroethene	<0.450		ug/L	6074840	6074840-BLK1	07/30/06 03:51
trans-1,2-Dichloroethene	<0.340		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,3-Dichloropropane	<0.630		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2-Dichloropropane	<0.500		ug/L	6074840	6074840-BLK1	07/30/06 03:51
2,2-Dichloropropane	<0.660		ug/L	6074840	6074840-BLK1	07/30/06 03:51
cis-1,3-Dichloropropene	<0.450		ug/L	6074840	6074840-BLK1	07/30/06 03:51
trans-1,3-Dichloropropene	<0.490		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1-Dichloropropene	<0.510		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Ethylbenzene	<0.340		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Hexachlorobutadiene	<0.670		ug/L	6074840	6074840-BLK1	07/30/06 03:51
2-Hexanone	<2.53		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Isopropylbenzene	<0.340		ug/L	6074840	6074840-BLK1	07/30/06 03:51

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6074840-BLK1						
p-Isopropyltoluene	<0.340		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Methyl tert-Butyl Ether	<0.320		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Methylene Chloride	<1.26		ug/L	6074840	6074840-BLK1	07/30/06 03:51
4-Methyl-2-pentanone	<4.25		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Naphthalene	<1.13		ug/L	6074840	6074840-BLK1	07/30/06 03:51
n-Propylbenzene	<0.370		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Styrene	<0.390		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Tetrachloroethene	<0.390		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Toluene	<0.280		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2,3-Trichlorobenzene	<0.560		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2,4-Trichlorobenzene	<0.790		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1,2-Trichloroethane	<0.420		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,1,1-Trichloroethane	<0.400		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Trichloroethene	<0.450		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Trichlorofluoromethane	<0.480		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2,3-Trichloropropane	<0.560		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,3,5-Trimethylbenzene	<0.280		ug/L	6074840	6074840-BLK1	07/30/06 03:51
1,2,4-Trimethylbenzene	<0.340		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Vinyl chloride	<0.430		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Xylenes, total	<0.820		ug/L	6074840	6074840-BLK1	07/30/06 03:51
Surrogate: 1,2-Dichloroethane-d4	98%			6074840	6074840-BLK1	07/30/06 03:51
Surrogate: Dibromofluoromethane	99%			6074840	6074840-BLK1	07/30/06 03:51
Surrogate: Toluene-d8	93%			6074840	6074840-BLK1	07/30/06 03:51
Surrogate: 4-Bromofluorobenzene	100%			6074840	6074840-BLK1	07/30/06 03:51
6075341-BLK1						
Acetone	<5.91		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Benzene	<0.290		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Bromobenzene	<0.470		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Bromochloromethane	<0.420		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Bromodichloromethane	<0.380		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Bromoform	<0.500		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Bromomethane	<0.600		ug/L	6075341	6075341-BLK1	08/01/06 00:51
2-Butanone	<5.09		ug/L	6075341	6075341-BLK1	08/01/06 00:51
sec-Butylbenzene	<0.380		ug/L	6075341	6075341-BLK1	08/01/06 00:51
n-Butylbenzene	<0.460		ug/L	6075341	6075341-BLK1	08/01/06 00:51
tert-Butylbenzene	<0.390		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Carbon disulfide	<0.310		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Carbon Tetrachloride	<0.480		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Chlorobenzene	<0.320		ug/L	6075341	6075341-BLK1	08/01/06 00:51

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075341-BLK1						
Chlorodibromomethane	<0.360		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Chloroethane	<0.500		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Chloroform	<0.380		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Chloromethane	<0.460		ug/L	6075341	6075341-BLK1	08/01/06 00:51
2-Chlorotoluene	<0.270		ug/L	6075341	6075341-BLK1	08/01/06 00:51
4-Chlorotoluene	<0.370		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2-Dibromoethane (EDB)	<0.380		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Dibromomethane	<0.570		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,4-Dichlorobenzene	<0.460		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,3-Dichlorobenzene	<0.360		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2-Dichlorobenzene	<0.370		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Dichlorodifluoromethane	<0.410		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1-Dichloroethane	<0.320		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2-Dichloroethane	<0.280		ug/L	6075341	6075341-BLK1	08/01/06 00:51
cis-1,2-Dichloroethene	<0.390		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1-Dichloroethene	<0.450		ug/L	6075341	6075341-BLK1	08/01/06 00:51
trans-1,2-Dichloroethene	<0.340		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,3-Dichloropropane	<0.630		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2-Dichloropropane	<0.500		ug/L	6075341	6075341-BLK1	08/01/06 00:51
2,2-Dichloropropane	<0.660		ug/L	6075341	6075341-BLK1	08/01/06 00:51
cis-1,3-Dichloropropene	<0.450		ug/L	6075341	6075341-BLK1	08/01/06 00:51
trans-1,3-Dichloropropene	<0.490		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1-Dichloropropene	<0.510		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Ethylbenzene	<0.340		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Hexachlorobutadiene	<0.670		ug/L	6075341	6075341-BLK1	08/01/06 00:51
2-Hexanone	<2.53		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Isopropylbenzene	<0.340		ug/L	6075341	6075341-BLK1	08/01/06 00:51
p-Isopropyltoluene	<0.340		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Methyl tert-Butyl Ether	<0.320		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Methylene Chloride	<1.26		ug/L	6075341	6075341-BLK1	08/01/06 00:51
4-Methyl-2-pentanone	<4.25		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Naphthalene	<1.13		ug/L	6075341	6075341-BLK1	08/01/06 00:51
n-Propylbenzene	<0.370		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Styrene	<0.390		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Tetrachloroethene	<0.390		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Toluene	<0.280		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2,3-Trichlorobenzene	<0.560		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2,4-Trichlorobenzene	<0.790		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,1,2-Trichloroethane	<0.420		ug/L	6075341	6075341-BLK1	08/01/06 00:51

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
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Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075341-BLK1						
1,1,1-Trichloroethane	<0.400		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Trichloroethene	<0.450		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Trichlorofluoromethane	<0.480		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2,3-Trichloropropane	<0.560		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,3,5-Trimethylbenzene	<0.280		ug/L	6075341	6075341-BLK1	08/01/06 00:51
1,2,4-Trimethylbenzene	<0.340		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Vinyl chloride	<0.430		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Xylenes, total	<0.820		ug/L	6075341	6075341-BLK1	08/01/06 00:51
Surrogate: 1,2-Dichloroethane-d4	103%			6075341	6075341-BLK1	08/01/06 00:51
Surrogate: Dibromofluoromethane	95%			6075341	6075341-BLK1	08/01/06 00:51
Surrogate: Toluene-d8	108%			6075341	6075341-BLK1	08/01/06 00:51
Surrogate: 4-Bromofluorobenzene	101%			6075341	6075341-BLK1	08/01/06 00:51
6075354-BLK1						
Acetone	<5.91		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Benzene	<0.290		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Bromobenzene	<0.470		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Bromochloromethane	<0.420		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Bromodichloromethane	<0.380		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Bromoform	<0.500		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Bromomethane	<0.600		ug/L	6075354	6075354-BLK1	07/31/06 13:05
2-Butanone	<5.09		ug/L	6075354	6075354-BLK1	07/31/06 13:05
sec-Butylbenzene	<0.380		ug/L	6075354	6075354-BLK1	07/31/06 13:05
n-Butylbenzene	<0.460		ug/L	6075354	6075354-BLK1	07/31/06 13:05
tert-Butylbenzene	<0.390		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Carbon disulfide	<0.310		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Carbon Tetrachloride	<0.480		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Chlorobenzene	<0.320		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Chlorodibromomethane	<0.360		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Chloroethane	<0.500		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Chloroform	<0.380		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Chloromethane	<0.460		ug/L	6075354	6075354-BLK1	07/31/06 13:05
2-Chlorotoluene	<0.270		ug/L	6075354	6075354-BLK1	07/31/06 13:05
4-Chlorotoluene	<0.370		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2-Dibromoethane (EDB)	<0.380		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Dibromomethane	<0.570		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,4-Dichlorobenzene	<0.460		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,3-Dichlorobenzene	<0.360		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2-Dichlorobenzene	<0.370		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Dichlorodifluoromethane	<0.410		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1-Dichloroethane	<0.320		ug/L	6075354	6075354-BLK1	07/31/06 13:05

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075354-BLK1						
1,2-Dichloroethane	<0.280		ug/L	6075354	6075354-BLK1	07/31/06 13:05
cis-1,2-Dichloroethene	<0.390		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1-Dichloroethene	<0.450		ug/L	6075354	6075354-BLK1	07/31/06 13:05
trans-1,2-Dichloroethene	<0.340		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,3-Dichloropropane	<0.630		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2-Dichloropropane	<0.500		ug/L	6075354	6075354-BLK1	07/31/06 13:05
2,2-Dichloropropane	<0.660		ug/L	6075354	6075354-BLK1	07/31/06 13:05
cis-1,3-Dichloropropene	<0.450		ug/L	6075354	6075354-BLK1	07/31/06 13:05
trans-1,3-Dichloropropene	<0.490		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1-Dichloropropene	<0.510		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Ethylbenzene	<0.340		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Hexachlorobutadiene	<0.670		ug/L	6075354	6075354-BLK1	07/31/06 13:05
2-Hexanone	<2.53		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Isopropylbenzene	<0.340		ug/L	6075354	6075354-BLK1	07/31/06 13:05
p-Isopropyltoluene	<0.340		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Methyl tert-Butyl Ether	<0.320		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Methylene Chloride	<1.26		ug/L	6075354	6075354-BLK1	07/31/06 13:05
4-Methyl-2-pentanone	<4.25		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Naphthalene	<1.13		ug/L	6075354	6075354-BLK1	07/31/06 13:05
n-Propylbenzene	<0.370		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Styrene	<0.390		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Tetrachloroethene	<0.390		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Toluene	<0.280		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2,3-Trichlorobenzene	<0.560		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2,4-Trichlorobenzene	<0.790		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1,2-Trichloroethane	<0.420		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,1,1-Trichloroethane	<0.400		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Trichloroethene	<0.450		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Trichlorofluoromethane	<0.480		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2,3-Trichloropropane	<0.560		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,3,5-Trimethylbenzene	<0.280		ug/L	6075354	6075354-BLK1	07/31/06 13:05
1,2,4-Trimethylbenzene	<0.340		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Vinyl chloride	<0.430		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Xylenes, total	<0.820		ug/L	6075354	6075354-BLK1	07/31/06 13:05
Surrogate: 1,2-Dichloroethane-d4	93%			6075354	6075354-BLK1	07/31/06 13:05
Surrogate: Dibromofluoromethane	92%			6075354	6075354-BLK1	07/31/06 13:05
Surrogate: Toluene-d8	107%			6075354	6075354-BLK1	07/31/06 13:05
Surrogate: 4-Bromofluorobenzene	101%			6075354	6075354-BLK1	07/31/06 13:05
6075682-BLK1						

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075682-BLK1						
Acetone	<5.91		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Benzene	<0.290		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromobenzene	<0.470		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromochloromethane	<0.420		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromodichloromethane	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromoform	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromomethane	<0.600		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Butanone	<5.09		ug/L	6075682	6075682-BLK1	08/01/06 14:32
sec-Butylbenzene	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
n-Butylbenzene	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
tert-Butylbenzene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Carbon disulfide	<0.310		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Carbon Tetrachloride	<0.480		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chlorobenzene	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chlorodibromomethane	<0.360		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloroethane	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloroform	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloromethane	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Chlorotoluene	<0.270		ug/L	6075682	6075682-BLK1	08/01/06 14:32
4-Chlorotoluene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dibromoethane (EDB)	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Dibromomethane	<0.570		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,4-Dichlorobenzene	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3-Dichlorobenzene	<0.360		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichlorobenzene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Dichlorodifluoromethane	<0.410		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloroethane	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichloroethane	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
cis-1,2-Dichloroethene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloroethene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
trans-1,2-Dichloroethene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3-Dichloropropane	<0.630		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichloropropane	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2,2-Dichloropropane	<0.660		ug/L	6075682	6075682-BLK1	08/01/06 14:32
cis-1,3-Dichloropropene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
trans-1,3-Dichloropropene	<0.490		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloropropene	<0.510		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Ethylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Hexachlorobutadiene	<0.670		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Hexanone	<2.53		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Isopropylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075682-BLK1						
p-Isopropyltoluene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Methyl tert-Butyl Ether	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Methylene Chloride	<1.26		ug/L	6075682	6075682-BLK1	08/01/06 14:32
4-Methyl-2-pentanone	<4.25		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Naphthalene	<1.13		ug/L	6075682	6075682-BLK1	08/01/06 14:32
n-Propylbenzene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Styrene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Tetrachloroethene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Toluene	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,3-Trichlorobenzene	<0.560		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,4-Trichlorobenzene	<0.790		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,2-Trichloroethane	<0.420		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,1-Trichloroethane	<0.400		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Trichloroethene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Trichlorofluoromethane	<0.480		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,3-Trichloropropane	<0.560		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3,5-Trimethylbenzene	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,4-Trimethylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Vinyl chloride	<0.430		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Xylenes, total	<0.820		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Surrogate: 1,2-Dichloroethane-d4	102%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: Dibromofluoromethane	98%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: Toluene-d8	96%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: 4-Bromofluorobenzene	95%			6075682	6075682-BLK1	08/01/06 14:32
6075716-BLK1						
Acetone	<5.91		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Benzene	<0.290		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Bromobenzene	<0.470		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Bromochloromethane	<0.420		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Bromodichloromethane	<0.380		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Bromoform	<0.500		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Bromomethane	<0.600		ug/L	6075716	6075716-BLK1	07/28/06 22:19
2-Butanone	<5.09		ug/L	6075716	6075716-BLK1	07/28/06 22:19
sec-Butylbenzene	<0.380		ug/L	6075716	6075716-BLK1	07/28/06 22:19
n-Butylbenzene	<0.460		ug/L	6075716	6075716-BLK1	07/28/06 22:19
tert-Butylbenzene	<0.390		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Carbon disulfide	<0.310		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Carbon Tetrachloride	<0.480		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Chlorobenzene	<0.320		ug/L	6075716	6075716-BLK1	07/28/06 22:19

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075716-BLK1						
Chlorodibromomethane	<0.360		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Chloroethane	<0.500		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Chloroform	<0.380		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Chloromethane	<0.460		ug/L	6075716	6075716-BLK1	07/28/06 22:19
2-Chlorotoluene	<0.270		ug/L	6075716	6075716-BLK1	07/28/06 22:19
4-Chlorotoluene	<0.370		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2-Dibromoethane (EDB)	<0.380		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Dibromomethane	<0.570		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,4-Dichlorobenzene	<0.460		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,3-Dichlorobenzene	<0.360		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2-Dichlorobenzene	<0.370		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Dichlorodifluoromethane	<0.410		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1-Dichloroethane	<0.320		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2-Dichloroethane	<0.280		ug/L	6075716	6075716-BLK1	07/28/06 22:19
cis-1,2-Dichloroethene	<0.390		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1-Dichloroethene	<0.450		ug/L	6075716	6075716-BLK1	07/28/06 22:19
trans-1,2-Dichloroethene	<0.340		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,3-Dichloropropane	<0.630		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2-Dichloropropane	<0.500		ug/L	6075716	6075716-BLK1	07/28/06 22:19
2,2-Dichloropropane	<0.660		ug/L	6075716	6075716-BLK1	07/28/06 22:19
cis-1,3-Dichloropropene	<0.450		ug/L	6075716	6075716-BLK1	07/28/06 22:19
trans-1,3-Dichloropropene	<0.490		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1-Dichloropropene	<0.510		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Ethylbenzene	<0.340		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Hexachlorobutadiene	<0.670		ug/L	6075716	6075716-BLK1	07/28/06 22:19
2-Hexanone	<2.53		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Isopropylbenzene	<0.340		ug/L	6075716	6075716-BLK1	07/28/06 22:19
p-Isopropyltoluene	<0.340		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Methyl tert-Butyl Ether	<0.320		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Methylene Chloride	<1.26		ug/L	6075716	6075716-BLK1	07/28/06 22:19
4-Methyl-2-pentanone	<4.25		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Naphthalene	<1.13		ug/L	6075716	6075716-BLK1	07/28/06 22:19
n-Propylbenzene	<0.370		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Styrene	<0.390		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Tetrachloroethene	<0.390		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Toluene	<0.280		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2,3-Trichlorobenzene	<0.560		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2,4-Trichlorobenzene	<0.790		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,1,2-Trichloroethane	<0.420		ug/L	6075716	6075716-BLK1	07/28/06 22:19

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075716-BLK1						
1,1,1-Trichloroethane	<0.400		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Trichloroethene	<0.450		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Trichlorofluoromethane	<0.480		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2,3-Trichloropropane	<0.560		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,3,5-Trimethylbenzene	<0.280		ug/L	6075716	6075716-BLK1	07/28/06 22:19
1,2,4-Trimethylbenzene	<0.340		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Vinyl chloride	<0.430		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Xylenes, total	<0.820		ug/L	6075716	6075716-BLK1	07/28/06 22:19
Surrogate: 1,2-Dichloroethane-d4	76%			6075716	6075716-BLK1	07/28/06 22:19
Surrogate: Dibromofluoromethane	88%			6075716	6075716-BLK1	07/28/06 22:19
Surrogate: Toluene-d8	94%			6075716	6075716-BLK1	07/28/06 22:19
Surrogate: 4-Bromofluorobenzene	93%			6075716	6075716-BLK1	07/28/06 22:19

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6074840-BS1								
Acetone	250	281		ug/L	112%	28 - 157	6074840	07/30/06 02:36
Benzene	50.0	55.0		ug/L	110%	78 - 122	6074840	07/30/06 02:36
Bromobenzene	50.0	49.2		ug/L	98%	77 - 122	6074840	07/30/06 02:36
Bromochloromethane	50.0	57.4		ug/L	115%	74 - 130	6074840	07/30/06 02:36
Bromodichloromethane	50.0	56.8		ug/L	114%	71 - 134	6074840	07/30/06 02:36
Bromoform	50.0	48.7		ug/L	97%	44 - 140	6074840	07/30/06 02:36
Bromomethane	50.0	55.0		ug/L	110%	49 - 157	6074840	07/30/06 02:36
2-Butanone	250	285		ug/L	114%	54 - 151	6074840	07/30/06 02:36
sec-Butylbenzene	50.0	54.8		ug/L	110%	75 - 131	6074840	07/30/06 02:36
n-Butylbenzene	50.0	49.5		ug/L	99%	69 - 137	6074840	07/30/06 02:36
tert-Butylbenzene	50.0	55.8		ug/L	112%	74 - 129	6074840	07/30/06 02:36
Carbon disulfide	50.0	56.0		ug/L	112%	64 - 139	6074840	07/30/06 02:36
Carbon Tetrachloride	50.0	58.0		ug/L	116%	63 - 140	6074840	07/30/06 02:36
Chlorobenzene	50.0	52.8		ug/L	106%	83 - 118	6074840	07/30/06 02:36
Chlorodibromomethane	50.0	50.0		ug/L	100%	69 - 128	6074840	07/30/06 02:36
Chloroethane	50.0	49.9		ug/L	100%	57 - 142	6074840	07/30/06 02:36
Chloroform	50.0	54.1		ug/L	108%	72 - 128	6074840	07/30/06 02:36
Chloromethane	50.0	46.5		ug/L	93%	37 - 158	6074840	07/30/06 02:36
2-Chlorotoluene	50.0	53.2		ug/L	106%	74 - 131	6074840	07/30/06 02:36
4-Chlorotoluene	50.0	53.4		ug/L	107%	77 - 128	6074840	07/30/06 02:36
1,2-Dibromo-3-chloropropane	50.0	54.8		ug/L	110%	54 - 130	6074840	07/30/06 02:36
1,2-Dibromoethane (EDB)	50.0	54.2		ug/L	108%	76 - 128	6074840	07/30/06 02:36
Dibromomethane	50.0	55.6		ug/L	111%	74 - 129	6074840	07/30/06 02:36
1,4-Dichlorobenzene	50.0	50.4		ug/L	101%	80 - 119	6074840	07/30/06 02:36
1,3-Dichlorobenzene	50.0	52.8		ug/L	106%	81 - 124	6074840	07/30/06 02:36
1,2-Dichlorobenzene	50.0	57.1		ug/L	114%	82 - 123	6074840	07/30/06 02:36
Dichlorodifluoromethane	50.0	33.6		ug/L	67%	30 - 161	6074840	07/30/06 02:36
1,1-Dichloroethane	50.0	54.0		ug/L	108%	72 - 130	6074840	07/30/06 02:36
1,2-Dichloroethane	50.0	53.4		ug/L	107%	65 - 137	6074840	07/30/06 02:36
cis-1,2-Dichloroethene	50.0	54.6		ug/L	109%	71 - 131	6074840	07/30/06 02:36
1,1-Dichloroethene	50.0	54.7		ug/L	109%	68 - 133	6074840	07/30/06 02:36
trans-1,2-Dichloroethene	50.0	55.2		ug/L	110%	70 - 132	6074840	07/30/06 02:36
1,3-Dichloropropane	50.0	51.3		ug/L	103%	81 - 121	6074840	07/30/06 02:36
1,2-Dichloropropane	50.0	49.5		ug/L	99%	76 - 128	6074840	07/30/06 02:36
2,2-Dichloropropane	50.0	52.2		ug/L	104%	35 - 159	6074840	07/30/06 02:36
cis-1,3-Dichloropropene	50.0	56.1		ug/L	112%	61 - 138	6074840	07/30/06 02:36
trans-1,3-Dichloropropene	50.0	48.4		ug/L	97%	57 - 130	6074840	07/30/06 02:36
1,1-Dichloropropene	50.0	59.3		ug/L	119%	76 - 127	6074840	07/30/06 02:36
Ethylbenzene	50.0	54.2		ug/L	108%	82 - 122	6074840	07/30/06 02:36
Hexachlorobutadiene	50.0	50.4		ug/L	101%	66 - 137	6074840	07/30/06 02:36
2-Hexanone	250	295		ug/L	118%	63 - 138	6074840	07/30/06 02:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6074840-BS1								
Isopropylbenzene	50.0	54.4		ug/L	109%	75 - 130	6074840	07/30/06 02:36
p-Isopropyltoluene	50.0	53.0		ug/L	106%	76 - 133	6074840	07/30/06 02:36
Methyl tert-Butyl Ether	50.0	56.2		ug/L	112%	65 - 144	6074840	07/30/06 02:36
Methylene Chloride	50.0	57.5		ug/L	115%	74 - 133	6074840	07/30/06 02:36
4-Methyl-2-pentanone	250	288		ug/L	115%	74 - 132	6074840	07/30/06 02:36
Naphthalene	50.0	57.3		ug/L	115%	64 - 144	6074840	07/30/06 02:36
n-Propylbenzene	50.0	52.6		ug/L	105%	76 - 129	6074840	07/30/06 02:36
Styrene	50.0	63.6		ug/L	127%	76 - 130	6074840	07/30/06 02:36
1,1,1,2-Tetrachloroethane	50.0	57.3		ug/L	115%	77 - 128	6074840	07/30/06 02:36
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/L	103%	70 - 129	6074840	07/30/06 02:36
Tetrachloroethene	50.0	51.5		ug/L	103%	77 - 124	6074840	07/30/06 02:36
Toluene	50.0	51.3		ug/L	103%	80 - 120	6074840	07/30/06 02:36
1,2,3-Trichlorobenzene	50.0	54.5		ug/L	109%	69 - 140	6074840	07/30/06 02:36
1,2,4-Trichlorobenzene	50.0	51.7		ug/L	103%	68 - 135	6074840	07/30/06 02:36
1,1,2-Trichloroethane	50.0	52.8		ug/L	106%	83 - 120	6074840	07/30/06 02:36
1,1,1-Trichloroethane	50.0	56.1		ug/L	112%	68 - 135	6074840	07/30/06 02:36
Trichloroethene	50.0	58.0		ug/L	116%	72 - 135	6074840	07/30/06 02:36
Trichlorofluoromethane	50.0	49.3		ug/L	99%	57 - 142	6074840	07/30/06 02:36
1,2,3-Trichloropropane	50.0	53.9		ug/L	108%	68 - 129	6074840	07/30/06 02:36
1,3,5-Trimethylbenzene	50.0	55.2		ug/L	110%	78 - 129	6074840	07/30/06 02:36
1,2,4-Trimethylbenzene	50.0	55.6		ug/L	111%	78 - 126	6074840	07/30/06 02:36
Vinyl chloride	50.0	49.2		ug/L	98%	52 - 143	6074840	07/30/06 02:36
Xylenes, total	150	166		ug/L	111%	81 - 125	6074840	07/30/06 02:36
Surrogate: 1,2-Dichloroethane-d4	50.0	45.3			91%	70 - 130	6074840	07/30/06 02:36
Surrogate: Dibromofluoromethane	50.0	48.6			97%	79 - 122	6074840	07/30/06 02:36
Surrogate: Toluene-d8	50.0	46.7			93%	78 - 121	6074840	07/30/06 02:36
Surrogate: 4-Bromofluorobenzene	50.0	47.0			94%	78 - 126	6074840	07/30/06 02:36
6075341-BS1								
Acetone	250	227		ug/L	91%	28 - 157	6075341	07/31/06 23:54
Benzene	50.0	51.9		ug/L	104%	78 - 122	6075341	07/31/06 23:54
Bromobenzene	50.0	52.4		ug/L	105%	77 - 122	6075341	07/31/06 23:54
Bromochloromethane	50.0	56.1		ug/L	112%	74 - 130	6075341	07/31/06 23:54
Bromodichloromethane	50.0	53.4		ug/L	107%	71 - 134	6075341	07/31/06 23:54
Bromoform	50.0	46.7		ug/L	93%	44 - 140	6075341	07/31/06 23:54
Bromomethane	50.0	64.0		ug/L	128%	49 - 157	6075341	07/31/06 23:54
2-Butanone	250	260		ug/L	104%	54 - 151	6075341	07/31/06 23:54
sec-Butylbenzene	50.0	48.9		ug/L	98%	75 - 131	6075341	07/31/06 23:54
n-Butylbenzene	50.0	49.9		ug/L	100%	69 - 137	6075341	07/31/06 23:54
tert-Butylbenzene	50.0	47.0		ug/L	94%	74 - 129	6075341	07/31/06 23:54
Carbon disulfide	50.0	50.0		ug/L	100%	64 - 139	6075341	07/31/06 23:54
Carbon Tetrachloride	50.0	56.7		ug/L	113%	63 - 140	6075341	07/31/06 23:54

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPG2765
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075341-BS1								
Chlorobenzene	50.0	54.2		ug/L	108%	83 - 118	6075341	07/31/06 23:54
Chlorodibromomethane	50.0	60.9		ug/L	122%	69 - 128	6075341	07/31/06 23:54
Chloroethane	50.0	53.7		ug/L	107%	57 - 142	6075341	07/31/06 23:54
Chloroform	50.0	53.3		ug/L	107%	72 - 128	6075341	07/31/06 23:54
Chloromethane	50.0	56.0		ug/L	112%	37 - 158	6075341	07/31/06 23:54
2-Chlorotoluene	50.0	58.2		ug/L	116%	74 - 131	6075341	07/31/06 23:54
4-Chlorotoluene	50.0	50.4		ug/L	101%	77 - 128	6075341	07/31/06 23:54
1,2-Dibromo-3-chloropropane	50.0	44.0		ug/L	88%	54 - 130	6075341	07/31/06 23:54
1,2-Dibromoethane (EDB)	50.0	57.2		ug/L	114%	76 - 128	6075341	07/31/06 23:54
Dibromomethane	50.0	54.7		ug/L	109%	74 - 129	6075341	07/31/06 23:54
1,4-Dichlorobenzene	50.0	51.8		ug/L	104%	80 - 119	6075341	07/31/06 23:54
1,3-Dichlorobenzene	50.0	56.4		ug/L	113%	81 - 124	6075341	07/31/06 23:54
1,2-Dichlorobenzene	50.0	57.0		ug/L	114%	82 - 123	6075341	07/31/06 23:54
Dichlorodifluoromethane	50.0	43.6		ug/L	87%	30 - 161	6075341	07/31/06 23:54
1,1-Dichloroethane	50.0	54.3		ug/L	109%	72 - 130	6075341	07/31/06 23:54
1,2-Dichloroethane	50.0	52.5		ug/L	105%	65 - 137	6075341	07/31/06 23:54
cis-1,2-Dichloroethene	50.0	53.0		ug/L	106%	71 - 131	6075341	07/31/06 23:54
1,1-Dichloroethene	50.0	57.3		ug/L	115%	68 - 133	6075341	07/31/06 23:54
trans-1,2-Dichloroethene	50.0	54.9		ug/L	110%	70 - 132	6075341	07/31/06 23:54
1,3-Dichloropropane	50.0	54.6		ug/L	109%	81 - 121	6075341	07/31/06 23:54
1,2-Dichloropropane	50.0	52.4		ug/L	105%	76 - 128	6075341	07/31/06 23:54
2,2-Dichloropropane	50.0	45.9		ug/L	92%	35 - 159	6075341	07/31/06 23:54
cis-1,3-Dichloropropene	50.0	60.6		ug/L	121%	61 - 138	6075341	07/31/06 23:54
trans-1,3-Dichloropropene	50.0	51.2		ug/L	102%	57 - 130	6075341	07/31/06 23:54
1,1-Dichloropropene	50.0	54.0		ug/L	108%	76 - 127	6075341	07/31/06 23:54
Ethylbenzene	50.0	59.3		ug/L	119%	82 - 122	6075341	07/31/06 23:54
Hexachlorobutadiene	50.0	53.4		ug/L	107%	66 - 137	6075341	07/31/06 23:54
2-Hexanone	250	241		ug/L	96%	63 - 138	6075341	07/31/06 23:54
Isopropylbenzene	50.0	48.2		ug/L	96%	75 - 130	6075341	07/31/06 23:54
p-Isopropyltoluene	50.0	53.7		ug/L	107%	76 - 133	6075341	07/31/06 23:54
Methyl tert-Butyl Ether	50.0	54.9		ug/L	110%	65 - 144	6075341	07/31/06 23:54
Methylene Chloride	50.0	53.4		ug/L	107%	74 - 133	6075341	07/31/06 23:54
4-Methyl-2-pentanone	250	266		ug/L	106%	74 - 132	6075341	07/31/06 23:54
Naphthalene	50.0	52.3		ug/L	105%	64 - 144	6075341	07/31/06 23:54
n-Propylbenzene	50.0	47.1		ug/L	94%	76 - 129	6075341	07/31/06 23:54
Styrene	50.0	58.5		ug/L	117%	76 - 130	6075341	07/31/06 23:54
1,1,1,2-Tetrachloroethane	50.0	57.5		ug/L	115%	77 - 128	6075341	07/31/06 23:54
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L	97%	70 - 129	6075341	07/31/06 23:54
Tetrachloroethene	50.0	53.4		ug/L	107%	77 - 124	6075341	07/31/06 23:54
Toluene	50.0	55.6		ug/L	111%	80 - 120	6075341	07/31/06 23:54
1,2,3-Trichlorobenzene	50.0	58.1		ug/L	116%	69 - 140	6075341	07/31/06 23:54

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075341-BS1								
1,2,4-Trichlorobenzene	50.0	58.8		ug/L	118%	68 - 135	6075341	07/31/06 23:54
1,1,2-Trichloroethane	50.0	55.5		ug/L	111%	83 - 120	6075341	07/31/06 23:54
1,1,1-Trichloroethane	50.0	55.2		ug/L	110%	68 - 135	6075341	07/31/06 23:54
Trichloroethene	50.0	55.4		ug/L	111%	72 - 135	6075341	07/31/06 23:54
Trichlorofluoromethane	50.0	52.7		ug/L	105%	57 - 142	6075341	07/31/06 23:54
1,2,3-Trichloropropane	50.0	44.4		ug/L	89%	68 - 129	6075341	07/31/06 23:54
1,3,5-Trimethylbenzene	50.0	50.8		ug/L	102%	78 - 129	6075341	07/31/06 23:54
1,2,4-Trimethylbenzene	50.0	51.7		ug/L	103%	78 - 126	6075341	07/31/06 23:54
Vinyl chloride	50.0	54.7		ug/L	109%	52 - 143	6075341	07/31/06 23:54
Xylenes, total	150	163		ug/L	109%	81 - 125	6075341	07/31/06 23:54
Surrogate: 1,2-Dichloroethane-d4	50.0	48.7			97%	70 - 130	6075341	07/31/06 23:54
Surrogate: Dibromofluoromethane	50.0	50.4			101%	79 - 122	6075341	07/31/06 23:54
Surrogate: Toluene-d8	50.0	51.9			104%	78 - 121	6075341	07/31/06 23:54
Surrogate: 4-Bromofluorobenzene	50.0	49.0			98%	78 - 126	6075341	07/31/06 23:54
6075354-BS1								
Acetone	250	232		ug/L	93%	28 - 157	6075354	07/31/06 12:08
Benzene	50.0	50.7		ug/L	101%	78 - 122	6075354	07/31/06 12:08
Bromobenzene	50.0	54.7		ug/L	109%	77 - 122	6075354	07/31/06 12:08
Bromochloromethane	50.0	52.4		ug/L	105%	74 - 130	6075354	07/31/06 12:08
Bromodichloromethane	50.0	50.0		ug/L	100%	71 - 134	6075354	07/31/06 12:08
Bromoform	50.0	42.7		ug/L	85%	44 - 140	6075354	07/31/06 12:08
Bromomethane	50.0	54.5		ug/L	109%	49 - 157	6075354	07/31/06 12:08
2-Butanone	250	273		ug/L	109%	54 - 151	6075354	07/31/06 12:08
sec-Butylbenzene	50.0	51.2		ug/L	102%	75 - 131	6075354	07/31/06 12:08
n-Butylbenzene	50.0	52.9		ug/L	106%	69 - 137	6075354	07/31/06 12:08
tert-Butylbenzene	50.0	50.0		ug/L	100%	74 - 129	6075354	07/31/06 12:08
Carbon disulfide	50.0	47.2		ug/L	94%	64 - 139	6075354	07/31/06 12:08
Carbon Tetrachloride	50.0	49.8		ug/L	100%	63 - 140	6075354	07/31/06 12:08
Chlorobenzene	50.0	52.6		ug/L	105%	83 - 118	6075354	07/31/06 12:08
Chlorodibromomethane	50.0	57.6		ug/L	115%	69 - 128	6075354	07/31/06 12:08
Chloroethane	50.0	51.3		ug/L	103%	57 - 142	6075354	07/31/06 12:08
Chloroform	50.0	47.9		ug/L	96%	72 - 128	6075354	07/31/06 12:08
Chloromethane	50.0	52.5		ug/L	105%	37 - 158	6075354	07/31/06 12:08
2-Chlorotoluene	50.0	60.4		ug/L	121%	74 - 131	6075354	07/31/06 12:08
4-Chlorotoluene	50.0	52.4		ug/L	105%	77 - 128	6075354	07/31/06 12:08
1,2-Dibromo-3-chloropropane	50.0	49.0		ug/L	98%	54 - 130	6075354	07/31/06 12:08
1,2-Dibromoethane (EDB)	50.0	57.2		ug/L	114%	76 - 128	6075354	07/31/06 12:08
Dibromomethane	50.0	51.5		ug/L	103%	74 - 129	6075354	07/31/06 12:08
1,4-Dichlorobenzene	50.0	52.7		ug/L	105%	80 - 119	6075354	07/31/06 12:08
1,3-Dichlorobenzene	50.0	57.6		ug/L	115%	81 - 124	6075354	07/31/06 12:08
1,2-Dichlorobenzene	50.0	58.3		ug/L	117%	82 - 123	6075354	07/31/06 12:08

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075354-BS1								
Dichlorodifluoromethane	50.0	39.6		ug/L	79%	30 - 161	6075354	07/31/06 12:08
1,1-Dichloroethane	50.0	49.5		ug/L	99%	72 - 130	6075354	07/31/06 12:08
1,2-Dichloroethane	50.0	47.4		ug/L	95%	65 - 137	6075354	07/31/06 12:08
cis-1,2-Dichloroethene	50.0	50.8		ug/L	102%	71 - 131	6075354	07/31/06 12:08
1,1-Dichloroethene	50.0	53.5		ug/L	107%	68 - 133	6075354	07/31/06 12:08
trans-1,2-Dichloroethene	50.0	50.5		ug/L	101%	70 - 132	6075354	07/31/06 12:08
1,3-Dichloropropane	50.0	53.9		ug/L	108%	81 - 121	6075354	07/31/06 12:08
1,2-Dichloropropane	50.0	53.8		ug/L	108%	76 - 128	6075354	07/31/06 12:08
2,2-Dichloropropane	50.0	54.2		ug/L	108%	35 - 159	6075354	07/31/06 12:08
cis-1,3-Dichloropropene	50.0	64.2		ug/L	128%	61 - 138	6075354	07/31/06 12:08
trans-1,3-Dichloropropene	50.0	55.2		ug/L	110%	57 - 130	6075354	07/31/06 12:08
1,1-Dichloropropene	50.0	53.2		ug/L	106%	76 - 127	6075354	07/31/06 12:08
Ethylbenzene	50.0	57.4		ug/L	115%	82 - 122	6075354	07/31/06 12:08
Hexachlorobutadiene	50.0	58.0		ug/L	116%	66 - 137	6075354	07/31/06 12:08
2-Hexanone	250	258		ug/L	103%	63 - 138	6075354	07/31/06 12:08
Isopropylbenzene	50.0	47.0		ug/L	94%	75 - 130	6075354	07/31/06 12:08
p-Isopropyltoluene	50.0	56.7		ug/L	113%	76 - 133	6075354	07/31/06 12:08
Methyl tert-Butyl Ether	50.0	52.9		ug/L	106%	65 - 144	6075354	07/31/06 12:08
Methylene Chloride	50.0	48.9		ug/L	98%	74 - 133	6075354	07/31/06 12:08
4-Methyl-2-pentanone	250	282		ug/L	113%	74 - 132	6075354	07/31/06 12:08
Naphthalene	50.0	57.7		ug/L	115%	64 - 144	6075354	07/31/06 12:08
n-Propylbenzene	50.0	49.6		ug/L	99%	76 - 129	6075354	07/31/06 12:08
Styrene	50.0	55.0		ug/L	110%	76 - 130	6075354	07/31/06 12:08
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L	104%	77 - 128	6075354	07/31/06 12:08
1,1,2,2-Tetrachloroethane	50.0	52.2		ug/L	104%	70 - 129	6075354	07/31/06 12:08
Tetrachloroethene	50.0	56.0		ug/L	112%	77 - 124	6075354	07/31/06 12:08
Toluene	50.0	56.7		ug/L	113%	80 - 120	6075354	07/31/06 12:08
1,2,3-Trichlorobenzene	50.0	62.7		ug/L	125%	69 - 140	6075354	07/31/06 12:08
1,2,4-Trichlorobenzene	50.0	63.8		ug/L	128%	68 - 135	6075354	07/31/06 12:08
1,1,2-Trichloroethane	50.0	53.4		ug/L	107%	83 - 120	6075354	07/31/06 12:08
1,1,1-Trichloroethane	50.0	49.3		ug/L	99%	68 - 135	6075354	07/31/06 12:08
Trichloroethene	50.0	55.7		ug/L	111%	72 - 135	6075354	07/31/06 12:08
Trichlorofluoromethane	50.0	47.1		ug/L	94%	57 - 142	6075354	07/31/06 12:08
1,2,3-Trichloropropane	50.0	48.7		ug/L	97%	68 - 129	6075354	07/31/06 12:08
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	78 - 129	6075354	07/31/06 12:08
1,2,4-Trimethylbenzene	50.0	54.4		ug/L	109%	78 - 126	6075354	07/31/06 12:08
Vinyl chloride	50.0	52.0		ug/L	104%	52 - 143	6075354	07/31/06 12:08
Xylenes, total	150	159		ug/L	106%	81 - 125	6075354	07/31/06 12:08
Surrogate: 1,2-Dichloroethane-d4	50.0	43.7			87%	70 - 130	6075354	07/31/06 12:08
Surrogate: Dibromofluoromethane	50.0	47.7			95%	79 - 122	6075354	07/31/06 12:08
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6075354	07/31/06 12:08

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPG2765
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075354-BS1								
Surrogate: 4-Bromofluorobenzene	50.0	51.2			102%	78 - 126	6075354	07/31/06 12:08
6075682-BS1								
Acetone	250	247		ug/L	99%	28 - 157	6075682	08/01/06 13:36
Benzene	50.0	50.2		ug/L	100%	78 - 122	6075682	08/01/06 13:36
Bromobenzene	50.0	54.6		ug/L	109%	77 - 122	6075682	08/01/06 13:36
Bromochloromethane	50.0	51.9		ug/L	104%	74 - 130	6075682	08/01/06 13:36
Bromodichloromethane	50.0	52.4		ug/L	105%	71 - 134	6075682	08/01/06 13:36
Bromoform	50.0	44.7		ug/L	89%	44 - 140	6075682	08/01/06 13:36
Bromomethane	50.0	59.6		ug/L	119%	49 - 157	6075682	08/01/06 13:36
2-Butanone	250	269		ug/L	108%	54 - 151	6075682	08/01/06 13:36
sec-Butylbenzene	50.0	49.2		ug/L	98%	75 - 131	6075682	08/01/06 13:36
n-Butylbenzene	50.0	52.2		ug/L	104%	69 - 137	6075682	08/01/06 13:36
tert-Butylbenzene	50.0	47.1		ug/L	94%	74 - 129	6075682	08/01/06 13:36
Carbon disulfide	50.0	48.0		ug/L	96%	64 - 139	6075682	08/01/06 13:36
Carbon Tetrachloride	50.0	52.1		ug/L	104%	63 - 140	6075682	08/01/06 13:36
Chlorobenzene	50.0	54.2		ug/L	108%	83 - 118	6075682	08/01/06 13:36
Chlorodibromomethane	50.0	62.2		ug/L	124%	69 - 128	6075682	08/01/06 13:36
Chloroethane	50.0	52.6		ug/L	105%	57 - 142	6075682	08/01/06 13:36
Chloroform	50.0	51.6		ug/L	103%	72 - 128	6075682	08/01/06 13:36
Chloromethane	50.0	52.5		ug/L	105%	37 - 158	6075682	08/01/06 13:36
2-Chlorotoluene	50.0	59.8		ug/L	120%	74 - 131	6075682	08/01/06 13:36
4-Chlorotoluene	50.0	52.1		ug/L	104%	77 - 128	6075682	08/01/06 13:36
1,2-Dibromo-3-chloropropane	50.0	45.5		ug/L	91%	54 - 130	6075682	08/01/06 13:36
1,2-Dibromoethane (EDB)	50.0	58.3		ug/L	117%	76 - 128	6075682	08/01/06 13:36
Dibromomethane	50.0	52.9		ug/L	106%	74 - 129	6075682	08/01/06 13:36
1,4-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 119	6075682	08/01/06 13:36
1,3-Dichlorobenzene	50.0	56.7		ug/L	113%	81 - 124	6075682	08/01/06 13:36
1,2-Dichlorobenzene	50.0	56.9		ug/L	114%	82 - 123	6075682	08/01/06 13:36
Dichlorodifluoromethane	50.0	40.1		ug/L	80%	30 - 161	6075682	08/01/06 13:36
1,1-Dichloroethane	50.0	53.6		ug/L	107%	72 - 130	6075682	08/01/06 13:36
1,2-Dichloroethane	50.0	53.4		ug/L	107%	65 - 137	6075682	08/01/06 13:36
cis-1,2-Dichloroethene	50.0	53.9		ug/L	108%	71 - 131	6075682	08/01/06 13:36
1,1-Dichloroethene	50.0	52.8		ug/L	106%	68 - 133	6075682	08/01/06 13:36
trans-1,2-Dichloroethene	50.0	54.4		ug/L	109%	70 - 132	6075682	08/01/06 13:36
1,3-Dichloropropane	50.0	57.4		ug/L	115%	81 - 121	6075682	08/01/06 13:36
1,2-Dichloropropane	50.0	50.6		ug/L	101%	76 - 128	6075682	08/01/06 13:36
2,2-Dichloropropane	50.0	58.6		ug/L	117%	35 - 159	6075682	08/01/06 13:36
cis-1,3-Dichloropropene	50.0	62.5		ug/L	125%	61 - 138	6075682	08/01/06 13:36
trans-1,3-Dichloropropene	50.0	54.2		ug/L	108%	57 - 130	6075682	08/01/06 13:36
1,1-Dichloropropene	50.0	52.0		ug/L	104%	76 - 127	6075682	08/01/06 13:36
Ethylbenzene	50.0	59.5		ug/L	119%	82 - 122	6075682	08/01/06 13:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075682-BS1								
Hexachlorobutadiene	50.0	55.7		ug/L	111%	66 - 137	6075682	08/01/06 13:36
2-Hexanone	250	270		ug/L	108%	63 - 138	6075682	08/01/06 13:36
Isopropylbenzene	50.0	46.8		ug/L	94%	75 - 130	6075682	08/01/06 13:36
p-Isopropyltoluene	50.0	54.6		ug/L	109%	76 - 133	6075682	08/01/06 13:36
Methyl tert-Butyl Ether	50.0	55.2		ug/L	110%	65 - 144	6075682	08/01/06 13:36
Methylene Chloride	50.0	52.7		ug/L	105%	74 - 133	6075682	08/01/06 13:36
4-Methyl-2-pentanone	250	302		ug/L	121%	74 - 132	6075682	08/01/06 13:36
Naphthalene	50.0	56.3		ug/L	113%	64 - 144	6075682	08/01/06 13:36
n-Propylbenzene	50.0	48.2		ug/L	96%	76 - 129	6075682	08/01/06 13:36
Styrene	50.0	57.9		ug/L	116%	76 - 130	6075682	08/01/06 13:36
1,1,1,2-Tetrachloroethane	50.0	56.8		ug/L	114%	77 - 128	6075682	08/01/06 13:36
1,1,2,2-Tetrachloroethane	50.0	53.6		ug/L	107%	70 - 129	6075682	08/01/06 13:36
Tetrachloroethene	50.0	54.1		ug/L	108%	77 - 124	6075682	08/01/06 13:36
Toluene	50.0	55.0		ug/L	110%	80 - 120	6075682	08/01/06 13:36
1,2,3-Trichlorobenzene	50.0	61.9		ug/L	124%	69 - 140	6075682	08/01/06 13:36
1,2,4-Trichlorobenzene	50.0	61.7		ug/L	123%	68 - 135	6075682	08/01/06 13:36
1,1,2-Trichloroethane	50.0	57.8		ug/L	116%	83 - 120	6075682	08/01/06 13:36
1,1,1-Trichloroethane	50.0	51.7		ug/L	103%	68 - 135	6075682	08/01/06 13:36
Trichloroethene	50.0	49.0		ug/L	98%	72 - 135	6075682	08/01/06 13:36
Trichlorofluoromethane	50.0	49.4		ug/L	99%	57 - 142	6075682	08/01/06 13:36
1,2,3-Trichloropropane	50.0	49.3		ug/L	99%	68 - 129	6075682	08/01/06 13:36
1,3,5-Trimethylbenzene	50.0	51.6		ug/L	103%	78 - 129	6075682	08/01/06 13:36
1,2,4-Trimethylbenzene	50.0	51.9		ug/L	104%	78 - 126	6075682	08/01/06 13:36
Vinyl chloride	50.0	53.5		ug/L	107%	52 - 143	6075682	08/01/06 13:36
Xylenes, total	150	166		ug/L	111%	81 - 125	6075682	08/01/06 13:36
Surrogate: 1,2-Dichloroethane-d4	50.0	50.8			102%	70 - 130	6075682	08/01/06 13:36
Surrogate: Dibromofluoromethane	50.0	50.3			101%	79 - 122	6075682	08/01/06 13:36
Surrogate: Toluene-d8	50.0	53.7			107%	78 - 121	6075682	08/01/06 13:36
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6075682	08/01/06 13:36
6075716-BS1								
Acetone	250	266	MNR1	ug/L	106%	28 - 157	6075716	07/28/06 21:04
Benzene	50.0	50.5	MNR1	ug/L	101%	78 - 122	6075716	07/28/06 21:04
Bromobenzene	50.0	47.7	MNR1	ug/L	95%	77 - 122	6075716	07/28/06 21:04
Bromochloromethane	50.0	53.8	MNR1	ug/L	108%	74 - 130	6075716	07/28/06 21:04
Bromodichloromethane	50.0	44.4	MNR1	ug/L	89%	71 - 134	6075716	07/28/06 21:04
Bromoform	50.0	41.7	MNR1	ug/L	83%	44 - 140	6075716	07/28/06 21:04
Bromomethane	50.0	45.7	MNR1	ug/L	91%	49 - 157	6075716	07/28/06 21:04
2-Butanone	250	267	MNR1	ug/L	107%	54 - 151	6075716	07/28/06 21:04
sec-Butylbenzene	50.0	54.3	MNR1	ug/L	109%	75 - 131	6075716	07/28/06 21:04
n-Butylbenzene	50.0	47.7	MNR1	ug/L	95%	69 - 137	6075716	07/28/06 21:04
tert-Butylbenzene	50.0	54.3	MNR1	ug/L	109%	74 - 129	6075716	07/28/06 21:04

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075716-BS1								
Carbon disulfide	50.0	49.7	MNR1	ug/L	99%	64 - 139	6075716	07/28/06 21:04
Carbon Tetrachloride	50.0	42.6	MNR1	ug/L	85%	63 - 140	6075716	07/28/06 21:04
Chlorobenzene	50.0	51.4	MNR1	ug/L	103%	83 - 118	6075716	07/28/06 21:04
Chlorodibromomethane	50.0	42.7	MNR1	ug/L	85%	69 - 128	6075716	07/28/06 21:04
Chloroethane	50.0	42.6	MNR1	ug/L	85%	57 - 142	6075716	07/28/06 21:04
Chloroform	50.0	44.0	MNR1	ug/L	88%	72 - 128	6075716	07/28/06 21:04
Chloromethane	50.0	41.0	MNR1	ug/L	82%	37 - 158	6075716	07/28/06 21:04
2-Chlorotoluene	50.0	50.8	MNR1	ug/L	102%	74 - 131	6075716	07/28/06 21:04
4-Chlorotoluene	50.0	49.8	MNR1	ug/L	100%	77 - 128	6075716	07/28/06 21:04
1,2-Dibromo-3-chloropropane	50.0	53.7	MNR1	ug/L	107%	54 - 130	6075716	07/28/06 21:04
1,2-Dibromoethane (EDB)	50.0	52.3	MNR1	ug/L	105%	76 - 128	6075716	07/28/06 21:04
Dibromomethane	50.0	46.7	MNR1	ug/L	93%	74 - 129	6075716	07/28/06 21:04
1,4-Dichlorobenzene	50.0	50.2	MNR1	ug/L	100%	80 - 119	6075716	07/28/06 21:04
1,3-Dichlorobenzene	50.0	53.0	MNR1	ug/L	106%	81 - 124	6075716	07/28/06 21:04
1,2-Dichlorobenzene	50.0	56.4	MNR1	ug/L	113%	82 - 123	6075716	07/28/06 21:04
Dichlorodifluoromethane	50.0	25.0	MNR1	ug/L	50%	30 - 161	6075716	07/28/06 21:04
1,1-Dichloroethane	50.0	45.3	MNR1	ug/L	91%	72 - 130	6075716	07/28/06 21:04
1,2-Dichloroethane	50.0	39.5	MNR1	ug/L	79%	65 - 137	6075716	07/28/06 21:04
cis-1,2-Dichloroethene	50.0	46.4	MNR1	ug/L	93%	71 - 131	6075716	07/28/06 21:04
1,1-Dichloroethene	50.0	49.0	MNR1	ug/L	98%	68 - 133	6075716	07/28/06 21:04
trans-1,2-Dichloroethene	50.0	45.1	MNR1	ug/L	90%	70 - 132	6075716	07/28/06 21:04
1,3-Dichloropropane	50.0	48.9	MNR1	ug/L	98%	81 - 121	6075716	07/28/06 21:04
1,2-Dichloropropane	50.0	46.7	MNR1	ug/L	93%	76 - 128	6075716	07/28/06 21:04
2,2-Dichloropropane	50.0	42.5	MNR1	ug/L	85%	35 - 159	6075716	07/28/06 21:04
cis-1,3-Dichloropropene	50.0	51.8	MNR1	ug/L	104%	61 - 138	6075716	07/28/06 21:04
trans-1,3-Dichloropropene	50.0	43.0	MNR1	ug/L	86%	57 - 130	6075716	07/28/06 21:04
1,1-Dichloropropene	50.0	51.2	MNR1	ug/L	102%	76 - 127	6075716	07/28/06 21:04
Ethylbenzene	50.0	51.7	MNR1	ug/L	103%	82 - 122	6075716	07/28/06 21:04
Hexachlorobutadiene	50.0	49.6	MNR1	ug/L	99%	66 - 137	6075716	07/28/06 21:04
2-Hexanone	250	289	MNR1	ug/L	116%	63 - 138	6075716	07/28/06 21:04
Isopropylbenzene	50.0	51.8	MNR1	ug/L	104%	75 - 130	6075716	07/28/06 21:04
p-Isopropyltoluene	50.0	51.0	MNR1	ug/L	102%	76 - 133	6075716	07/28/06 21:04
Methyl tert-Butyl Ether	50.0	46.8	MNR1	ug/L	94%	65 - 144	6075716	07/28/06 21:04
Methylene Chloride	50.0	51.8	MNR1	ug/L	104%	74 - 133	6075716	07/28/06 21:04
4-Methyl-2-pentanone	250	273	MNR1	ug/L	109%	74 - 132	6075716	07/28/06 21:04
Naphthalene	50.0	60.7	MNR1	ug/L	121%	64 - 144	6075716	07/28/06 21:04
n-Propylbenzene	50.0	52.4	MNR1	ug/L	105%	76 - 129	6075716	07/28/06 21:04
Styrene	50.0	61.3	MNR1	ug/L	123%	76 - 130	6075716	07/28/06 21:04
1,1,1,2-Tetrachloroethane	50.0	49.8	MNR1	ug/L	100%	77 - 128	6075716	07/28/06 21:04
1,1,2,2-Tetrachloroethane	50.0	49.3	MNR1	ug/L	99%	70 - 129	6075716	07/28/06 21:04
Tetrachloroethene	50.0	51.4	MNR1	ug/L	103%	77 - 124	6075716	07/28/06 21:04

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075716-BS1								
Toluene	50.0	49.3	MNR1	ug/L	99%	80 - 120	6075716	07/28/06 21:04
1,2,3-Trichlorobenzene	50.0	56.7	MNR1	ug/L	113%	69 - 140	6075716	07/28/06 21:04
1,2,4-Trichlorobenzene	50.0	56.8	MNR1	ug/L	114%	68 - 135	6075716	07/28/06 21:04
1,1,2-Trichloroethane	50.0	51.0	MNR1	ug/L	102%	83 - 120	6075716	07/28/06 21:04
1,1,1-Trichloroethane	50.0	42.7	MNR1	ug/L	85%	68 - 135	6075716	07/28/06 21:04
Trichloroethene	50.0	56.2	MNR1	ug/L	112%	72 - 135	6075716	07/28/06 21:04
Trichlorofluoromethane	50.0	36.2	MNR1	ug/L	72%	57 - 142	6075716	07/28/06 21:04
1,2,3-Trichloropropane	50.0	52.1	MNR1	ug/L	104%	68 - 129	6075716	07/28/06 21:04
1,3,5-Trimethylbenzene	50.0	53.5	MNR1	ug/L	107%	78 - 129	6075716	07/28/06 21:04
1,2,4-Trimethylbenzene	50.0	53.4	MNR1	ug/L	107%	78 - 126	6075716	07/28/06 21:04
Vinyl chloride	50.0	42.8	MNR1	ug/L	86%	52 - 143	6075716	07/28/06 21:04
Xylenes, total	150	152	MNR1	ug/L	101%	81 - 125	6075716	07/28/06 21:04
Surrogate: 1,2-Dichloroethane-d4	50.0	35.3			71%	70 - 130	6075716	07/28/06 21:04
Surrogate: Dibromofluoromethane	50.0	43.1			86%	79 - 122	6075716	07/28/06 21:04
Surrogate: Toluene-d8	50.0	46.9			94%	78 - 121	6075716	07/28/06 21:04
Surrogate: 4-Bromofluorobenzene	50.0	46.0			92%	78 - 126	6075716	07/28/06 21:04

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	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6074840-MS1										
Acetone	ND	265		ug/L	250	106%	11 - 157	6074840	NPG2643-01	07/30/06 00:55
Benzene	ND	60.0		ug/L	50.0	120%	74 - 133	6074840	NPG2643-01	07/30/06 00:55
Bromobenzene	ND	52.2		ug/L	50.0	104%	71 - 129	6074840	NPG2643-01	07/30/06 00:55
Bromochloromethane	ND	62.8		ug/L	50.0	126%	73 - 134	6074840	NPG2643-01	07/30/06 00:55
Bromodichloromethane	ND	63.3		ug/L	50.0	127%	67 - 138	6074840	NPG2643-01	07/30/06 00:55
Bromoform	ND	46.9		ug/L	50.0	94%	37 - 140	6074840	NPG2643-01	07/30/06 00:55
Bromomethane	ND	53.0		ug/L	50.0	106%	29 - 171	6074840	NPG2643-01	07/30/06 00:55
2-Butanone	ND	286		ug/L	250	114%	50 - 151	6074840	NPG2643-01	07/30/06 00:55
sec-Butylbenzene	ND	48.4		ug/L	50.0	97%	68 - 139	6074840	NPG2643-01	07/30/06 00:55
n-Butylbenzene	ND	39.6		ug/L	50.0	79%	58 - 146	6074840	NPG2643-01	07/30/06 00:55
tert-Butylbenzene	ND	52.5		ug/L	50.0	105%	67 - 137	6074840	NPG2643-01	07/30/06 00:55
Carbon disulfide	ND	61.5		ug/L	50.0	123%	50 - 147	6074840	NPG2643-01	07/30/06 00:55
Carbon Tetrachloride	ND	60.4		ug/L	50.0	121%	56 - 147	6074840	NPG2643-01	07/30/06 00:55
Chlorobenzene	ND	56.7		ug/L	50.0	113%	79 - 124	6074840	NPG2643-01	07/30/06 00:55
Chlorodibromomethane	ND	50.6		ug/L	50.0	101%	62 - 130	6074840	NPG2643-01	07/30/06 00:55
Chloroethane	ND	53.2		ug/L	50.0	106%	47 - 160	6074840	NPG2643-01	07/30/06 00:55
Chloroform	ND	59.8		ug/L	50.0	120%	71 - 134	6074840	NPG2643-01	07/30/06 00:55
Chloromethane	ND	45.1		ug/L	50.0	90%	22 - 177	6074840	NPG2643-01	07/30/06 00:55
2-Chlorotoluene	ND	53.3		ug/L	50.0	107%	63 - 143	6074840	NPG2643-01	07/30/06 00:55
4-Chlorotoluene	ND	54.7		ug/L	50.0	109%	67 - 139	6074840	NPG2643-01	07/30/06 00:55
1,2-Dibromo-3-chloropropane	ND	49.1		ug/L	50.0	98%	47 - 133	6074840	NPG2643-01	07/30/06 00:55
1,2-Dibromoethane (EDB)	ND	55.9		ug/L	50.0	112%	72 - 133	6074840	NPG2643-01	07/30/06 00:55
Dibromomethane	ND	59.3		ug/L	50.0	119%	70 - 135	6074840	NPG2643-01	07/30/06 00:55
1,4-Dichlorobenzene	ND	51.2		ug/L	50.0	102%	72 - 126	6074840	NPG2643-01	07/30/06 00:55
1,3-Dichlorobenzene	ND	53.4		ug/L	50.0	107%	72 - 133	6074840	NPG2643-01	07/30/06 00:55
1,2-Dichlorobenzene	ND	54.6		ug/L	50.0	109%	73 - 131	6074840	NPG2643-01	07/30/06 00:55
Dichlorodifluoromethane	ND	22.9		ug/L	50.0	46%	11 - 182	6074840	NPG2643-01	07/30/06 00:55
1,1-Dichloroethane	ND	59.6		ug/L	50.0	119%	70 - 135	6074840	NPG2643-01	07/30/06 00:55
1,2-Dichloroethane	ND	57.9		ug/L	50.0	116%	62 - 140	6074840	NPG2643-01	07/30/06 00:55
cis-1,2-Dichloroethene	ND	61.3		ug/L	50.0	123%	67 - 137	6074840	NPG2643-01	07/30/06 00:55
1,1-Dichloroethene	ND	57.6		ug/L	50.0	115%	67 - 139	6074840	NPG2643-01	07/30/06 00:55
trans-1,2-Dichloroethene	ND	60.5		ug/L	50.0	121%	66 - 138	6074840	NPG2643-01	07/30/06 00:55
1,3-Dichloropropane	ND	53.7		ug/L	50.0	107%	76 - 126	6074840	NPG2643-01	07/30/06 00:55
1,2-Dichloropropane	ND	57.1		ug/L	50.0	114%	75 - 131	6074840	NPG2643-01	07/30/06 00:55
2,2-Dichloropropane	ND	61.8		ug/L	50.0	124%	13 - 166	6074840	NPG2643-01	07/30/06 00:55
cis-1,3-Dichloropropene	ND	59.6		ug/L	50.0	119%	53 - 139	6074840	NPG2643-01	07/30/06 00:55
trans-1,3-Dichloropropene	ND	50.7		ug/L	50.0	101%	51 - 130	6074840	NPG2643-01	07/30/06 00:55

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Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6074840-MS1										
1,1-Dichloropropene	ND	61.4		ug/L	50.0	123%	73 - 134	6074840	NPG2643-01	07/30/06 00:55
Ethylbenzene	ND	58.0		ug/L	50.0	116%	74 - 134	6074840	NPG2643-01	07/30/06 00:55
Hexachlorobutadiene	ND	21.7	M8	ug/L	50.0	43%	52 - 143	6074840	NPG2643-01	07/30/06 00:55
2-Hexanone	ND	304		ug/L	250	122%	58 - 138	6074840	NPG2643-01	07/30/06 00:55
Isopropylbenzene	ND	59.8		ug/L	50.0	120%	69 - 138	6074840	NPG2643-01	07/30/06 00:55
p-Isopropyltoluene	ND	48.9		ug/L	50.0	98%	66 - 141	6074840	NPG2643-01	07/30/06 00:55
Methyl tert-Butyl Ether	ND	60.8		ug/L	50.0	122%	58 - 151	6074840	NPG2643-01	07/30/06 00:55
Methylene Chloride	ND	60.8		ug/L	50.0	122%	69 - 138	6074840	NPG2643-01	07/30/06 00:55
4-Methyl-2-pentanone	ND	301		ug/L	250	120%	66 - 137	6074840	NPG2643-01	07/30/06 00:55
Naphthalene	ND	49.7		ug/L	50.0	99%	47 - 154	6074840	NPG2643-01	07/30/06 00:55
n-Propylbenzene	ND	53.0		ug/L	50.0	106%	67 - 140	6074840	NPG2643-01	07/30/06 00:55
Styrene	ND	60.3		ug/L	50.0	121%	64 - 138	6074840	NPG2643-01	07/30/06 00:55
1,1,1,2-Tetrachloroethane	ND	59.4		ug/L	50.0	119%	10 - 179	6074840	NPG2643-01	07/30/06 00:55
1,1,2,2-Tetrachloroethane	ND	52.5		ug/L	50.0	105%	65 - 134	6074840	NPG2643-01	07/30/06 00:55
Tetrachloroethene	ND	55.1		ug/L	50.0	110%	71 - 132	6074840	NPG2643-01	07/30/06 00:55
Toluene	ND	55.1		ug/L	50.0	110%	73 - 133	6074840	NPG2643-01	07/30/06 00:55
1,2,3-Trichlorobenzene	ND	40.7		ug/L	50.0	81%	57 - 142	6074840	NPG2643-01	07/30/06 00:55
1,2,4-Trichlorobenzene	ND	40.6		ug/L	50.0	81%	56 - 139	6074840	NPG2643-01	07/30/06 00:55
1,1,2-Trichloroethane	ND	54.8		ug/L	50.0	110%	78 - 125	6074840	NPG2643-01	07/30/06 00:55
1,1,1-Trichloroethane	ND	61.4		ug/L	50.0	123%	66 - 142	6074840	NPG2643-01	07/30/06 00:55
Trichloroethene	ND	63.4		ug/L	50.0	127%	69 - 140	6074840	NPG2643-01	07/30/06 00:55
Trichlorofluoromethane	ND	44.4		ug/L	50.0	89%	57 - 149	6074840	NPG2643-01	07/30/06 00:55
1,2,3-Trichloropropane	ND	56.8		ug/L	50.0	114%	55 - 138	6074840	NPG2643-01	07/30/06 00:55
1,3,5-Trimethylbenzene	ND	54.4		ug/L	50.0	109%	65 - 140	6074840	NPG2643-01	07/30/06 00:55
1,2,4-Trimethylbenzene	ND	54.8		ug/L	50.0	110%	60 - 143	6074840	NPG2643-01	07/30/06 00:55
Vinyl chloride	ND	48.0		ug/L	50.0	96%	46 - 151	6074840	NPG2643-01	07/30/06 00:55
Xylenes, total	ND	176		ug/L	150	117%	68 - 139	6074840	NPG2643-01	07/30/06 00:55
Surrogate: 1,2-Dichloroethane-d4		46.3		ug/L	50.0	93%	70 - 130	6074840	NPG2643-01	07/30/06 00:55
Surrogate: Dibromofluoromethane		49.4		ug/L	50.0	99%	79 - 122	6074840	NPG2643-01	07/30/06 00:55
Surrogate: Toluene-d8		45.8		ug/L	50.0	92%	78 - 121	6074840	NPG2643-01	07/30/06 00:55
Surrogate: 4-Bromofluorobenzene		46.0		ug/L	50.0	92%	78 - 126	6074840	NPG2643-01	07/30/06 00:55
6075341-MS1										
Acetone	ND	231		ug/L	250	92%	11 - 157	6075341	NPG2714-03	08/01/06 10:31
Benzene	ND	53.4		ug/L	50.0	107%	74 - 133	6075341	NPG2714-03	08/01/06 10:31
Bromobenzene	ND	51.4		ug/L	50.0	103%	71 - 129	6075341	NPG2714-03	08/01/06 10:31
Bromochloromethane	ND	56.4		ug/L	50.0	113%	73 - 134	6075341	NPG2714-03	08/01/06 10:31
Bromodichloromethane	ND	58.5		ug/L	50.0	117%	67 - 138	6075341	NPG2714-03	08/01/06 10:31

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075341-MS1										
Bromoform	ND	47.4		ug/L	50.0	95%	37 - 140	6075341	NPG2714-03	08/01/06 10:31
Bromomethane	ND	58.9		ug/L	50.0	118%	29 - 171	6075341	NPG2714-03	08/01/06 10:31
2-Butanone	ND	261		ug/L	250	104%	50 - 151	6075341	NPG2714-03	08/01/06 10:31
sec-Butylbenzene	ND	49.2		ug/L	50.0	98%	68 - 139	6075341	NPG2714-03	08/01/06 10:31
n-Butylbenzene	ND	50.0		ug/L	50.0	100%	58 - 146	6075341	NPG2714-03	08/01/06 10:31
tert-Butylbenzene	ND	47.4		ug/L	50.0	95%	67 - 137	6075341	NPG2714-03	08/01/06 10:31
Carbon disulfide	ND	49.1		ug/L	50.0	98%	50 - 147	6075341	NPG2714-03	08/01/06 10:31
Carbon Tetrachloride	ND	62.2		ug/L	50.0	124%	56 - 147	6075341	NPG2714-03	08/01/06 10:31
Chlorobenzene	ND	57.4		ug/L	50.0	115%	79 - 124	6075341	NPG2714-03	08/01/06 10:31
Chlorodibromomethane	ND	61.9		ug/L	50.0	124%	62 - 130	6075341	NPG2714-03	08/01/06 10:31
Chloroethane	ND	51.7		ug/L	50.0	103%	47 - 160	6075341	NPG2714-03	08/01/06 10:31
Chloroform	ND	55.4		ug/L	50.0	111%	71 - 134	6075341	NPG2714-03	08/01/06 10:31
Chloromethane	ND	47.9		ug/L	50.0	96%	22 - 177	6075341	NPG2714-03	08/01/06 10:31
2-Chlorotoluene	ND	56.6		ug/L	50.0	113%	63 - 143	6075341	NPG2714-03	08/01/06 10:31
4-Chlorotoluene	ND	50.0		ug/L	50.0	100%	67 - 139	6075341	NPG2714-03	08/01/06 10:31
1,2-Dibromo-3-chloropropane	ND	41.9		ug/L	50.0	84%	47 - 133	6075341	NPG2714-03	08/01/06 10:31
1,2-Dibromoethane (EDB)	ND	58.2		ug/L	50.0	116%	72 - 133	6075341	NPG2714-03	08/01/06 10:31
Dibromomethane	ND	59.3		ug/L	50.0	119%	70 - 135	6075341	NPG2714-03	08/01/06 10:31
1,4-Dichlorobenzene	ND	51.6		ug/L	50.0	103%	72 - 126	6075341	NPG2714-03	08/01/06 10:31
1,3-Dichlorobenzene	ND	55.8		ug/L	50.0	112%	72 - 133	6075341	NPG2714-03	08/01/06 10:31
1,2-Dichlorobenzene	ND	54.6		ug/L	50.0	109%	73 - 131	6075341	NPG2714-03	08/01/06 10:31
Dichlorodifluoromethane	ND	28.6		ug/L	50.0	57%	11 - 182	6075341	NPG2714-03	08/01/06 10:31
1,1-Dichloroethane	ND	55.6		ug/L	50.0	111%	70 - 135	6075341	NPG2714-03	08/01/06 10:31
1,2-Dichloroethane	ND	55.5		ug/L	50.0	111%	62 - 140	6075341	NPG2714-03	08/01/06 10:31
cis-1,2-Dichloroethene	ND	53.7		ug/L	50.0	107%	67 - 137	6075341	NPG2714-03	08/01/06 10:31
1,1-Dichloroethene	ND	55.9		ug/L	50.0	112%	67 - 139	6075341	NPG2714-03	08/01/06 10:31
trans-1,2-Dichloroethene	ND	55.8		ug/L	50.0	112%	66 - 138	6075341	NPG2714-03	08/01/06 10:31
1,3-Dichloropropane	ND	57.8		ug/L	50.0	116%	76 - 126	6075341	NPG2714-03	08/01/06 10:31
1,2-Dichloropropane	ND	54.9		ug/L	50.0	110%	75 - 131	6075341	NPG2714-03	08/01/06 10:31
2,2-Dichloropropane	ND	45.8		ug/L	50.0	92%	13 - 166	6075341	NPG2714-03	08/01/06 10:31
cis-1,3-Dichloropropene	ND	53.4		ug/L	50.0	107%	53 - 139	6075341	NPG2714-03	08/01/06 10:31
trans-1,3-Dichloropropene	ND	49.6		ug/L	50.0	99%	51 - 130	6075341	NPG2714-03	08/01/06 10:31
1,1-Dichloropropene	ND	52.4		ug/L	50.0	105%	73 - 134	6075341	NPG2714-03	08/01/06 10:31
Ethylbenzene	0.530	64.0		ug/L	50.0	127%	74 - 134	6075341	NPG2714-03	08/01/06 10:31
Hexachlorobutadiene	ND	50.3		ug/L	50.0	101%	52 - 143	6075341	NPG2714-03	08/01/06 10:31
2-Hexanone	ND	258		ug/L	250	103%	58 - 138	6075341	NPG2714-03	08/01/06 10:31
Isopropylbenzene	ND	55.4		ug/L	50.0	111%	69 - 138	6075341	NPG2714-03	08/01/06 10:31

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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075341-MS1										
p-Isopropyltoluene	ND	55.5		ug/L	50.0	111%	66 - 141	6075341	NPG2714-03	08/01/06 10:31
Methyl tert-Butyl Ether	ND	55.3		ug/L	50.0	111%	58 - 151	6075341	NPG2714-03	08/01/06 10:31
Methylene Chloride	ND	53.5		ug/L	50.0	107%	69 - 138	6075341	NPG2714-03	08/01/06 10:31
4-Methyl-2-pentanone	ND	290		ug/L	250	116%	66 - 137	6075341	NPG2714-03	08/01/06 10:31
Naphthalene	ND	51.8		ug/L	50.0	104%	47 - 154	6075341	NPG2714-03	08/01/06 10:31
n-Propylbenzene	ND	48.9		ug/L	50.0	98%	67 - 140	6075341	NPG2714-03	08/01/06 10:31
Styrene	ND	53.4		ug/L	50.0	107%	64 - 138	6075341	NPG2714-03	08/01/06 10:31
1,1,1,2-Tetrachloroethane	ND	59.8		ug/L	50.0	120%	10 - 179	6075341	NPG2714-03	08/01/06 10:31
1,1,2,2-Tetrachloroethane	ND	49.7		ug/L	50.0	99%	65 - 134	6075341	NPG2714-03	08/01/06 10:31
Tetrachloroethene	ND	57.7		ug/L	50.0	115%	71 - 132	6075341	NPG2714-03	08/01/06 10:31
Toluene	ND	58.9		ug/L	50.0	118%	73 - 133	6075341	NPG2714-03	08/01/06 10:31
1,2,3-Trichlorobenzene	ND	55.6		ug/L	50.0	111%	57 - 142	6075341	NPG2714-03	08/01/06 10:31
1,2,4-Trichlorobenzene	ND	53.0		ug/L	50.0	106%	56 - 139	6075341	NPG2714-03	08/01/06 10:31
1,1,2-Trichloroethane	ND	58.8		ug/L	50.0	118%	78 - 125	6075341	NPG2714-03	08/01/06 10:31
1,1,1-Trichloroethane	ND	59.3		ug/L	50.0	119%	66 - 142	6075341	NPG2714-03	08/01/06 10:31
Trichloroethene	ND	55.1		ug/L	50.0	110%	69 - 140	6075341	NPG2714-03	08/01/06 10:31
Trichlorofluoromethane	ND	51.3		ug/L	50.0	103%	57 - 149	6075341	NPG2714-03	08/01/06 10:31
1,2,3-Trichloropropane	ND	49.0		ug/L	50.0	98%	55 - 138	6075341	NPG2714-03	08/01/06 10:31
1,3,5-Trimethylbenzene	ND	50.6		ug/L	50.0	101%	65 - 140	6075341	NPG2714-03	08/01/06 10:31
1,2,4-Trimethylbenzene	ND	51.0		ug/L	50.0	102%	60 - 143	6075341	NPG2714-03	08/01/06 10:31
Vinyl chloride	ND	44.5		ug/L	50.0	89%	46 - 151	6075341	NPG2714-03	08/01/06 10:31
Xylenes, total	ND	178		ug/L	150	119%	68 - 139	6075341	NPG2714-03	08/01/06 10:31
Surrogate: 1,2-Dichloroethane-d4		52.1		ug/L	50.0	104%	70 - 130	6075341	NPG2714-03	08/01/06 10:31
Surrogate: Dibromofluoromethane		53.4		ug/L	50.0	107%	79 - 122	6075341	NPG2714-03	08/01/06 10:31
Surrogate: Toluene-d8		53.9		ug/L	50.0	108%	78 - 121	6075341	NPG2714-03	08/01/06 10:31
Surrogate: 4-Bromofluorobenzene		47.4		ug/L	50.0	95%	78 - 126	6075341	NPG2714-03	08/01/06 10:31
6075354-MS1										
Acetone	ND	231		ug/L	250	92%	11 - 157	6075354	NPG2765-11	07/31/06 22:02
Benzene	ND	54.0		ug/L	50.0	108%	74 - 133	6075354	NPG2765-11	07/31/06 22:02
Bromobenzene	ND	54.2		ug/L	50.0	108%	71 - 129	6075354	NPG2765-11	07/31/06 22:02
Bromochloromethane	ND	57.5		ug/L	50.0	115%	73 - 134	6075354	NPG2765-11	07/31/06 22:02
Bromodichloromethane	ND	57.8		ug/L	50.0	116%	67 - 138	6075354	NPG2765-11	07/31/06 22:02
Bromoform	ND	47.4		ug/L	50.0	95%	37 - 140	6075354	NPG2765-11	07/31/06 22:02
Bromomethane	ND	58.2		ug/L	50.0	116%	29 - 171	6075354	NPG2765-11	07/31/06 22:02
2-Butanone	ND	266		ug/L	250	106%	50 - 151	6075354	NPG2765-11	07/31/06 22:02
sec-Butylbenzene	ND	52.3		ug/L	50.0	105%	68 - 139	6075354	NPG2765-11	07/31/06 22:02
n-Butylbenzene	ND	55.1		ug/L	50.0	110%	58 - 146	6075354	NPG2765-11	07/31/06 22:02

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075354-MS1										
tert-Butylbenzene	ND	49.8		ug/L	50.0	100%	67 - 137	6075354	NPG2765-11	07/31/06 22:02
Carbon disulfide	ND	51.7		ug/L	50.0	103%	50 - 147	6075354	NPG2765-11	07/31/06 22:02
Carbon Tetrachloride	ND	62.2		ug/L	50.0	124%	56 - 147	6075354	NPG2765-11	07/31/06 22:02
Chlorobenzene	ND	57.0		ug/L	50.0	114%	79 - 124	6075354	NPG2765-11	07/31/06 22:02
Chlorodibromomethane	ND	60.3		ug/L	50.0	121%	62 - 130	6075354	NPG2765-11	07/31/06 22:02
Chloroethane	ND	52.1		ug/L	50.0	104%	47 - 160	6075354	NPG2765-11	07/31/06 22:02
Chloroform	ND	55.3		ug/L	50.0	111%	71 - 134	6075354	NPG2765-11	07/31/06 22:02
Chloromethane	ND	52.1		ug/L	50.0	104%	22 - 177	6075354	NPG2765-11	07/31/06 22:02
2-Chlorotoluene	ND	60.0		ug/L	50.0	120%	63 - 143	6075354	NPG2765-11	07/31/06 22:02
4-Chlorotoluene	ND	52.3		ug/L	50.0	105%	67 - 139	6075354	NPG2765-11	07/31/06 22:02
1,2-Dibromo-3-chloropropane	ND	43.9		ug/L	50.0	88%	47 - 133	6075354	NPG2765-11	07/31/06 22:02
1,2-Dibromoethane (EDB)	ND	58.2		ug/L	50.0	116%	72 - 133	6075354	NPG2765-11	07/31/06 22:02
Dibromomethane	ND	58.0		ug/L	50.0	116%	70 - 135	6075354	NPG2765-11	07/31/06 22:02
1,4-Dichlorobenzene	ND	54.0		ug/L	50.0	108%	72 - 126	6075354	NPG2765-11	07/31/06 22:02
1,3-Dichlorobenzene	ND	57.9		ug/L	50.0	116%	72 - 133	6075354	NPG2765-11	07/31/06 22:02
1,2-Dichlorobenzene	ND	56.9		ug/L	50.0	114%	73 - 131	6075354	NPG2765-11	07/31/06 22:02
Dichlorodifluoromethane	ND	30.0		ug/L	50.0	60%	11 - 182	6075354	NPG2765-11	07/31/06 22:02
1,1-Dichloroethane	ND	56.2		ug/L	50.0	112%	70 - 135	6075354	NPG2765-11	07/31/06 22:02
1,2-Dichloroethane	ND	56.4		ug/L	50.0	113%	62 - 140	6075354	NPG2765-11	07/31/06 22:02
cis-1,2-Dichloroethene	ND	56.5		ug/L	50.0	113%	67 - 137	6075354	NPG2765-11	07/31/06 22:02
1,1-Dichloroethene	ND	55.2		ug/L	50.0	110%	67 - 139	6075354	NPG2765-11	07/31/06 22:02
trans-1,2-Dichloroethene	ND	57.6		ug/L	50.0	115%	66 - 138	6075354	NPG2765-11	07/31/06 22:02
1,3-Dichloropropane	ND	56.4		ug/L	50.0	113%	76 - 126	6075354	NPG2765-11	07/31/06 22:02
1,2-Dichloropropane	ND	56.0		ug/L	50.0	112%	75 - 131	6075354	NPG2765-11	07/31/06 22:02
2,2-Dichloropropane	ND	59.1		ug/L	50.0	118%	13 - 166	6075354	NPG2765-11	07/31/06 22:02
cis-1,3-Dichloropropene	ND	56.0		ug/L	50.0	112%	53 - 139	6075354	NPG2765-11	07/31/06 22:02
trans-1,3-Dichloropropene	ND	49.9		ug/L	50.0	100%	51 - 130	6075354	NPG2765-11	07/31/06 22:02
1,1-Dichloropropene	ND	53.6		ug/L	50.0	107%	73 - 134	6075354	NPG2765-11	07/31/06 22:02
Ethylbenzene	ND	63.6		ug/L	50.0	127%	74 - 134	6075354	NPG2765-11	07/31/06 22:02
Hexachlorobutadiene	ND	58.5		ug/L	50.0	117%	52 - 143	6075354	NPG2765-11	07/31/06 22:02
2-Hexanone	ND	259		ug/L	250	104%	58 - 138	6075354	NPG2765-11	07/31/06 22:02
Isopropylbenzene	ND	55.4		ug/L	50.0	111%	69 - 138	6075354	NPG2765-11	07/31/06 22:02
p-Isopropyltoluene	ND	59.4		ug/L	50.0	119%	66 - 141	6075354	NPG2765-11	07/31/06 22:02
Methyl tert-Butyl Ether	ND	56.0		ug/L	50.0	112%	58 - 151	6075354	NPG2765-11	07/31/06 22:02
Methylene Chloride	ND	54.2		ug/L	50.0	108%	69 - 138	6075354	NPG2765-11	07/31/06 22:02
4-Methyl-2-pentanone	ND	277		ug/L	250	111%	66 - 137	6075354	NPG2765-11	07/31/06 22:02
Naphthalene	ND	53.0		ug/L	50.0	106%	47 - 154	6075354	NPG2765-11	07/31/06 22:02

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075354-MS1										
n-Propylbenzene	ND	51.8		ug/L	50.0	104%	67 - 140	6075354	NPG2765-11	07/31/06 22:02
Styrene	ND	55.3		ug/L	50.0	111%	64 - 138	6075354	NPG2765-11	07/31/06 22:02
1,1,1,2-Tetrachloroethane	ND	58.8		ug/L	50.0	118%	10 - 179	6075354	NPG2765-11	07/31/06 22:02
1,1,2,2-Tetrachloroethane	ND	51.4		ug/L	50.0	103%	65 - 134	6075354	NPG2765-11	07/31/06 22:02
Tetrachloroethene	ND	58.0		ug/L	50.0	116%	71 - 132	6075354	NPG2765-11	07/31/06 22:02
Toluene	ND	57.5		ug/L	50.0	115%	73 - 133	6075354	NPG2765-11	07/31/06 22:02
1,2,3-Trichlorobenzene	ND	59.8		ug/L	50.0	120%	57 - 142	6075354	NPG2765-11	07/31/06 22:02
1,2,4-Trichlorobenzene	ND	58.0		ug/L	50.0	116%	56 - 139	6075354	NPG2765-11	07/31/06 22:02
1,1,2-Trichloroethane	ND	56.7		ug/L	50.0	113%	78 - 125	6075354	NPG2765-11	07/31/06 22:02
1,1,1-Trichloroethane	ND	59.6		ug/L	50.0	119%	66 - 142	6075354	NPG2765-11	07/31/06 22:02
Trichloroethene	9.90	69.7		ug/L	50.0	120%	69 - 140	6075354	NPG2765-11	07/31/06 22:02
Trichlorofluoromethane	ND	51.2		ug/L	50.0	102%	57 - 149	6075354	NPG2765-11	07/31/06 22:02
1,2,3-Trichloropropane	ND	52.2		ug/L	50.0	104%	55 - 138	6075354	NPG2765-11	07/31/06 22:02
1,3,5-Trimethylbenzene	ND	53.1		ug/L	50.0	106%	65 - 140	6075354	NPG2765-11	07/31/06 22:02
1,2,4-Trimethylbenzene	ND	53.5		ug/L	50.0	107%	60 - 143	6075354	NPG2765-11	07/31/06 22:02
Vinyl chloride	ND	46.5		ug/L	50.0	93%	46 - 151	6075354	NPG2765-11	07/31/06 22:02
Xylenes, total	ND	177		ug/L	150	118%	68 - 139	6075354	NPG2765-11	07/31/06 22:02
Surrogate: 1,2-Dichloroethane-d4		52.3		ug/L	50.0	105%	70 - 130	6075354	NPG2765-11	07/31/06 22:02
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	79 - 122	6075354	NPG2765-11	07/31/06 22:02
Surrogate: Toluene-d8		53.0		ug/L	50.0	106%	78 - 121	6075354	NPG2765-11	07/31/06 22:02
Surrogate: 4-Bromofluorobenzene		48.1		ug/L	50.0	96%	78 - 126	6075354	NPG2765-11	07/31/06 22:02
6075682-MS1										
Acetone	ND	229		ug/L	250	92%	11 - 157	6075682	NPG2866-01	08/01/06 23:00
Benzene	ND	55.9		ug/L	50.0	112%	74 - 133	6075682	NPG2866-01	08/01/06 23:00
Bromobenzene	ND	53.2		ug/L	50.0	106%	71 - 129	6075682	NPG2866-01	08/01/06 23:00
Bromochloromethane	ND	57.9		ug/L	50.0	116%	73 - 134	6075682	NPG2866-01	08/01/06 23:00
Bromodichloromethane	ND	58.8		ug/L	50.0	118%	67 - 138	6075682	NPG2866-01	08/01/06 23:00
Bromoform	ND	47.4		ug/L	50.0	95%	37 - 140	6075682	NPG2866-01	08/01/06 23:00
Bromomethane	ND	65.9		ug/L	50.0	132%	29 - 171	6075682	NPG2866-01	08/01/06 23:00
2-Butanone	ND	279		ug/L	250	112%	50 - 151	6075682	NPG2866-01	08/01/06 23:00
sec-Butylbenzene	ND	51.9		ug/L	50.0	104%	68 - 139	6075682	NPG2866-01	08/01/06 23:00
n-Butylbenzene	ND	53.9		ug/L	50.0	108%	58 - 146	6075682	NPG2866-01	08/01/06 23:00
tert-Butylbenzene	ND	49.5		ug/L	50.0	99%	67 - 137	6075682	NPG2866-01	08/01/06 23:00
Carbon disulfide	ND	54.1		ug/L	50.0	108%	50 - 147	6075682	NPG2866-01	08/01/06 23:00
Carbon Tetrachloride	ND	65.4		ug/L	50.0	131%	56 - 147	6075682	NPG2866-01	08/01/06 23:00
Chlorobenzene	ND	57.1		ug/L	50.0	114%	79 - 124	6075682	NPG2866-01	08/01/06 23:00
Chlorodibromomethane	ND	63.6		ug/L	50.0	127%	62 - 130	6075682	NPG2866-01	08/01/06 23:00

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075682-MS1										
Chloroethane	ND	59.4		ug/L	50.0	119%	47 - 160	6075682	NPG2866-01	08/01/06 23:00
Chloroform	ND	60.1		ug/L	50.0	120%	71 - 134	6075682	NPG2866-01	08/01/06 23:00
Chloromethane	ND	54.4		ug/L	50.0	109%	22 - 177	6075682	NPG2866-01	08/01/06 23:00
2-Chlorotoluene	ND	60.3		ug/L	50.0	121%	63 - 143	6075682	NPG2866-01	08/01/06 23:00
4-Chlorotoluene	ND	52.2		ug/L	50.0	104%	67 - 139	6075682	NPG2866-01	08/01/06 23:00
1,2-Dibromo-3-chloropropane	ND	42.8		ug/L	50.0	86%	47 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2-Dibromoethane (EDB)	ND	59.0		ug/L	50.0	118%	72 - 133	6075682	NPG2866-01	08/01/06 23:00
Dibromomethane	ND	59.2		ug/L	50.0	118%	70 - 135	6075682	NPG2866-01	08/01/06 23:00
1,4-Dichlorobenzene	ND	53.3		ug/L	50.0	107%	72 - 126	6075682	NPG2866-01	08/01/06 23:00
1,3-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	72 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichlorobenzene	ND	56.7		ug/L	50.0	113%	73 - 131	6075682	NPG2866-01	08/01/06 23:00
Dichlorodifluoromethane	ND	48.1		ug/L	50.0	96%	11 - 182	6075682	NPG2866-01	08/01/06 23:00
1,1-Dichloroethane	ND	59.0		ug/L	50.0	118%	70 - 135	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichloroethane	ND	60.3		ug/L	50.0	121%	62 - 140	6075682	NPG2866-01	08/01/06 23:00
cis-1,2-Dichloroethene	0.940	60.1		ug/L	50.0	118%	67 - 137	6075682	NPG2866-01	08/01/06 23:00
1,1-Dichloroethene	ND	60.8		ug/L	50.0	122%	67 - 139	6075682	NPG2866-01	08/01/06 23:00
trans-1,2-Dichloroethene	ND	62.2		ug/L	50.0	124%	66 - 138	6075682	NPG2866-01	08/01/06 23:00
1,3-Dichloropropane	ND	58.8		ug/L	50.0	118%	76 - 126	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichloropropane	ND	56.4		ug/L	50.0	113%	75 - 131	6075682	NPG2866-01	08/01/06 23:00
2,2-Dichloropropane	ND	61.2		ug/L	50.0	122%	13 - 166	6075682	NPG2866-01	08/01/06 23:00
cis-1,3-Dichloropropene	ND	49.6		ug/L	50.0	99%	53 - 139	6075682	NPG2866-01	08/01/06 23:00
trans-1,3-Dichloropropene	ND	50.6		ug/L	50.0	101%	51 - 130	6075682	NPG2866-01	08/01/06 23:00
1,1-Dichloropropene	ND	59.5		ug/L	50.0	119%	73 - 134	6075682	NPG2866-01	08/01/06 23:00
Ethylbenzene	ND	64.8		ug/L	50.0	130%	74 - 134	6075682	NPG2866-01	08/01/06 23:00
Hexachlorobutadiene	ND	58.3		ug/L	50.0	117%	52 - 143	6075682	NPG2866-01	08/01/06 23:00
2-Hexanone	ND	261		ug/L	250	104%	58 - 138	6075682	NPG2866-01	08/01/06 23:00
Isopropylbenzene	ND	51.7		ug/L	50.0	103%	69 - 138	6075682	NPG2866-01	08/01/06 23:00
p-Isopropyltoluene	ND	57.7		ug/L	50.0	115%	66 - 141	6075682	NPG2866-01	08/01/06 23:00
Methyl tert-Butyl Ether	ND	55.9		ug/L	50.0	112%	58 - 151	6075682	NPG2866-01	08/01/06 23:00
Methylene Chloride	ND	55.8		ug/L	50.0	112%	69 - 138	6075682	NPG2866-01	08/01/06 23:00
4-Methyl-2-pentanone	ND	271		ug/L	250	108%	66 - 137	6075682	NPG2866-01	08/01/06 23:00
Naphthalene	ND	54.5		ug/L	50.0	109%	47 - 154	6075682	NPG2866-01	08/01/06 23:00
n-Propylbenzene	ND	53.6		ug/L	50.0	107%	67 - 140	6075682	NPG2866-01	08/01/06 23:00
Styrene	ND	60.3		ug/L	50.0	121%	64 - 138	6075682	NPG2866-01	08/01/06 23:00
1,1,1,2-Tetrachloroethane	ND	60.1		ug/L	50.0	120%	10 - 179	6075682	NPG2866-01	08/01/06 23:00
1,1,2,2-Tetrachloroethane	ND	52.4		ug/L	50.0	105%	65 - 134	6075682	NPG2866-01	08/01/06 23:00
Tetrachloroethene	ND	60.2		ug/L	50.0	120%	71 - 132	6075682	NPG2866-01	08/01/06 23:00

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075682-MS1										
Toluene	ND	58.1		ug/L	50.0	116%	73 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2,3-Trichlorobenzene	ND	60.2		ug/L	50.0	120%	57 - 142	6075682	NPG2866-01	08/01/06 23:00
1,2,4-Trichlorobenzene	ND	59.0		ug/L	50.0	118%	56 - 139	6075682	NPG2866-01	08/01/06 23:00
1,1,2-Trichloroethane	ND	59.6		ug/L	50.0	119%	78 - 125	6075682	NPG2866-01	08/01/06 23:00
1,1,1-Trichloroethane	ND	64.2		ug/L	50.0	128%	66 - 142	6075682	NPG2866-01	08/01/06 23:00
Trichloroethene	69.9	130		ug/L	50.0	120%	69 - 140	6075682	NPG2866-01	08/01/06 23:00
Trichlorofluoromethane	ND	63.1		ug/L	50.0	126%	57 - 149	6075682	NPG2866-01	08/01/06 23:00
1,2,3-Trichloropropane	ND	48.8		ug/L	50.0	98%	55 - 138	6075682	NPG2866-01	08/01/06 23:00
1,3,5-Trimethylbenzene	ND	52.6		ug/L	50.0	105%	65 - 140	6075682	NPG2866-01	08/01/06 23:00
1,2,4-Trimethylbenzene	ND	52.7		ug/L	50.0	105%	60 - 143	6075682	NPG2866-01	08/01/06 23:00
Vinyl chloride	ND	58.3		ug/L	50.0	117%	46 - 151	6075682	NPG2866-01	08/01/06 23:00
Xylenes, total	ND	179		ug/L	150	119%	68 - 139	6075682	NPG2866-01	08/01/06 23:00
Surrogate: 1,2-Dichloroethane-d4		55.9		ug/L	50.0	112%	70 - 130	6075682	NPG2866-01	08/01/06 23:00
Surrogate: Dibromofluoromethane		55.4		ug/L	50.0	111%	79 - 122	6075682	NPG2866-01	08/01/06 23:00
Surrogate: Toluene-d8		53.9		ug/L	50.0	108%	78 - 121	6075682	NPG2866-01	08/01/06 23:00
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126	6075682	NPG2866-01	08/01/06 23:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6074840-MSD1												
Acetone	ND	267		ug/L	250	107%	11 - 157	0.8	31	6074840	NPG2643-01	07/30/06 01:21
Benzene	ND	57.2		ug/L	50.0	114%	74 - 133	5	19	6074840	NPG2643-01	07/30/06 01:21
Bromobenzene	ND	49.8		ug/L	50.0	100%	71 - 129	5	19	6074840	NPG2643-01	07/30/06 01:21
Bromochloromethane	ND	61.0		ug/L	50.0	122%	73 - 134	3	19	6074840	NPG2643-01	07/30/06 01:21
Bromodichloromethane	ND	61.1		ug/L	50.0	122%	67 - 138	4	16	6074840	NPG2643-01	07/30/06 01:21
Bromoform	ND	47.3		ug/L	50.0	95%	37 - 140	0.8	19	6074840	NPG2643-01	07/30/06 01:21
Bromomethane	ND	55.6		ug/L	50.0	111%	29 - 171	5	31	6074840	NPG2643-01	07/30/06 01:21
2-Butanone	ND	292		ug/L	250	117%	50 - 151	2	27	6074840	NPG2643-01	07/30/06 01:21
sec-Butylbenzene	ND	42.3		ug/L	50.0	85%	68 - 139	13	21	6074840	NPG2643-01	07/30/06 01:21
n-Butylbenzene	ND	33.9		ug/L	50.0	68%	58 - 146	16	21	6074840	NPG2643-01	07/30/06 01:21
tert-Butylbenzene	ND	47.0		ug/L	50.0	94%	67 - 137	11	21	6074840	NPG2643-01	07/30/06 01:21
Carbon disulfide	ND	60.3		ug/L	50.0	121%	50 - 147	2	25	6074840	NPG2643-01	07/30/06 01:21
Carbon Tetrachloride	ND	58.9		ug/L	50.0	118%	56 - 147	3	22	6074840	NPG2643-01	07/30/06 01:21
Chlorobenzene	ND	54.8		ug/L	50.0	110%	79 - 124	3	17	6074840	NPG2643-01	07/30/06 01:21
Chlorodibromomethane	ND	49.8		ug/L	50.0	100%	62 - 130	2	16	6074840	NPG2643-01	07/30/06 01:21
Chloroethane	ND	53.9		ug/L	50.0	108%	47 - 160	1	24	6074840	NPG2643-01	07/30/06 01:21
Chloroform	ND	56.9		ug/L	50.0	114%	71 - 134	5	16	6074840	NPG2643-01	07/30/06 01:21
Chloromethane	ND	44.4		ug/L	50.0	89%	22 - 177	2	32	6074840	NPG2643-01	07/30/06 01:21
2-Chlorotoluene	ND	49.7		ug/L	50.0	99%	63 - 143	7	24	6074840	NPG2643-01	07/30/06 01:21
4-Chlorotoluene	ND	50.8		ug/L	50.0	102%	67 - 139	7	18	6074840	NPG2643-01	07/30/06 01:21
1,2-Dibromo-3-chloropropane	ND	54.3		ug/L	50.0	109%	47 - 133	10	21	6074840	NPG2643-01	07/30/06 01:21
1,2-Dibromoethane (EDB)	ND	56.1		ug/L	50.0	112%	72 - 133	0.4	17	6074840	NPG2643-01	07/30/06 01:21
Dibromomethane	ND	57.1		ug/L	50.0	114%	70 - 135	4	19	6074840	NPG2643-01	07/30/06 01:21
1,4-Dichlorobenzene	ND	47.2		ug/L	50.0	94%	72 - 126	8	18	6074840	NPG2643-01	07/30/06 01:21
1,3-Dichlorobenzene	ND	48.7		ug/L	50.0	97%	72 - 133	9	17	6074840	NPG2643-01	07/30/06 01:21
1,2-Dichlorobenzene	ND	51.8		ug/L	50.0	104%	73 - 131	5	16	6074840	NPG2643-01	07/30/06 01:21
Dichlorodifluoromethane	ND	23.5		ug/L	50.0	47%	11 - 182	3	34	6074840	NPG2643-01	07/30/06 01:21
1,1-Dichloroethane	ND	56.6		ug/L	50.0	113%	70 - 135	5	17	6074840	NPG2643-01	07/30/06 01:21
1,2-Dichloroethane	ND	55.4		ug/L	50.0	111%	62 - 140	4	17	6074840	NPG2643-01	07/30/06 01:21
cis-1,2-Dichloroethene	ND	59.2		ug/L	50.0	118%	67 - 137	3	20	6074840	NPG2643-01	07/30/06 01:21
1,1-Dichloroethene	ND	56.4		ug/L	50.0	113%	67 - 139	2	20	6074840	NPG2643-01	07/30/06 01:21
trans-1,2-Dichloroethene	ND	57.9		ug/L	50.0	116%	66 - 138	4	18	6074840	NPG2643-01	07/30/06 01:21
1,3-Dichloropropane	ND	53.3		ug/L	50.0	107%	76 - 126	0.7	14	6074840	NPG2643-01	07/30/06 01:21
1,2-Dichloropropane	ND	56.6		ug/L	50.0	113%	75 - 131	0.9	17	6074840	NPG2643-01	07/30/06 01:21
2,2-Dichloropropane	ND	59.4		ug/L	50.0	119%	13 - 166	4	29	6074840	NPG2643-01	07/30/06 01:21
cis-1,3-Dichloropropene	ND	59.1		ug/L	50.0	118%	53 - 139	0.8	20	6074840	NPG2643-01	07/30/06 01:21
trans-1,3-Dichloropropene	ND	50.3		ug/L	50.0	101%	51 - 130	0.8	18	6074840	NPG2643-01	07/30/06 01:21
1,1-Dichloropropene	ND	59.1		ug/L	50.0	118%	73 - 134	4	23	6074840	NPG2643-01	07/30/06 01:21
Ethylbenzene	ND	55.2		ug/L	50.0	110%	74 - 134	5	21	6074840	NPG2643-01	07/30/06 01:21
Hexachlorobutadiene	ND	17.7	M8	ug/L	50.0	35%	52 - 143	20	26	6074840	NPG2643-01	07/30/06 01:21
2-Hexanone	ND	318		ug/L	250	127%	58 - 138	5	18	6074840	NPG2643-01	07/30/06 01:21

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6074840-MSD1												
Isopropylbenzene	ND	55.4		ug/L	50.0	111%	69 - 138	8	21	6074840	NPG2643-01	07/30/06 01:21
p-Isopropyltoluene	ND	43.1		ug/L	50.0	86%	66 - 141	13	21	6074840	NPG2643-01	07/30/06 01:21
Methyl tert-Butyl Ether	ND	60.8		ug/L	50.0	122%	58 - 151	0	28	6074840	NPG2643-01	07/30/06 01:21
Methylene Chloride	ND	58.8		ug/L	50.0	118%	69 - 138	3	19	6074840	NPG2643-01	07/30/06 01:21
4-Methyl-2-pentanone	ND	304		ug/L	250	122%	66 - 137	1	16	6074840	NPG2643-01	07/30/06 01:21
Naphthalene	ND	51.3		ug/L	50.0	103%	47 - 154	3	43	6074840	NPG2643-01	07/30/06 01:21
n-Propylbenzene	ND	48.4		ug/L	50.0	97%	67 - 140	9	21	6074840	NPG2643-01	07/30/06 01:21
Styrene	ND	56.8		ug/L	50.0	114%	64 - 138	6	24	6074840	NPG2643-01	07/30/06 01:21
1,1,1,2-Tetrachloroethane	ND	57.4		ug/L	50.0	115%	10 - 179	3	16	6074840	NPG2643-01	07/30/06 01:21
1,1,2,2-Tetrachloroethane	ND	52.0		ug/L	50.0	104%	65 - 134	1	23	6074840	NPG2643-01	07/30/06 01:21
Tetrachloroethene	ND	52.0		ug/L	50.0	104%	71 - 132	6	20	6074840	NPG2643-01	07/30/06 01:21
Toluene	ND	53.5		ug/L	50.0	107%	73 - 133	3	20	6074840	NPG2643-01	07/30/06 01:21
1,2,3-Trichlorobenzene	ND	38.4		ug/L	50.0	77%	57 - 142	6	38	6074840	NPG2643-01	07/30/06 01:21
1,2,4-Trichlorobenzene	ND	39.0		ug/L	50.0	78%	56 - 139	4	25	6074840	NPG2643-01	07/30/06 01:21
1,1,2-Trichloroethane	ND	53.0		ug/L	50.0	106%	78 - 125	3	15	6074840	NPG2643-01	07/30/06 01:21
1,1,1-Trichloroethane	ND	58.3		ug/L	50.0	117%	66 - 142	5	25	6074840	NPG2643-01	07/30/06 01:21
Trichloroethene	ND	60.1		ug/L	50.0	120%	69 - 140	5	21	6074840	NPG2643-01	07/30/06 01:21
Trichlorofluoromethane	ND	43.5		ug/L	50.0	87%	57 - 149	2	23	6074840	NPG2643-01	07/30/06 01:21
1,2,3-Trichloropropane	ND	56.4		ug/L	50.0	113%	55 - 138	0.7	20	6074840	NPG2643-01	07/30/06 01:21
1,3,5-Trimethylbenzene	ND	49.0		ug/L	50.0	98%	65 - 140	10	23	6074840	NPG2643-01	07/30/06 01:21
1,2,4-Trimethylbenzene	ND	50.1		ug/L	50.0	100%	60 - 143	9	24	6074840	NPG2643-01	07/30/06 01:21
Vinyl chloride	ND	48.1		ug/L	50.0	96%	46 - 151	0.2	23	6074840	NPG2643-01	07/30/06 01:21
Xylenes, total	ND	167		ug/L	150	111%	68 - 139	5	23	6074840	NPG2643-01	07/30/06 01:21
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/L	50.0	91%	70 - 130			6074840	NPG2643-01	07/30/06 01:21
Surrogate: Dibromofluoromethane		49.4		ug/L	50.0	99%	79 - 122			6074840	NPG2643-01	07/30/06 01:21
Surrogate: Toluene-d8		46.5		ug/L	50.0	93%	78 - 121			6074840	NPG2643-01	07/30/06 01:21
Surrogate: 4-Bromofluorobenzene		46.4		ug/L	50.0	93%	78 - 126			6074840	NPG2643-01	07/30/06 01:21
6075341-MSD1												
Acetone	ND	248		ug/L	250	99%	11 - 157	7	31	6075341	NPG2714-03	08/01/06 10:59
Benzene	ND	52.8		ug/L	50.0	106%	74 - 133	1	19	6075341	NPG2714-03	08/01/06 10:59
Bromobenzene	ND	51.6		ug/L	50.0	103%	71 - 129	0.4	19	6075341	NPG2714-03	08/01/06 10:59
Bromochloromethane	ND	55.6		ug/L	50.0	111%	73 - 134	1	19	6075341	NPG2714-03	08/01/06 10:59
Bromodichloromethane	ND	55.5		ug/L	50.0	111%	67 - 138	5	16	6075341	NPG2714-03	08/01/06 10:59
Bromoform	ND	46.3		ug/L	50.0	93%	37 - 140	2	19	6075341	NPG2714-03	08/01/06 10:59
Bromomethane	ND	60.5		ug/L	50.0	121%	29 - 171	3	31	6075341	NPG2714-03	08/01/06 10:59
2-Butanone	ND	269		ug/L	250	108%	50 - 151	3	27	6075341	NPG2714-03	08/01/06 10:59
sec-Butylbenzene	ND	49.5		ug/L	50.0	99%	68 - 139	0.6	21	6075341	NPG2714-03	08/01/06 10:59
n-Butylbenzene	ND	49.0		ug/L	50.0	98%	58 - 146	2	21	6075341	NPG2714-03	08/01/06 10:59
tert-Butylbenzene	ND	48.8		ug/L	50.0	98%	67 - 137	3	21	6075341	NPG2714-03	08/01/06 10:59
Carbon disulfide	ND	49.4		ug/L	50.0	99%	50 - 147	0.6	25	6075341	NPG2714-03	08/01/06 10:59

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075341-MSD1												
Carbon Tetrachloride	ND	59.4		ug/L	50.0	119%	56 - 147	5	22	6075341	NPG2714-03	08/01/06 10:59
Chlorobenzene	ND	56.9		ug/L	50.0	114%	79 - 124	0.9	17	6075341	NPG2714-03	08/01/06 10:59
Chlorodibromomethane	ND	60.9		ug/L	50.0	122%	62 - 130	2	16	6075341	NPG2714-03	08/01/06 10:59
Chloroethane	ND	51.8		ug/L	50.0	104%	47 - 160	0.2	24	6075341	NPG2714-03	08/01/06 10:59
Chloroform	ND	53.4		ug/L	50.0	107%	71 - 134	4	16	6075341	NPG2714-03	08/01/06 10:59
Chloromethane	ND	48.8		ug/L	50.0	98%	22 - 177	2	32	6075341	NPG2714-03	08/01/06 10:59
2-Chlorotoluene	ND	56.8		ug/L	50.0	114%	63 - 143	0.4	24	6075341	NPG2714-03	08/01/06 10:59
4-Chlorotoluene	ND	49.8		ug/L	50.0	100%	67 - 139	0.4	18	6075341	NPG2714-03	08/01/06 10:59
1,2-Dibromo-3-chloropropane	ND	42.0		ug/L	50.0	84%	47 - 133	0.2	21	6075341	NPG2714-03	08/01/06 10:59
1,2-Dibromoethane (EDB)	ND	57.6		ug/L	50.0	115%	72 - 133	1	17	6075341	NPG2714-03	08/01/06 10:59
Dibromomethane	ND	55.6		ug/L	50.0	111%	70 - 135	6	19	6075341	NPG2714-03	08/01/06 10:59
1,4-Dichlorobenzene	ND	52.0		ug/L	50.0	104%	72 - 126	0.8	18	6075341	NPG2714-03	08/01/06 10:59
1,3-Dichlorobenzene	ND	55.6		ug/L	50.0	111%	72 - 133	0.4	17	6075341	NPG2714-03	08/01/06 10:59
1,2-Dichlorobenzene	ND	55.0		ug/L	50.0	110%	73 - 131	0.7	16	6075341	NPG2714-03	08/01/06 10:59
Dichlorodifluoromethane	ND	26.3		ug/L	50.0	53%	11 - 182	8	34	6075341	NPG2714-03	08/01/06 10:59
1,1-Dichloroethane	ND	54.8		ug/L	50.0	110%	70 - 135	1	17	6075341	NPG2714-03	08/01/06 10:59
1,2-Dichloroethane	ND	52.1		ug/L	50.0	104%	62 - 140	6	17	6075341	NPG2714-03	08/01/06 10:59
cis-1,2-Dichloroethene	ND	52.6		ug/L	50.0	105%	67 - 137	2	20	6075341	NPG2714-03	08/01/06 10:59
1,1-Dichloroethene	ND	55.7		ug/L	50.0	111%	67 - 139	0.4	20	6075341	NPG2714-03	08/01/06 10:59
trans-1,2-Dichloroethene	ND	54.9		ug/L	50.0	110%	66 - 138	2	18	6075341	NPG2714-03	08/01/06 10:59
1,3-Dichloropropane	ND	56.8		ug/L	50.0	114%	76 - 126	2	14	6075341	NPG2714-03	08/01/06 10:59
1,2-Dichloropropane	ND	54.2		ug/L	50.0	108%	75 - 131	1	17	6075341	NPG2714-03	08/01/06 10:59
2,2-Dichloropropane	ND	44.4		ug/L	50.0	89%	13 - 166	3	29	6075341	NPG2714-03	08/01/06 10:59
cis-1,3-Dichloropropene	ND	56.3		ug/L	50.0	113%	53 - 139	5	20	6075341	NPG2714-03	08/01/06 10:59
trans-1,3-Dichloropropene	ND	50.6		ug/L	50.0	101%	51 - 130	2	18	6075341	NPG2714-03	08/01/06 10:59
1,1-Dichloropropene	ND	52.5		ug/L	50.0	105%	73 - 134	0.2	23	6075341	NPG2714-03	08/01/06 10:59
Ethylbenzene	0.530	62.2		ug/L	50.0	123%	74 - 134	3	21	6075341	NPG2714-03	08/01/06 10:59
Hexachlorobutadiene	ND	50.6		ug/L	50.0	101%	52 - 143	0.6	26	6075341	NPG2714-03	08/01/06 10:59
2-Hexanone	ND	259		ug/L	250	104%	58 - 138	0.4	18	6075341	NPG2714-03	08/01/06 10:59
Isopropylbenzene	ND	54.2		ug/L	50.0	108%	69 - 138	2	21	6075341	NPG2714-03	08/01/06 10:59
p-Isopropyltoluene	ND	56.0		ug/L	50.0	112%	66 - 141	0.9	21	6075341	NPG2714-03	08/01/06 10:59
Methyl tert-Butyl Ether	ND	57.0		ug/L	50.0	114%	58 - 151	3	28	6075341	NPG2714-03	08/01/06 10:59
Methylene Chloride	ND	53.0		ug/L	50.0	106%	69 - 138	0.9	19	6075341	NPG2714-03	08/01/06 10:59
4-Methyl-2-pentanone	ND	286		ug/L	250	114%	66 - 137	1	16	6075341	NPG2714-03	08/01/06 10:59
Naphthalene	ND	52.2		ug/L	50.0	104%	47 - 154	0.8	43	6075341	NPG2714-03	08/01/06 10:59
n-Propylbenzene	ND	49.0		ug/L	50.0	98%	67 - 140	0.2	21	6075341	NPG2714-03	08/01/06 10:59
Styrene	ND	52.1		ug/L	50.0	104%	64 - 138	2	24	6075341	NPG2714-03	08/01/06 10:59
1,1,1,2-Tetrachloroethane	ND	58.5		ug/L	50.0	117%	10 - 179	2	16	6075341	NPG2714-03	08/01/06 10:59
1,1,2,2-Tetrachloroethane	ND	49.6		ug/L	50.0	99%	65 - 134	0.2	23	6075341	NPG2714-03	08/01/06 10:59
Tetrachloroethene	ND	59.2		ug/L	50.0	118%	71 - 132	3	20	6075341	NPG2714-03	08/01/06 10:59
Toluene	ND	58.0		ug/L	50.0	116%	73 - 133	2	20	6075341	NPG2714-03	08/01/06 10:59

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075341-MSD1												
1,2,3-Trichlorobenzene	ND	57.3		ug/L	50.0	115%	57 - 142	3	38	6075341	NPG2714-03	08/01/06 10:59
1,2,4-Trichlorobenzene	ND	54.4		ug/L	50.0	109%	56 - 139	3	25	6075341	NPG2714-03	08/01/06 10:59
1,1,2-Trichloroethane	ND	57.6		ug/L	50.0	115%	78 - 125	2	15	6075341	NPG2714-03	08/01/06 10:59
1,1,1-Trichloroethane	ND	57.1		ug/L	50.0	114%	66 - 142	4	25	6075341	NPG2714-03	08/01/06 10:59
Trichloroethene	ND	55.7		ug/L	50.0	111%	69 - 140	1	21	6075341	NPG2714-03	08/01/06 10:59
Trichlorofluoromethane	ND	47.2		ug/L	50.0	94%	57 - 149	8	23	6075341	NPG2714-03	08/01/06 10:59
1,2,3-Trichloropropane	ND	49.4		ug/L	50.0	99%	55 - 138	0.8	20	6075341	NPG2714-03	08/01/06 10:59
1,3,5-Trimethylbenzene	ND	50.6		ug/L	50.0	101%	65 - 140	0	23	6075341	NPG2714-03	08/01/06 10:59
1,2,4-Trimethylbenzene	ND	51.1		ug/L	50.0	102%	60 - 143	0.2	24	6075341	NPG2714-03	08/01/06 10:59
Vinyl chloride	ND	46.2		ug/L	50.0	92%	46 - 151	4	23	6075341	NPG2714-03	08/01/06 10:59
Xylenes, total	ND	172		ug/L	150	115%	68 - 139	3	23	6075341	NPG2714-03	08/01/06 10:59
Surrogate: 1,2-Dichloroethane-d4		49.9		ug/L	50.0	100%	70 - 130			6075341	NPG2714-03	08/01/06 10:59
Surrogate: Dibromofluoromethane		50.3		ug/L	50.0	101%	79 - 122			6075341	NPG2714-03	08/01/06 10:59
Surrogate: Toluene-d8		52.6		ug/L	50.0	105%	78 - 121			6075341	NPG2714-03	08/01/06 10:59
Surrogate: 4-Bromofluorobenzene		48.5		ug/L	50.0	97%	78 - 126			6075341	NPG2714-03	08/01/06 10:59
6075354-MSD1												
Acetone	ND	213		ug/L	250	85%	11 - 157	8	31	6075354	NPG2765-11	07/31/06 22:30
Benzene	ND	52.7		ug/L	50.0	105%	74 - 133	2	19	6075354	NPG2765-11	07/31/06 22:30
Bromobenzene	ND	51.3		ug/L	50.0	103%	71 - 129	5	19	6075354	NPG2765-11	07/31/06 22:30
Bromochloromethane	ND	54.9		ug/L	50.0	110%	73 - 134	5	19	6075354	NPG2765-11	07/31/06 22:30
Bromodichloromethane	ND	55.7		ug/L	50.0	111%	67 - 138	4	16	6075354	NPG2765-11	07/31/06 22:30
Bromoform	ND	46.9		ug/L	50.0	94%	37 - 140	1	19	6075354	NPG2765-11	07/31/06 22:30
Bromomethane	ND	59.5		ug/L	50.0	119%	29 - 171	2	31	6075354	NPG2765-11	07/31/06 22:30
2-Butanone	ND	256		ug/L	250	102%	50 - 151	4	27	6075354	NPG2765-11	07/31/06 22:30
sec-Butylbenzene	ND	51.3		ug/L	50.0	103%	68 - 139	2	21	6075354	NPG2765-11	07/31/06 22:30
n-Butylbenzene	ND	53.5		ug/L	50.0	107%	58 - 146	3	21	6075354	NPG2765-11	07/31/06 22:30
tert-Butylbenzene	ND	48.0		ug/L	50.0	96%	67 - 137	4	21	6075354	NPG2765-11	07/31/06 22:30
Carbon disulfide	ND	51.6		ug/L	50.0	103%	50 - 147	0.2	25	6075354	NPG2765-11	07/31/06 22:30
Carbon Tetrachloride	ND	59.4		ug/L	50.0	119%	56 - 147	5	22	6075354	NPG2765-11	07/31/06 22:30
Chlorobenzene	ND	55.8		ug/L	50.0	112%	79 - 124	2	17	6075354	NPG2765-11	07/31/06 22:30
Chlorodibromomethane	ND	60.1		ug/L	50.0	120%	62 - 130	0.3	16	6075354	NPG2765-11	07/31/06 22:30
Chloroethane	ND	52.0		ug/L	50.0	104%	47 - 160	0.2	24	6075354	NPG2765-11	07/31/06 22:30
Chloroform	ND	53.5		ug/L	50.0	107%	71 - 134	3	16	6075354	NPG2765-11	07/31/06 22:30
Chloromethane	ND	52.0		ug/L	50.0	104%	22 - 177	0.2	32	6075354	NPG2765-11	07/31/06 22:30
2-Chlorotoluene	ND	56.8		ug/L	50.0	114%	63 - 143	5	24	6075354	NPG2765-11	07/31/06 22:30
4-Chlorotoluene	ND	50.5		ug/L	50.0	101%	67 - 139	4	18	6075354	NPG2765-11	07/31/06 22:30
1,2-Dibromo-3-chloropropane	ND	43.5		ug/L	50.0	87%	47 - 133	0.9	21	6075354	NPG2765-11	07/31/06 22:30
1,2-Dibromoethane (EDB)	ND	56.5		ug/L	50.0	113%	72 - 133	3	17	6075354	NPG2765-11	07/31/06 22:30
Dibromomethane	ND	56.8		ug/L	50.0	114%	70 - 135	2	19	6075354	NPG2765-11	07/31/06 22:30
1,4-Dichlorobenzene	ND	52.3		ug/L	50.0	105%	72 - 126	3	18	6075354	NPG2765-11	07/31/06 22:30

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075354-MSD1												
1,3-Dichlorobenzene	ND	56.5		ug/L	50.0	113%	72 - 133	2	17	6075354	NPG2765-11	07/31/06 22:30
1,2-Dichlorobenzene	ND	55.1		ug/L	50.0	110%	73 - 131	3	16	6075354	NPG2765-11	07/31/06 22:30
Dichlorodifluoromethane	ND	29.1		ug/L	50.0	58%	11 - 182	3	34	6075354	NPG2765-11	07/31/06 22:30
1,1-Dichloroethane	ND	55.3		ug/L	50.0	111%	70 - 135	2	17	6075354	NPG2765-11	07/31/06 22:30
1,2-Dichloroethane	ND	52.4		ug/L	50.0	105%	62 - 140	7	17	6075354	NPG2765-11	07/31/06 22:30
cis-1,2-Dichloroethene	ND	55.6		ug/L	50.0	111%	67 - 137	2	20	6075354	NPG2765-11	07/31/06 22:30
1,1-Dichloroethene	ND	56.7		ug/L	50.0	113%	67 - 139	3	20	6075354	NPG2765-11	07/31/06 22:30
trans-1,2-Dichloroethene	ND	56.4		ug/L	50.0	113%	66 - 138	2	18	6075354	NPG2765-11	07/31/06 22:30
1,3-Dichloropropane	ND	55.3		ug/L	50.0	111%	76 - 126	2	14	6075354	NPG2765-11	07/31/06 22:30
1,2-Dichloropropane	ND	52.7		ug/L	50.0	105%	75 - 131	6	17	6075354	NPG2765-11	07/31/06 22:30
2,2-Dichloropropane	ND	55.8		ug/L	50.0	112%	13 - 166	6	29	6075354	NPG2765-11	07/31/06 22:30
cis-1,3-Dichloropropene	ND	58.4		ug/L	50.0	117%	53 - 139	4	20	6075354	NPG2765-11	07/31/06 22:30
trans-1,3-Dichloropropene	ND	52.6		ug/L	50.0	105%	51 - 130	5	18	6075354	NPG2765-11	07/31/06 22:30
1,1-Dichloropropene	ND	53.5		ug/L	50.0	107%	73 - 134	0.2	23	6075354	NPG2765-11	07/31/06 22:30
Ethylbenzene	ND	62.8		ug/L	50.0	126%	74 - 134	1	21	6075354	NPG2765-11	07/31/06 22:30
Hexachlorobutadiene	ND	58.1		ug/L	50.0	116%	52 - 143	0.7	26	6075354	NPG2765-11	07/31/06 22:30
2-Hexanone	ND	254		ug/L	250	102%	58 - 138	2	18	6075354	NPG2765-11	07/31/06 22:30
Isopropylbenzene	ND	54.5		ug/L	50.0	109%	69 - 138	2	21	6075354	NPG2765-11	07/31/06 22:30
p-Isopropyltoluene	ND	58.4		ug/L	50.0	117%	66 - 141	2	21	6075354	NPG2765-11	07/31/06 22:30
Methyl tert-Butyl Ether	ND	57.0		ug/L	50.0	114%	58 - 151	2	28	6075354	NPG2765-11	07/31/06 22:30
Methylene Chloride	ND	52.8		ug/L	50.0	106%	69 - 138	3	19	6075354	NPG2765-11	07/31/06 22:30
4-Methyl-2-pentanone	ND	280		ug/L	250	112%	66 - 137	1	16	6075354	NPG2765-11	07/31/06 22:30
Naphthalene	ND	52.2		ug/L	50.0	104%	47 - 154	2	43	6075354	NPG2765-11	07/31/06 22:30
n-Propylbenzene	ND	50.2		ug/L	50.0	100%	67 - 140	3	21	6075354	NPG2765-11	07/31/06 22:30
Styrene	ND	54.0		ug/L	50.0	108%	64 - 138	2	24	6075354	NPG2765-11	07/31/06 22:30
1,1,1,2-Tetrachloroethane	ND	56.1		ug/L	50.0	112%	10 - 179	5	16	6075354	NPG2765-11	07/31/06 22:30
1,1,2,2-Tetrachloroethane	ND	47.8		ug/L	50.0	96%	65 - 134	7	23	6075354	NPG2765-11	07/31/06 22:30
Tetrachloroethene	ND	59.7		ug/L	50.0	119%	71 - 132	3	20	6075354	NPG2765-11	07/31/06 22:30
Toluene	ND	57.6		ug/L	50.0	115%	73 - 133	0.2	20	6075354	NPG2765-11	07/31/06 22:30
1,2,3-Trichlorobenzene	ND	58.8		ug/L	50.0	118%	57 - 142	2	38	6075354	NPG2765-11	07/31/06 22:30
1,2,4-Trichlorobenzene	ND	58.4		ug/L	50.0	117%	56 - 139	0.7	25	6075354	NPG2765-11	07/31/06 22:30
1,1,2-Trichloroethane	ND	55.5		ug/L	50.0	111%	78 - 125	2	15	6075354	NPG2765-11	07/31/06 22:30
1,1,1-Trichloroethane	ND	57.2		ug/L	50.0	114%	66 - 142	4	25	6075354	NPG2765-11	07/31/06 22:30
Trichloroethene	9.90	67.5		ug/L	50.0	115%	69 - 140	3	21	6075354	NPG2765-11	07/31/06 22:30
Trichlorofluoromethane	ND	50.4		ug/L	50.0	101%	57 - 149	2	23	6075354	NPG2765-11	07/31/06 22:30
1,2,3-Trichloropropane	ND	50.5		ug/L	50.0	101%	55 - 138	3	20	6075354	NPG2765-11	07/31/06 22:30
1,3,5-Trimethylbenzene	ND	51.4		ug/L	50.0	103%	65 - 140	3	23	6075354	NPG2765-11	07/31/06 22:30
1,2,4-Trimethylbenzene	ND	51.5		ug/L	50.0	103%	60 - 143	4	24	6075354	NPG2765-11	07/31/06 22:30
Vinyl chloride	ND	47.2		ug/L	50.0	94%	46 - 151	1	23	6075354	NPG2765-11	07/31/06 22:30
Xylenes, total	ND	172		ug/L	150	115%	68 - 139	3	23	6075354	NPG2765-11	07/31/06 22:30
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6075354	NPG2765-11	07/31/06 22:30

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075354-MSD1												
Surrogate: Dibromofluoromethane		50.8		ug/L	50.0	102%	79 - 122			6075354	NPG2765-11	07/31/06 22:30
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	78 - 121			6075354	NPG2765-11	07/31/06 22:30
Surrogate: 4-Bromofluorobenzene		47.6		ug/L	50.0	95%	78 - 126			6075354	NPG2765-11	07/31/06 22:30
6075682-MSD1												
Acetone	ND	263		ug/L	250	105%	11 - 157	14	31	6075682	NPG2866-01	08/01/06 23:28
Benzene	ND	57.8		ug/L	50.0	116%	74 - 133	3	19	6075682	NPG2866-01	08/01/06 23:28
Bromobenzene	ND	53.3		ug/L	50.0	107%	71 - 129	0.2	19	6075682	NPG2866-01	08/01/06 23:28
Bromochloromethane	ND	60.3		ug/L	50.0	121%	73 - 134	4	19	6075682	NPG2866-01	08/01/06 23:28
Bromodichloromethane	ND	59.0		ug/L	50.0	118%	67 - 138	0.3	16	6075682	NPG2866-01	08/01/06 23:28
Bromoform	ND	47.3		ug/L	50.0	95%	37 - 140	0.2	19	6075682	NPG2866-01	08/01/06 23:28
Bromomethane	ND	72.9		ug/L	50.0	146%	29 - 171	10	31	6075682	NPG2866-01	08/01/06 23:28
2-Butanone	ND	290		ug/L	250	116%	50 - 151	4	27	6075682	NPG2866-01	08/01/06 23:28
sec-Butylbenzene	ND	51.0		ug/L	50.0	102%	68 - 139	2	21	6075682	NPG2866-01	08/01/06 23:28
n-Butylbenzene	ND	52.4		ug/L	50.0	105%	58 - 146	3	21	6075682	NPG2866-01	08/01/06 23:28
tert-Butylbenzene	ND	48.4		ug/L	50.0	97%	67 - 137	2	21	6075682	NPG2866-01	08/01/06 23:28
Carbon disulfide	ND	58.2		ug/L	50.0	116%	50 - 147	7	25	6075682	NPG2866-01	08/01/06 23:28
Carbon Tetrachloride	ND	67.2		ug/L	50.0	134%	56 - 147	3	22	6075682	NPG2866-01	08/01/06 23:28
Chlorobenzene	ND	56.3		ug/L	50.0	113%	79 - 124	1	17	6075682	NPG2866-01	08/01/06 23:28
Chlorodibromomethane	ND	62.7		ug/L	50.0	125%	62 - 130	1	16	6075682	NPG2866-01	08/01/06 23:28
Chloroethane	ND	60.6		ug/L	50.0	121%	47 - 160	2	24	6075682	NPG2866-01	08/01/06 23:28
Chloroform	ND	59.1		ug/L	50.0	118%	71 - 134	2	16	6075682	NPG2866-01	08/01/06 23:28
Chloromethane	ND	58.3		ug/L	50.0	117%	22 - 177	7	32	6075682	NPG2866-01	08/01/06 23:28
2-Chlorotoluene	ND	58.7		ug/L	50.0	117%	63 - 143	3	24	6075682	NPG2866-01	08/01/06 23:28
4-Chlorotoluene	ND	51.1		ug/L	50.0	102%	67 - 139	2	18	6075682	NPG2866-01	08/01/06 23:28
1,2-Dibromo-3-chloropropane	ND	44.8		ug/L	50.0	90%	47 - 133	5	21	6075682	NPG2866-01	08/01/06 23:28
1,2-Dibromoethane (EDB)	ND	58.6		ug/L	50.0	117%	72 - 133	0.7	17	6075682	NPG2866-01	08/01/06 23:28
Dibromomethane	ND	58.7		ug/L	50.0	117%	70 - 135	0.8	19	6075682	NPG2866-01	08/01/06 23:28
1,4-Dichlorobenzene	ND	52.7		ug/L	50.0	105%	72 - 126	1	18	6075682	NPG2866-01	08/01/06 23:28
1,3-Dichlorobenzene	ND	56.8		ug/L	50.0	114%	72 - 133	0.7	17	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	73 - 131	0.9	16	6075682	NPG2866-01	08/01/06 23:28
Dichlorodifluoromethane	ND	48.4		ug/L	50.0	97%	11 - 182	0.6	34	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloroethane	ND	60.2		ug/L	50.0	120%	70 - 135	2	17	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichloroethane	ND	59.4		ug/L	50.0	119%	62 - 140	2	17	6075682	NPG2866-01	08/01/06 23:28
cis-1,2-Dichloroethene	0.940	62.5		ug/L	50.0	123%	67 - 137	4	20	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloroethene	ND	65.9		ug/L	50.0	132%	67 - 139	8	20	6075682	NPG2866-01	08/01/06 23:28
trans-1,2-Dichloroethene	ND	64.1		ug/L	50.0	128%	66 - 138	3	18	6075682	NPG2866-01	08/01/06 23:28
1,3-Dichloropropane	ND	56.2		ug/L	50.0	112%	76 - 126	5	14	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichloropropane	ND	55.1		ug/L	50.0	110%	75 - 131	2	17	6075682	NPG2866-01	08/01/06 23:28
2,2-Dichloropropane	ND	62.0		ug/L	50.0	124%	13 - 166	1	29	6075682	NPG2866-01	08/01/06 23:28
cis-1,3-Dichloropropene	ND	52.8		ug/L	50.0	106%	53 - 139	6	20	6075682	NPG2866-01	08/01/06 23:28

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075682-MSD1												
trans-1,3-Dichloropropene	ND	51.4		ug/L	50.0	103%	51 - 130	2	18	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloropropene	ND	62.8		ug/L	50.0	126%	73 - 134	5	23	6075682	NPG2866-01	08/01/06 23:28
Ethylbenzene	ND	62.5		ug/L	50.0	125%	74 - 134	4	21	6075682	NPG2866-01	08/01/06 23:28
Hexachlorobutadiene	ND	59.5		ug/L	50.0	119%	52 - 143	2	26	6075682	NPG2866-01	08/01/06 23:28
2-Hexanone	ND	254		ug/L	250	102%	58 - 138	3	18	6075682	NPG2866-01	08/01/06 23:28
Isopropylbenzene	ND	50.3		ug/L	50.0	101%	69 - 138	3	21	6075682	NPG2866-01	08/01/06 23:28
p-Isopropyltoluene	ND	55.7		ug/L	50.0	111%	66 - 141	4	21	6075682	NPG2866-01	08/01/06 23:28
Methyl tert-Butyl Ether	ND	60.1		ug/L	50.0	120%	58 - 151	7	28	6075682	NPG2866-01	08/01/06 23:28
Methylene Chloride	ND	59.4		ug/L	50.0	119%	69 - 138	6	19	6075682	NPG2866-01	08/01/06 23:28
4-Methyl-2-pentanone	ND	287		ug/L	250	115%	66 - 137	6	16	6075682	NPG2866-01	08/01/06 23:28
Naphthalene	ND	56.0		ug/L	50.0	112%	47 - 154	3	43	6075682	NPG2866-01	08/01/06 23:28
n-Propylbenzene	ND	48.9		ug/L	50.0	98%	67 - 140	9	21	6075682	NPG2866-01	08/01/06 23:28
Styrene	ND	58.2		ug/L	50.0	116%	64 - 138	4	24	6075682	NPG2866-01	08/01/06 23:28
1,1,1,2-Tetrachloroethane	ND	58.2		ug/L	50.0	116%	10 - 179	3	16	6075682	NPG2866-01	08/01/06 23:28
1,1,2,2-Tetrachloroethane	ND	50.0		ug/L	50.0	100%	65 - 134	5	23	6075682	NPG2866-01	08/01/06 23:28
Tetrachloroethene	ND	60.7		ug/L	50.0	121%	71 - 132	0.8	20	6075682	NPG2866-01	08/01/06 23:28
Toluene	ND	58.6		ug/L	50.0	117%	73 - 133	0.9	20	6075682	NPG2866-01	08/01/06 23:28
1,2,3-Trichlorobenzene	ND	61.6		ug/L	50.0	123%	57 - 142	2	38	6075682	NPG2866-01	08/01/06 23:28
1,2,4-Trichlorobenzene	ND	61.1		ug/L	50.0	122%	56 - 139	3	25	6075682	NPG2866-01	08/01/06 23:28
1,1,2-Trichloroethane	ND	55.6		ug/L	50.0	111%	78 - 125	7	15	6075682	NPG2866-01	08/01/06 23:28
1,1,1-Trichloroethane	ND	64.4		ug/L	50.0	129%	66 - 142	0.3	25	6075682	NPG2866-01	08/01/06 23:28
Trichloroethene	69.9	126		ug/L	50.0	112%	69 - 140	3	21	6075682	NPG2866-01	08/01/06 23:28
Trichlorofluoromethane	ND	66.4		ug/L	50.0	133%	57 - 149	5	23	6075682	NPG2866-01	08/01/06 23:28
1,2,3-Trichloropropane	ND	47.8		ug/L	50.0	96%	55 - 138	2	20	6075682	NPG2866-01	08/01/06 23:28
1,3,5-Trimethylbenzene	ND	51.8		ug/L	50.0	104%	65 - 140	2	23	6075682	NPG2866-01	08/01/06 23:28
1,2,4-Trimethylbenzene	ND	52.0		ug/L	50.0	104%	60 - 143	1	24	6075682	NPG2866-01	08/01/06 23:28
Vinyl chloride	ND	64.1		ug/L	50.0	128%	46 - 151	9	23	6075682	NPG2866-01	08/01/06 23:28
Xylenes, total	ND	172		ug/L	150	115%	68 - 139	4	23	6075682	NPG2866-01	08/01/06 23:28
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6075682	NPG2866-01	08/01/06 23:28
Surrogate: Dibromofluoromethane		56.6		ug/L	50.0	113%	79 - 122			6075682	NPG2866-01	08/01/06 23:28
Surrogate: Toluene-d8		54.8		ug/L	50.0	110%	78 - 121			6075682	NPG2866-01	08/01/06 23:28
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126			6075682	NPG2866-01	08/01/06 23:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2765
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/21/06 08:00

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG2765

Cooler Received/Opened On: 7/21/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3604

Fed-EX

Temperature of representative sample or temperature blank when opened: 1.6 **Degrees Celsius**

(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... ✓

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

Cooler Receipt Form

1 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: yes - New York State

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

Analyze For: NPG2765, 08/04/06 23:59

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	VOCs 8260		QC Deliverables	REMARKS
QATB01	7-18	0940	G		GW		X						3	NPG 27 65-1	None	trip blank
QAFB01		0950					X						3	2	Level 2 (Batch QC)	
QARB01		0955					X						3	3	Level 3	
TW-04		1055					X						3	4	Level 4	
TW-17		1135					X						3	5	Other: _____	
TW-20		1420					X						3	6		
TW-07		1505					X						3	7		
TW-09		1610					X						3	8		
OB-09		1700					X						3	9		
BR-08	7-19	0920					X						3	10		

Special Instructions: Quote # & PO # to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: 7.21.06	Date: 8:00	Time: 1.6°C

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - New York State

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: Joe Deatherage

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Joe Deatherage

Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments

Project #: 303105 2006.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260										QC Deliverables: ___ None ___ Level 2 (Batch QC) ___ Level 3 ___ Level 4 Other: _____	REMARKS
OB-07	7-19	1055	G		GW		X						3			2765								
OB-07 (MS)		1100					X						3				11							matrix spike
OB-07 (MSD)		1105					X						3											matrix spike
W-5		1400					X						3				12							
W-5 (DUP)		1405					X						3				13							
BR-01		1505					X						3				14							
BR-03		1635					X						3				15							
BR-07		1720					X						3				16							
BR-07 (DUP)		1725					X						3				17							
BR-02		1815					X						3				18							

Special Instructions: Quote # & PO # to be provided on 7/24/06

Relinquished By: Joe Deatherage	7-20-06	1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: 7-21-06	8:00 Date:	1.6°C Time:

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

Custody Seals: Y N N/A

Bottles Supplied by Test America: Y N

Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

January 09, 2007 4:13:36PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Rick Ryan

Work Order: NPG2719
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 07/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
QATB02	NPG2719-01	07/19/06 18:35
BR-04	NPG2719-02	07/20/06 08:05
BR-05	NPG2719-03	07/20/06 08:45
QARB02	NPG2719-04	07/20/06 09:15
QAFB02	NPG2719-05	07/20/06 09:20
BR-09	NPG2719-06	07/20/06 09:40
BR-10	NPG2719-07	07/20/06 10:50
BR-11	NPG2719-08	07/20/06 11:30
BR-15	NPG2719-09	07/20/06 14:20
BR-17	NPG2719-10	07/20/06 15:25
OB-04	NPG2719-11	07/20/06 16:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
Revised 9 January 07: Corrected sample ID for NPG2719-03 - sample was not used for MS/MSD.
New York Certification Number: 11342

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-01 (QATB02 - Ground Water) Sampled: 07/19/06 18:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 05:33	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 05:33	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Chloroform	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1-Dichloroethene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 05:33	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-01 (QATB02 - Ground Water) - cont. Sampled: 07/19/06 18:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 05:33	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 05:33	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 05:33	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Trichloroethene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 05:33	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 05:33	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*07/30/06 05:33*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*07/30/06 05:33*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*102 %*					*07/30/06 05:33*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*07/30/06 05:33*	*SW846 8260B*	*6080124*
Sample ID: NPG2719-02 (BR-04 - Ground Water) Sampled: 07/20/06 08:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 08:13	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 08:13	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-02 (BR-04 - Ground Water) - cont. Sampled: 07/20/06 08:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
cis-1,2-Dichloroethene	**6410**		ug/L	200	200	07/31/06 16:16	SW846 8260B	6080139
1,1-Dichloroethene	**21.3**		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
trans-1,2-Dichloroethene	**147**		ug/L	20.0	20	07/31/06 15:50	SW846 8260B	6080139
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 08:13	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 08:13	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 08:13	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 08:13	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Trichloroethene	**3940**		ug/L	20.0	20	07/31/06 15:50	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-02 (BR-04 - Ground Water) - cont. Sampled: 07/20/06 08:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Vinyl chloride	**12.9**		ug/L	1.00	1	07/30/06 08:13	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 08:13	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/30/06 08:13*	*SW846 8260B*	*6080124*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/31/06 15:50*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*07/30/06 08:13*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 15:50*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*90 %*					*07/30/06 08:13*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*106 %*					*07/31/06 15:50*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*07/30/06 08:13*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*103 %*					*07/31/06 15:50*	*SW846 8260B*	*6080139*
Sample ID: NPG2719-03 (BR-05 - Ground Water) Sampled: 07/20/06 08:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 14:56	SW846 8260B	6080139
Benzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Bromobenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Bromoform	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Bromomethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
2-Butanone	ND		ug/L	50.0	1	07/31/06 14:56	SW846 8260B	6080139
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Chloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Chloroform	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Chloromethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Dibromomethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-03 (BR-05 - Ground Water) - cont. Sampled: 07/20/06 08:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
cis-1,2-Dichloroethene	**95.5**		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
trans-1,2-Dichloroethene	**5.52**		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
2-Hexanone	ND		ug/L	50.0	1	07/31/06 14:56	SW846 8260B	6080139
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 14:56	SW846 8260B	6080139
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 14:56	SW846 8260B	6080139
Naphthalene	ND		ug/L	5.00	1	07/31/06 14:56	SW846 8260B	6080139
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Styrene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Toluene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Trichloroethene	**14.4**		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Vinyl chloride	**6.68**		ug/L	1.00	1	07/31/06 14:56	SW846 8260B	6080139
Xylenes, total	ND		ug/L	3.00	1	07/31/06 14:56	SW846 8260B	6080139
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/31/06 14:56*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*07/31/06 14:56*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*105 %*					*07/31/06 14:56*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/31/06 14:56*	*SW846 8260B*	*6080139*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Rick Ryan

Work Order: NPG2719
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-04 (QARB02 - Ground Water) Sampled: 07/20/06 09:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 15:23	SW846 8260B	6080139
Benzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Bromobenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Bromodichloromethane	**3.49**		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Bromoform	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Bromomethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
2-Butanone	ND		ug/L	50.0	1	07/31/06 15:23	SW846 8260B	6080139
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Chloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Chloroform	**11.8**		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Chloromethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Dibromomethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1-Dichloroethene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
2-Hexanone	ND		ug/L	50.0	1	07/31/06 15:23	SW846 8260B	6080139
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-04 (QARB02 - Ground Water) - cont. Sampled: 07/20/06 09:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 15:23	SW846 8260B	6080139
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 15:23	SW846 8260B	6080139
Naphthalene	ND		ug/L	5.00	1	07/31/06 15:23	SW846 8260B	6080139
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Styrene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Toluene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Trichloroethene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Vinyl chloride	ND		ug/L	1.00	1	07/31/06 15:23	SW846 8260B	6080139
Xylenes, total	ND		ug/L	3.00	1	07/31/06 15:23	SW846 8260B	6080139
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/31/06 15:23*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 15:23*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*104 %*					*07/31/06 15:23*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*07/31/06 15:23*	*SW846 8260B*	*6080139*
Sample ID: NPG2719-05 (QAFB02 - Ground Water) Sampled: 07/20/06 09:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 09:33	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Bromodichloromethane	**3.68**		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 09:33	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Chlorodibromomethane	**3.47**		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-05 (QAFB02 - Ground Water) - cont. Sampled: 07/20/06 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	**12.5**		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1-Dichloroethene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 09:33	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 09:33	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 09:33	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 09:33	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Trichloroethene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-05 (QAFB02 - Ground Water) - cont. Sampled: 07/20/06 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 09:33	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 09:33	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/30/06 09:33*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/30/06 09:33*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*103 %*					*07/30/06 09:33*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*105 %*					*07/30/06 09:33*	*SW846 8260B*	*6080124*
Sample ID: NPG2719-06 (BR-09 - Ground Water) Sampled: 07/20/06 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 10:00	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 10:00	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Chloroform	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
cis-1,2-Dichloroethene	**3.70**		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1-Dichloroethene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-06 (BR-09 - Ground Water) - cont. Sampled: 07/20/06 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 10:00	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 10:00	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 10:00	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 10:00	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Trichloroethene	**11.0**		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 10:00	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 10:00	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*07/30/06 10:00*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*07/30/06 10:00*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*96 %*					*07/30/06 10:00*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/30/06 10:00*	*SW846 8260B*	*6080124*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-07 (BR-10 - Ground Water) Sampled: 07/20/06 10:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 10:26	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 10:26	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Chloroform	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
cis-1,2-Dichloroethene	**12.2**		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1-Dichloroethene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
trans-1,2-Dichloroethene	**1.53**		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 10:26	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-07 (BR-10 - Ground Water) - cont. Sampled: 07/20/06 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 10:26	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 10:26	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 10:26	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Trichloroethene	**52.3**		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 10:26	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 10:26	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*07/30/06 10:26*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*07/30/06 10:26*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*90 %*					*07/30/06 10:26*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*101 %*					*07/30/06 10:26*	*SW846 8260B*	*6080124*
Sample ID: NPG2719-08 (BR-11 - Ground Water) Sampled: 07/20/06 11:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 10:53	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 10:53	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-08 (BR-11 - Ground Water) - cont. Sampled: 07/20/06 11:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
cis-1,2-Dichloroethene	**255**		ug/L	10.0	10	07/31/06 16:43	SW846 8260B	6080139
1,1-Dichloroethene	**1.28**		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
trans-1,2-Dichloroethene	**47.2**		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 10:53	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 10:53	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 10:53	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 10:53	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Trichloroethene	**16.7**		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-08 (BR-11 - Ground Water) - cont. Sampled: 07/20/06 11:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Vinyl chloride	**7.43**		ug/L	1.00	1	07/30/06 10:53	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 10:53	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*07/30/06 10:53*	*SW846 8260B*	*6080124*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*07/31/06 16:43*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*07/30/06 10:53*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 16:43*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*98 %*					*07/30/06 10:53*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*105 %*					*07/31/06 16:43*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*101 %*					*07/30/06 10:53*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/31/06 16:43*	*SW846 8260B*	*6080139*
Sample ID: NPG2719-09 (BR-15 - Ground Water) Sampled: 07/20/06 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 11:20	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 11:20	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Chloroform	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-09 (BR-15 - Ground Water) - cont. Sampled: 07/20/06 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
cis-1,2-Dichloroethene	**336**		ug/L	10.0	10	07/31/06 17:10	SW846 8260B	6080139
1,1-Dichloroethene	**1.78**		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
trans-1,2-Dichloroethene	**13.0**		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 11:20	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 11:20	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 11:20	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 11:20	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Trichloroethene	**1200**		ug/L	10.0	10	07/31/06 17:10	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 11:20	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 11:20	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*07/30/06 11:20*	*SW846 8260B*	*6080124*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*111 %*					*07/31/06 17:10*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*07/30/06 11:20*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 17:10*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*102 %*					*07/30/06 11:20*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*104 %*					*07/31/06 17:10*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*101 %*					*07/30/06 11:20*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*07/31/06 17:10*	*SW846 8260B*	*6080139*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-10 (BR-17 - Ground Water) Sampled: 07/20/06 15:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/31/06 18:04	SW846 8260B	6080139
Benzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Bromobenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Bromochloromethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Bromodichloromethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Bromoform	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Bromomethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
2-Butanone	ND		ug/L	50.0	1	07/31/06 18:04	SW846 8260B	6080139
sec-Butylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
n-Butylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
tert-Butylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Carbon disulfide	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Carbon Tetrachloride	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Chlorobenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Chlorodibromomethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Chloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Chloroform	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Chloromethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
2-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
4-Chlorotoluene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Dibromomethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Dichlorodifluoromethane	**1.12**		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1-Dichloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2-Dichloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
cis-1,2-Dichloroethene	**270**		ug/L	10.0	10	07/31/06 18:30	SW846 8260B	6080139
1,1-Dichloroethene	**1.50**		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
trans-1,2-Dichloroethene	**56.8**		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,3-Dichloropropane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
2,2-Dichloropropane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1-Dichloropropene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Ethylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Hexachlorobutadiene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
2-Hexanone	ND		ug/L	50.0	1	07/31/06 18:04	SW846 8260B	6080139
Isopropylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
p-Isopropyltoluene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-10 (BR-17 - Ground Water) - cont. Sampled: 07/20/06 15:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Methylene Chloride	ND		ug/L	5.00	1	07/31/06 18:04	SW846 8260B	6080139
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/31/06 18:04	SW846 8260B	6080139
Naphthalene	ND		ug/L	5.00	1	07/31/06 18:04	SW846 8260B	6080139
n-Propylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Styrene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Tetrachloroethene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Toluene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Trichloroethene	**9.38**		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Vinyl chloride	**2.75**		ug/L	1.00	1	07/31/06 18:04	SW846 8260B	6080139
Xylenes, total	ND		ug/L	3.00	1	07/31/06 18:04	SW846 8260B	6080139
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*07/31/06 18:04*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 18:04*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*94 %*					*07/31/06 18:04*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*101 %*					*07/31/06 18:04*	*SW846 8260B*	*6080139*
Sample ID: NPG2719-11 (OB-04 - Ground Water) Sampled: 07/20/06 16:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	07/30/06 12:14	SW846 8260B	6080124
Benzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Bromobenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Bromochloromethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Bromodichloromethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Bromoform	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Bromomethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
2-Butanone	ND		ug/L	50.0	1	07/30/06 12:14	SW846 8260B	6080124
sec-Butylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
n-Butylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
tert-Butylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Carbon disulfide	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Carbon Tetrachloride	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Chlorobenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Chlorodibromomethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Chloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-11 (OB-04 - Ground Water) - cont. Sampled: 07/20/06 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Chloromethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
2-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
4-Chlorotoluene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Dibromomethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,4-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,3-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2-Dichlorobenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Dichlorodifluoromethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1-Dichloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2-Dichloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
cis-1,2-Dichloroethene	**153**		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1-Dichloroethene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
trans-1,2-Dichloroethene	**1.56**		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,3-Dichloropropane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
2,2-Dichloropropane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1-Dichloropropene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Ethylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Hexachlorobutadiene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
2-Hexanone	ND		ug/L	50.0	1	07/30/06 12:14	SW846 8260B	6080124
Isopropylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
p-Isopropyltoluene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Methylene Chloride	ND		ug/L	5.00	1	07/30/06 12:14	SW846 8260B	6080124
4-Methyl-2-pentanone	ND		ug/L	50.0	1	07/30/06 12:14	SW846 8260B	6080124
Naphthalene	ND		ug/L	5.00	1	07/30/06 12:14	SW846 8260B	6080124
n-Propylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Styrene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Tetrachloroethene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Toluene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1,2-Trichloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,1,1-Trichloroethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Trichloroethene	**252**		ug/L	10.0	10	07/31/06 18:57	SW846 8260B	6080139
Trichlorofluoromethane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2719-11 (OB-04 - Ground Water) - cont. Sampled: 07/20/06 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Vinyl chloride	ND		ug/L	1.00	1	07/30/06 12:14	SW846 8260B	6080124
Xylenes, total	ND		ug/L	3.00	1	07/30/06 12:14	SW846 8260B	6080124
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*07/30/06 12:14*	*SW846 8260B*	*6080124*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*111 %*					*07/31/06 18:57*	*SW846 8260B*	*6080139*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*07/30/06 12:14*	*SW846 8260B*	*6080124*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*07/31/06 18:57*	*SW846 8260B*	*6080139*
Surr: Toluene-d8 (78-121%)	*102 %*					*07/30/06 12:14*	*SW846 8260B*	*6080124*
Surr: Toluene-d8 (78-121%)	*102 %*					*07/31/06 18:57*	*SW846 8260B*	*6080139*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/30/06 12:14*	*SW846 8260B*	*6080124*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*07/31/06 18:57*	*SW846 8260B*	*6080139*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080124-BLK1						
Acetone	<5.91		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Benzene	<0.290		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Bromobenzene	<0.470		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Bromochloromethane	<0.420		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Bromodichloromethane	<0.380		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Bromoform	<0.500		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Bromomethane	<0.600		ug/L	6080124	6080124-BLK1	07/30/06 05:06
2-Butanone	<5.09		ug/L	6080124	6080124-BLK1	07/30/06 05:06
sec-Butylbenzene	<0.380		ug/L	6080124	6080124-BLK1	07/30/06 05:06
n-Butylbenzene	<0.460		ug/L	6080124	6080124-BLK1	07/30/06 05:06
tert-Butylbenzene	<0.390		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Carbon disulfide	<0.310		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Carbon Tetrachloride	<0.480		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Chlorobenzene	<0.320		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Chlorodibromomethane	<0.360		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Chloroethane	<0.500		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Chloroform	<0.380		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Chloromethane	<0.460		ug/L	6080124	6080124-BLK1	07/30/06 05:06
2-Chlorotoluene	<0.270		ug/L	6080124	6080124-BLK1	07/30/06 05:06
4-Chlorotoluene	<0.370		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2-Dibromoethane (EDB)	<0.380		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Dibromomethane	<0.570		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,4-Dichlorobenzene	<0.460		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,3-Dichlorobenzene	<0.360		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2-Dichlorobenzene	<0.370		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Dichlorodifluoromethane	<0.410		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1-Dichloroethane	<0.320		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2-Dichloroethane	<0.280		ug/L	6080124	6080124-BLK1	07/30/06 05:06
cis-1,2-Dichloroethene	<0.390		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1-Dichloroethene	<0.450		ug/L	6080124	6080124-BLK1	07/30/06 05:06
trans-1,2-Dichloroethene	<0.340		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,3-Dichloropropane	<0.630		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2-Dichloropropane	<0.500		ug/L	6080124	6080124-BLK1	07/30/06 05:06
2,2-Dichloropropane	<0.660		ug/L	6080124	6080124-BLK1	07/30/06 05:06
cis-1,3-Dichloropropene	<0.450		ug/L	6080124	6080124-BLK1	07/30/06 05:06
trans-1,3-Dichloropropene	<0.490		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1-Dichloropropene	<0.510		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Ethylbenzene	<0.340		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Hexachlorobutadiene	<0.670		ug/L	6080124	6080124-BLK1	07/30/06 05:06
2-Hexanone	<2.53		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Isopropylbenzene	<0.340		ug/L	6080124	6080124-BLK1	07/30/06 05:06

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080124-BLK1						
p-Isopropyltoluene	<0.340		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Methyl tert-Butyl Ether	<0.320		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Methylene Chloride	2.99		ug/L	6080124	6080124-BLK1	07/30/06 05:06
4-Methyl-2-pentanone	<4.25		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Naphthalene	<1.13		ug/L	6080124	6080124-BLK1	07/30/06 05:06
n-Propylbenzene	<0.370		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Styrene	<0.390		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Tetrachloroethene	<0.390		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Toluene	<0.280		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2,3-Trichlorobenzene	<0.560		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2,4-Trichlorobenzene	<0.790		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1,2-Trichloroethane	<0.420		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,1,1-Trichloroethane	<0.400		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Trichloroethene	<0.450		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Trichlorofluoromethane	<0.480		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2,3-Trichloropropane	<0.560		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,3,5-Trimethylbenzene	<0.280		ug/L	6080124	6080124-BLK1	07/30/06 05:06
1,2,4-Trimethylbenzene	<0.340		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Vinyl chloride	<0.430		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Xylenes, total	<0.820		ug/L	6080124	6080124-BLK1	07/30/06 05:06
Surrogate: 1,2-Dichloroethane-d4	106%			6080124	6080124-BLK1	07/30/06 05:06
Surrogate: Dibromofluoromethane	105%			6080124	6080124-BLK1	07/30/06 05:06
Surrogate: Toluene-d8	104%			6080124	6080124-BLK1	07/30/06 05:06
Surrogate: 4-Bromofluorobenzene	101%			6080124	6080124-BLK1	07/30/06 05:06
6080139-BLK1						
Acetone	<5.91		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Benzene	<0.290		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Bromobenzene	<0.470		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Bromochloromethane	<0.420		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Bromodichloromethane	<0.380		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Bromoform	<0.500		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Bromomethane	<0.600		ug/L	6080139	6080139-BLK1	07/31/06 11:14
2-Butanone	<5.09		ug/L	6080139	6080139-BLK1	07/31/06 11:14
sec-Butylbenzene	<0.380		ug/L	6080139	6080139-BLK1	07/31/06 11:14
n-Butylbenzene	<0.460		ug/L	6080139	6080139-BLK1	07/31/06 11:14
tert-Butylbenzene	<0.390		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Carbon disulfide	<0.310		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Carbon Tetrachloride	<0.480		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Chlorobenzene	<0.320		ug/L	6080139	6080139-BLK1	07/31/06 11:14

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080139-BLK1						
Chlorodibromomethane	<0.360		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Chloroethane	<0.500		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Chloroform	<0.380		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Chloromethane	<0.460		ug/L	6080139	6080139-BLK1	07/31/06 11:14
2-Chlorotoluene	<0.270		ug/L	6080139	6080139-BLK1	07/31/06 11:14
4-Chlorotoluene	<0.370		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2-Dibromoethane (EDB)	<0.380		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Dibromomethane	<0.570		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,4-Dichlorobenzene	<0.460		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,3-Dichlorobenzene	<0.360		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2-Dichlorobenzene	<0.370		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Dichlorodifluoromethane	<0.410		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1-Dichloroethane	<0.320		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2-Dichloroethane	<0.280		ug/L	6080139	6080139-BLK1	07/31/06 11:14
cis-1,2-Dichloroethene	<0.390		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1-Dichloroethene	<0.450		ug/L	6080139	6080139-BLK1	07/31/06 11:14
trans-1,2-Dichloroethene	<0.340		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,3-Dichloropropane	<0.630		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2-Dichloropropane	<0.500		ug/L	6080139	6080139-BLK1	07/31/06 11:14
2,2-Dichloropropane	<0.660		ug/L	6080139	6080139-BLK1	07/31/06 11:14
cis-1,3-Dichloropropene	<0.450		ug/L	6080139	6080139-BLK1	07/31/06 11:14
trans-1,3-Dichloropropene	<0.490		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1-Dichloropropene	<0.510		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Ethylbenzene	<0.340		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Hexachlorobutadiene	<0.670		ug/L	6080139	6080139-BLK1	07/31/06 11:14
2-Hexanone	<2.53		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Isopropylbenzene	<0.340		ug/L	6080139	6080139-BLK1	07/31/06 11:14
p-Isopropyltoluene	<0.340		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Methyl tert-Butyl Ether	<0.320		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Methylene Chloride	2.99		ug/L	6080139	6080139-BLK1	07/31/06 11:14
4-Methyl-2-pentanone	<4.25		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Naphthalene	<1.13		ug/L	6080139	6080139-BLK1	07/31/06 11:14
n-Propylbenzene	<0.370		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Styrene	<0.390		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Tetrachloroethene	<0.390		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Toluene	<0.280		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2,3-Trichlorobenzene	<0.560		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2,4-Trichlorobenzene	<0.790		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,1,2-Trichloroethane	<0.420		ug/L	6080139	6080139-BLK1	07/31/06 11:14

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080139-BLK1						
1,1,1-Trichloroethane	<0.400		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Trichloroethene	<0.450		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Trichlorofluoromethane	<0.480		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2,3-Trichloropropane	<0.560		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,3,5-Trimethylbenzene	<0.280		ug/L	6080139	6080139-BLK1	07/31/06 11:14
1,2,4-Trimethylbenzene	<0.340		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Vinyl chloride	<0.430		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Xylenes, total	<0.820		ug/L	6080139	6080139-BLK1	07/31/06 11:14
Surrogate: 1,2-Dichloroethane-d4	108%			6080139	6080139-BLK1	07/31/06 11:14
Surrogate: Dibromofluoromethane	103%			6080139	6080139-BLK1	07/31/06 11:14
Surrogate: Toluene-d8	104%			6080139	6080139-BLK1	07/31/06 11:14
Surrogate: 4-Bromofluorobenzene	101%			6080139	6080139-BLK1	07/31/06 11:14

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080124-BS1								
Acetone	250	259		ug/L	104%	28 - 157	6080124	07/30/06 03:45
Benzene	50.0	51.9		ug/L	104%	78 - 122	6080124	07/30/06 03:45
Bromobenzene	50.0	58.9		ug/L	118%	77 - 122	6080124	07/30/06 03:45
Bromochloromethane	50.0	53.8		ug/L	108%	74 - 130	6080124	07/30/06 03:45
Bromodichloromethane	50.0	49.2		ug/L	98%	71 - 134	6080124	07/30/06 03:45
Bromoform	50.0	41.5		ug/L	83%	44 - 140	6080124	07/30/06 03:45
Bromomethane	50.0	49.8		ug/L	100%	49 - 157	6080124	07/30/06 03:45
2-Butanone	250	238		ug/L	95%	54 - 151	6080124	07/30/06 03:45
sec-Butylbenzene	50.0	55.3		ug/L	111%	75 - 131	6080124	07/30/06 03:45
n-Butylbenzene	50.0	54.9		ug/L	110%	69 - 137	6080124	07/30/06 03:45
tert-Butylbenzene	50.0	54.1		ug/L	108%	74 - 129	6080124	07/30/06 03:45
Carbon disulfide	50.0	51.8		ug/L	104%	64 - 139	6080124	07/30/06 03:45
Carbon Tetrachloride	50.0	52.6		ug/L	105%	63 - 140	6080124	07/30/06 03:45
Chlorobenzene	50.0	53.5		ug/L	107%	83 - 118	6080124	07/30/06 03:45
Chlorodibromomethane	50.0	45.8		ug/L	92%	69 - 128	6080124	07/30/06 03:45
Chloroethane	50.0	48.6		ug/L	97%	57 - 142	6080124	07/30/06 03:45
Chloroform	50.0	53.1		ug/L	106%	72 - 128	6080124	07/30/06 03:45
Chloromethane	50.0	39.6		ug/L	79%	37 - 158	6080124	07/30/06 03:45
2-Chlorotoluene	50.0	52.5		ug/L	105%	74 - 131	6080124	07/30/06 03:45
4-Chlorotoluene	50.0	53.3		ug/L	107%	77 - 128	6080124	07/30/06 03:45
1,2-Dibromo-3-chloropropane	50.0	34.4		ug/L	69%	54 - 130	6080124	07/30/06 03:45
1,2-Dibromoethane (EDB)	50.0	52.6		ug/L	105%	76 - 128	6080124	07/30/06 03:45
Dibromomethane	50.0	50.1		ug/L	100%	74 - 129	6080124	07/30/06 03:45
1,4-Dichlorobenzene	50.0	54.2		ug/L	108%	80 - 119	6080124	07/30/06 03:45
1,3-Dichlorobenzene	50.0	53.8		ug/L	108%	81 - 124	6080124	07/30/06 03:45
1,2-Dichlorobenzene	50.0	55.4		ug/L	111%	82 - 123	6080124	07/30/06 03:45
Dichlorodifluoromethane	50.0	29.2		ug/L	58%	30 - 161	6080124	07/30/06 03:45
1,1-Dichloroethane	50.0	53.4		ug/L	107%	72 - 130	6080124	07/30/06 03:45
1,2-Dichloroethane	50.0	53.4		ug/L	107%	65 - 137	6080124	07/30/06 03:45
cis-1,2-Dichloroethene	50.0	51.3		ug/L	103%	71 - 131	6080124	07/30/06 03:45
1,1-Dichloroethene	50.0	50.8		ug/L	102%	68 - 133	6080124	07/30/06 03:45
trans-1,2-Dichloroethene	50.0	55.8		ug/L	112%	70 - 132	6080124	07/30/06 03:45
1,3-Dichloropropane	50.0	53.4		ug/L	107%	81 - 121	6080124	07/30/06 03:45
1,2-Dichloropropane	50.0	47.8		ug/L	96%	76 - 128	6080124	07/30/06 03:45
2,2-Dichloropropane	50.0	37.9		ug/L	76%	35 - 159	6080124	07/30/06 03:45
cis-1,3-Dichloropropene	50.0	48.3		ug/L	97%	61 - 138	6080124	07/30/06 03:45
trans-1,3-Dichloropropene	50.0	40.6		ug/L	81%	57 - 130	6080124	07/30/06 03:45
1,1-Dichloropropene	50.0	51.8		ug/L	104%	76 - 127	6080124	07/30/06 03:45
Ethylbenzene	50.0	51.4		ug/L	103%	82 - 122	6080124	07/30/06 03:45
Hexachlorobutadiene	50.0	54.6		ug/L	109%	66 - 137	6080124	07/30/06 03:45
2-Hexanone	250	238		ug/L	95%	63 - 138	6080124	07/30/06 03:45

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
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Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080124-BS1								
Isopropylbenzene	50.0	48.8		ug/L	98%	75 - 130	6080124	07/30/06 03:45
p-Isopropyltoluene	50.0	54.2		ug/L	108%	76 - 133	6080124	07/30/06 03:45
Methyl tert-Butyl Ether	50.0	41.1		ug/L	82%	65 - 144	6080124	07/30/06 03:45
Methylene Chloride	50.0	53.0		ug/L	106%	74 - 133	6080124	07/30/06 03:45
4-Methyl-2-pentanone	250	252		ug/L	101%	74 - 132	6080124	07/30/06 03:45
Naphthalene	50.0	41.5		ug/L	83%	64 - 144	6080124	07/30/06 03:45
n-Propylbenzene	50.0	52.4		ug/L	105%	76 - 129	6080124	07/30/06 03:45
Styrene	50.0	56.9		ug/L	114%	76 - 130	6080124	07/30/06 03:45
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L	112%	77 - 128	6080124	07/30/06 03:45
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/L	104%	70 - 129	6080124	07/30/06 03:45
Tetrachloroethene	50.0	53.8		ug/L	108%	77 - 124	6080124	07/30/06 03:45
Toluene	50.0	52.8		ug/L	106%	80 - 120	6080124	07/30/06 03:45
1,2,3-Trichlorobenzene	50.0	45.4		ug/L	91%	69 - 140	6080124	07/30/06 03:45
1,2,4-Trichlorobenzene	50.0	45.2		ug/L	90%	68 - 135	6080124	07/30/06 03:45
1,1,2-Trichloroethane	50.0	56.4		ug/L	113%	83 - 120	6080124	07/30/06 03:45
1,1,1-Trichloroethane	50.0	50.6		ug/L	101%	68 - 135	6080124	07/30/06 03:45
Trichloroethene	50.0	49.7		ug/L	99%	72 - 135	6080124	07/30/06 03:45
Trichlorofluoromethane	50.0	48.4		ug/L	97%	57 - 142	6080124	07/30/06 03:45
1,2,3-Trichloropropane	50.0	47.4		ug/L	95%	68 - 129	6080124	07/30/06 03:45
1,3,5-Trimethylbenzene	50.0	54.2		ug/L	108%	78 - 129	6080124	07/30/06 03:45
1,2,4-Trimethylbenzene	50.0	53.4		ug/L	107%	78 - 126	6080124	07/30/06 03:45
Vinyl chloride	50.0	46.1		ug/L	92%	52 - 143	6080124	07/30/06 03:45
Xylenes, total	150	162		ug/L	108%	81 - 125	6080124	07/30/06 03:45
Surrogate: 1,2-Dichloroethane-d4	50.0	51.6			103%	70 - 130	6080124	07/30/06 03:45
Surrogate: Dibromofluoromethane	50.0	50.6			101%	79 - 122	6080124	07/30/06 03:45
Surrogate: Toluene-d8	50.0	51.2			102%	78 - 121	6080124	07/30/06 03:45
Surrogate: 4-Bromofluorobenzene	50.0	46.0			92%	78 - 126	6080124	07/30/06 03:45
6080139-BS1								
Acetone	250	283	MNR1	ug/L	113%	28 - 157	6080139	07/31/06 09:54
Benzene	50.0	48.0	MNR1	ug/L	96%	78 - 122	6080139	07/31/06 09:54
Bromobenzene	50.0	59.8	MNR1	ug/L	120%	77 - 122	6080139	07/31/06 09:54
Bromochloromethane	50.0	51.6	MNR1	ug/L	103%	74 - 130	6080139	07/31/06 09:54
Bromodichloromethane	50.0	46.4	MNR1	ug/L	93%	71 - 134	6080139	07/31/06 09:54
Bromoform	50.0	42.5	MNR1	ug/L	85%	44 - 140	6080139	07/31/06 09:54
Bromomethane	50.0	43.6	MNR1	ug/L	87%	49 - 157	6080139	07/31/06 09:54
2-Butanone	250	245	MNR1	ug/L	98%	54 - 151	6080139	07/31/06 09:54
sec-Butylbenzene	50.0	55.3	MNR1	ug/L	111%	75 - 131	6080139	07/31/06 09:54
n-Butylbenzene	50.0	57.0	MNR1	ug/L	114%	69 - 137	6080139	07/31/06 09:54
tert-Butylbenzene	50.0	53.8	MNR1	ug/L	108%	74 - 129	6080139	07/31/06 09:54
Carbon disulfide	50.0	49.1	MNR1	ug/L	98%	64 - 139	6080139	07/31/06 09:54
Carbon Tetrachloride	50.0	48.8	MNR1	ug/L	98%	63 - 140	6080139	07/31/06 09:54

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080139-BS1								
Chlorobenzene	50.0	50.9	MNR1	ug/L	102%	83 - 118	6080139	07/31/06 09:54
Chlorodibromomethane	50.0	46.3	MNR1	ug/L	93%	69 - 128	6080139	07/31/06 09:54
Chloroethane	50.0	43.9	MNR1	ug/L	88%	57 - 142	6080139	07/31/06 09:54
Chloroform	50.0	48.3	MNR1	ug/L	97%	72 - 128	6080139	07/31/06 09:54
Chloromethane	50.0	35.6	MNR1	ug/L	71%	37 - 158	6080139	07/31/06 09:54
2-Chlorotoluene	50.0	51.8	MNR1	ug/L	104%	74 - 131	6080139	07/31/06 09:54
4-Chlorotoluene	50.0	52.2	MNR1	ug/L	104%	77 - 128	6080139	07/31/06 09:54
1,2-Dibromo-3-chloropropane	50.0	39.1	MNR1	ug/L	78%	54 - 130	6080139	07/31/06 09:54
1,2-Dibromoethane (EDB)	50.0	51.4	MNR1	ug/L	103%	76 - 128	6080139	07/31/06 09:54
Dibromomethane	50.0	46.2	MNR1	ug/L	92%	74 - 129	6080139	07/31/06 09:54
1,4-Dichlorobenzene	50.0	52.5	MNR1	ug/L	105%	80 - 119	6080139	07/31/06 09:54
1,3-Dichlorobenzene	50.0	52.7	MNR1	ug/L	105%	81 - 124	6080139	07/31/06 09:54
1,2-Dichlorobenzene	50.0	54.0	MNR1	ug/L	108%	82 - 123	6080139	07/31/06 09:54
Dichlorodifluoromethane	50.0	29.4	MNR1	ug/L	59%	30 - 161	6080139	07/31/06 09:54
1,1-Dichloroethane	50.0	50.3	MNR1	ug/L	101%	72 - 130	6080139	07/31/06 09:54
1,2-Dichloroethane	50.0	49.3	MNR1	ug/L	99%	65 - 137	6080139	07/31/06 09:54
cis-1,2-Dichloroethene	50.0	48.4	MNR1	ug/L	97%	71 - 131	6080139	07/31/06 09:54
1,1-Dichloroethene	50.0	48.3	MNR1	ug/L	97%	68 - 133	6080139	07/31/06 09:54
trans-1,2-Dichloroethene	50.0	52.7	MNR1	ug/L	105%	70 - 132	6080139	07/31/06 09:54
1,3-Dichloropropane	50.0	51.6	MNR1	ug/L	103%	81 - 121	6080139	07/31/06 09:54
1,2-Dichloropropane	50.0	44.5	MNR1	ug/L	89%	76 - 128	6080139	07/31/06 09:54
2,2-Dichloropropane	50.0	44.6	MNR1	ug/L	89%	35 - 159	6080139	07/31/06 09:54
cis-1,3-Dichloropropene	50.0	50.8	MNR1	ug/L	102%	61 - 138	6080139	07/31/06 09:54
trans-1,3-Dichloropropene	50.0	42.2	MNR1	ug/L	84%	57 - 130	6080139	07/31/06 09:54
1,1-Dichloropropene	50.0	49.0	MNR1	ug/L	98%	76 - 127	6080139	07/31/06 09:54
Ethylbenzene	50.0	49.6	MNR1	ug/L	99%	82 - 122	6080139	07/31/06 09:54
Hexachlorobutadiene	50.0	57.5	MNR1	ug/L	115%	66 - 137	6080139	07/31/06 09:54
2-Hexanone	250	247	MNR1	ug/L	99%	63 - 138	6080139	07/31/06 09:54
Isopropylbenzene	50.0	48.1	MNR1	ug/L	96%	75 - 130	6080139	07/31/06 09:54
p-Isopropyltoluene	50.0	54.6	MNR1	ug/L	109%	76 - 133	6080139	07/31/06 09:54
Methyl tert-Butyl Ether	50.0	43.7	MNR1	ug/L	87%	65 - 144	6080139	07/31/06 09:54
Methylene Chloride	50.0	49.3	MNR1	ug/L	99%	74 - 133	6080139	07/31/06 09:54
4-Methyl-2-pentanone	250	254	MNR1	ug/L	102%	74 - 132	6080139	07/31/06 09:54
Naphthalene	50.0	48.7	MNR1	ug/L	97%	64 - 144	6080139	07/31/06 09:54
n-Propylbenzene	50.0	51.9	MNR1	ug/L	104%	76 - 129	6080139	07/31/06 09:54
Styrene	50.0	54.4	MNR1	ug/L	109%	76 - 130	6080139	07/31/06 09:54
1,1,1,2-Tetrachloroethane	50.0	54.0	MNR1	ug/L	108%	77 - 128	6080139	07/31/06 09:54
1,1,2,2-Tetrachloroethane	50.0	51.6	MNR1	ug/L	103%	70 - 129	6080139	07/31/06 09:54
Tetrachloroethene	50.0	52.9	MNR1	ug/L	106%	77 - 124	6080139	07/31/06 09:54
Toluene	50.0	51.4	MNR1	ug/L	103%	80 - 120	6080139	07/31/06 09:54
1,2,3-Trichlorobenzene	50.0	49.3	MNR1	ug/L	99%	69 - 140	6080139	07/31/06 09:54

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080139-BS1								
1,2,4-Trichlorobenzene	50.0	54.4	MNR1	ug/L	109%	68 - 135	6080139	07/31/06 09:54
1,1,2-Trichloroethane	50.0	54.2	MNR1	ug/L	108%	83 - 120	6080139	07/31/06 09:54
1,1,1-Trichloroethane	50.0	46.4	MNR1	ug/L	93%	68 - 135	6080139	07/31/06 09:54
Trichloroethene	50.0	46.4	MNR1	ug/L	93%	72 - 135	6080139	07/31/06 09:54
Trichlorofluoromethane	50.0	46.8	MNR1	ug/L	94%	57 - 142	6080139	07/31/06 09:54
1,2,3-Trichloropropane	50.0	51.0	MNR1	ug/L	102%	68 - 129	6080139	07/31/06 09:54
1,3,5-Trimethylbenzene	50.0	53.9	MNR1	ug/L	108%	78 - 129	6080139	07/31/06 09:54
1,2,4-Trimethylbenzene	50.0	53.6	MNR1	ug/L	107%	78 - 126	6080139	07/31/06 09:54
Vinyl chloride	50.0	43.0	MNR1	ug/L	86%	52 - 143	6080139	07/31/06 09:54
Xylenes, total	150	155	MNR1	ug/L	103%	81 - 125	6080139	07/31/06 09:54
Surrogate: 1,2-Dichloroethane-d4	50.0	49.4			99%	70 - 130	6080139	07/31/06 09:54
Surrogate: Dibromofluoromethane	50.0	51.0			102%	79 - 122	6080139	07/31/06 09:54
Surrogate: Toluene-d8	50.0	53.6			107%	78 - 121	6080139	07/31/06 09:54
Surrogate: 4-Bromofluorobenzene	50.0	48.1			96%	78 - 126	6080139	07/31/06 09:54

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6080124-MS1										
Acetone	ND	270		ug/L	250	108%	11 - 157	6080124	NPG2438-01	07/30/06 14:27
Benzene	ND	54.5		ug/L	50.0	109%	74 - 133	6080124	NPG2438-01	07/30/06 14:27
Bromobenzene	ND	53.0		ug/L	50.0	106%	71 - 129	6080124	NPG2438-01	07/30/06 14:27
Bromochloromethane	ND	54.8		ug/L	50.0	110%	73 - 134	6080124	NPG2438-01	07/30/06 14:27
Bromodichloromethane	ND	49.6		ug/L	50.0	99%	67 - 138	6080124	NPG2438-01	07/30/06 14:27
Bromoform	ND	37.8		ug/L	50.0	76%	37 - 140	6080124	NPG2438-01	07/30/06 14:27
Bromomethane	ND	46.4		ug/L	50.0	93%	29 - 171	6080124	NPG2438-01	07/30/06 14:27
2-Butanone	ND	258		ug/L	250	103%	50 - 151	6080124	NPG2438-01	07/30/06 14:27
sec-Butylbenzene	ND	58.4		ug/L	50.0	117%	68 - 139	6080124	NPG2438-01	07/30/06 14:27
n-Butylbenzene	ND	56.3		ug/L	50.0	113%	58 - 146	6080124	NPG2438-01	07/30/06 14:27
tert-Butylbenzene	ND	59.1		ug/L	50.0	118%	67 - 137	6080124	NPG2438-01	07/30/06 14:27
Carbon disulfide	ND	35.8		ug/L	50.0	72%	50 - 147	6080124	NPG2438-01	07/30/06 14:27
Carbon Tetrachloride	ND	49.3		ug/L	50.0	99%	56 - 147	6080124	NPG2438-01	07/30/06 14:27
Chlorobenzene	ND	56.4		ug/L	50.0	113%	79 - 124	6080124	NPG2438-01	07/30/06 14:27
Chlorodibromomethane	ND	44.0		ug/L	50.0	88%	62 - 130	6080124	NPG2438-01	07/30/06 14:27
Chloroethane	ND	48.0		ug/L	50.0	96%	47 - 160	6080124	NPG2438-01	07/30/06 14:27
Chloroform	ND	52.5		ug/L	50.0	105%	71 - 134	6080124	NPG2438-01	07/30/06 14:27
Chloromethane	ND	36.3		ug/L	50.0	73%	22 - 177	6080124	NPG2438-01	07/30/06 14:27
2-Chlorotoluene	ND	55.7		ug/L	50.0	111%	63 - 143	6080124	NPG2438-01	07/30/06 14:27
4-Chlorotoluene	ND	56.4		ug/L	50.0	113%	67 - 139	6080124	NPG2438-01	07/30/06 14:27
1,2-Dibromo-3-chloropropane	ND	40.8		ug/L	50.0	82%	47 - 133	6080124	NPG2438-01	07/30/06 14:27
1,2-Dibromoethane (EDB)	ND	55.6		ug/L	50.0	111%	72 - 133	6080124	NPG2438-01	07/30/06 14:27
Dibromomethane	ND	50.3		ug/L	50.0	101%	70 - 135	6080124	NPG2438-01	07/30/06 14:27
1,4-Dichlorobenzene	ND	55.9		ug/L	50.0	112%	72 - 126	6080124	NPG2438-01	07/30/06 14:27
1,3-Dichlorobenzene	ND	55.7		ug/L	50.0	111%	72 - 133	6080124	NPG2438-01	07/30/06 14:27
1,2-Dichlorobenzene	ND	56.3		ug/L	50.0	113%	73 - 131	6080124	NPG2438-01	07/30/06 14:27
Dichlorodifluoromethane	ND	16.8		ug/L	50.0	34%	11 - 182	6080124	NPG2438-01	07/30/06 14:27
1,1-Dichloroethane	ND	54.8		ug/L	50.0	110%	70 - 135	6080124	NPG2438-01	07/30/06 14:27
1,2-Dichloroethane	ND	51.9		ug/L	50.0	104%	62 - 140	6080124	NPG2438-01	07/30/06 14:27
cis-1,2-Dichloroethene	0.520	52.1		ug/L	50.0	103%	67 - 137	6080124	NPG2438-01	07/30/06 14:27
1,1-Dichloroethene	ND	54.7		ug/L	50.0	109%	67 - 139	6080124	NPG2438-01	07/30/06 14:27
trans-1,2-Dichloroethene	ND	57.5		ug/L	50.0	115%	66 - 138	6080124	NPG2438-01	07/30/06 14:27
1,3-Dichloropropane	ND	56.2		ug/L	50.0	112%	76 - 126	6080124	NPG2438-01	07/30/06 14:27
1,2-Dichloropropane	ND	49.8		ug/L	50.0	100%	75 - 131	6080124	NPG2438-01	07/30/06 14:27
2,2-Dichloropropane	ND	34.7		ug/L	50.0	69%	13 - 166	6080124	NPG2438-01	07/30/06 14:27
cis-1,3-Dichloropropene	ND	45.0		ug/L	50.0	90%	53 - 139	6080124	NPG2438-01	07/30/06 14:27
trans-1,3-Dichloropropene	ND	37.9		ug/L	50.0	76%	51 - 130	6080124	NPG2438-01	07/30/06 14:27

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6080124-MS1										
1,1-Dichloropropene	ND	51.5		ug/L	50.0	103%	73 - 134	6080124	NPG2438-01	07/30/06 14:27
Ethylbenzene	ND	56.3		ug/L	50.0	113%	74 - 134	6080124	NPG2438-01	07/30/06 14:27
Hexachlorobutadiene	ND	55.4		ug/L	50.0	111%	52 - 143	6080124	NPG2438-01	07/30/06 14:27
2-Hexanone	ND	268		ug/L	250	107%	58 - 138	6080124	NPG2438-01	07/30/06 14:27
Isopropylbenzene	ND	56.3		ug/L	50.0	113%	69 - 138	6080124	NPG2438-01	07/30/06 14:27
p-Isopropyltoluene	ND	57.7		ug/L	50.0	115%	66 - 141	6080124	NPG2438-01	07/30/06 14:27
Methyl tert-Butyl Ether	1.17	49.5		ug/L	50.0	97%	58 - 151	6080124	NPG2438-01	07/30/06 14:27
Methylene Chloride	ND	53.8		ug/L	50.0	108%	69 - 138	6080124	NPG2438-01	07/30/06 14:27
4-Methyl-2-pentanone	ND	281		ug/L	250	112%	66 - 137	6080124	NPG2438-01	07/30/06 14:27
Naphthalene	ND	51.3		ug/L	50.0	103%	47 - 154	6080124	NPG2438-01	07/30/06 14:27
n-Propylbenzene	ND	57.5		ug/L	50.0	115%	67 - 140	6080124	NPG2438-01	07/30/06 14:27
Styrene	ND	51.6		ug/L	50.0	103%	64 - 138	6080124	NPG2438-01	07/30/06 14:27
1,1,1,2-Tetrachloroethane	ND	55.9		ug/L	50.0	112%	10 - 179	6080124	NPG2438-01	07/30/06 14:27
1,1,2,2-Tetrachloroethane	ND	55.6		ug/L	50.0	111%	65 - 134	6080124	NPG2438-01	07/30/06 14:27
Tetrachloroethene	0.950	57.0		ug/L	50.0	112%	71 - 132	6080124	NPG2438-01	07/30/06 14:27
Toluene	ND	59.8		ug/L	50.0	120%	73 - 133	6080124	NPG2438-01	07/30/06 14:27
1,2,3-Trichlorobenzene	ND	47.8		ug/L	50.0	96%	57 - 142	6080124	NPG2438-01	07/30/06 14:27
1,2,4-Trichlorobenzene	ND	52.4		ug/L	50.0	105%	56 - 139	6080124	NPG2438-01	07/30/06 14:27
1,1,2-Trichloroethane	ND	57.4		ug/L	50.0	115%	78 - 125	6080124	NPG2438-01	07/30/06 14:27
1,1,1-Trichloroethane	ND	50.2		ug/L	50.0	100%	66 - 142	6080124	NPG2438-01	07/30/06 14:27
Trichloroethene	0.890	52.6		ug/L	50.0	103%	69 - 140	6080124	NPG2438-01	07/30/06 14:27
Trichlorofluoromethane	ND	40.5		ug/L	50.0	81%	57 - 149	6080124	NPG2438-01	07/30/06 14:27
1,2,3-Trichloropropane	ND	46.3		ug/L	50.0	93%	55 - 138	6080124	NPG2438-01	07/30/06 14:27
1,3,5-Trimethylbenzene	ND	57.5		ug/L	50.0	115%	65 - 140	6080124	NPG2438-01	07/30/06 14:27
1,2,4-Trimethylbenzene	0.420	57.2		ug/L	50.0	114%	60 - 143	6080124	NPG2438-01	07/30/06 14:27
Vinyl chloride	ND	44.0		ug/L	50.0	88%	46 - 151	6080124	NPG2438-01	07/30/06 14:27
Xylenes, total	0.890	173		ug/L	150	115%	68 - 139	6080124	NPG2438-01	07/30/06 14:27
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/L	50.0	96%	70 - 130	6080124	NPG2438-01	07/30/06 14:27
Surrogate: Dibromofluoromethane		49.2		ug/L	50.0	98%	79 - 122	6080124	NPG2438-01	07/30/06 14:27
Surrogate: Toluene-d8		52.8		ug/L	50.0	106%	78 - 121	6080124	NPG2438-01	07/30/06 14:27
Surrogate: 4-Bromofluorobenzene		49.1		ug/L	50.0	98%	78 - 126	6080124	NPG2438-01	07/30/06 14:27

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6080124-MSD1												
Acetone	ND	277		ug/L	250	111%	11 - 157	3	31	6080124	NPG2438-01	07/30/06 14:54
Benzene	ND	54.6		ug/L	50.0	109%	74 - 133	0.2	19	6080124	NPG2438-01	07/30/06 14:54
Bromobenzene	ND	53.5		ug/L	50.0	107%	71 - 129	0.9	19	6080124	NPG2438-01	07/30/06 14:54
Bromochloromethane	ND	55.6		ug/L	50.0	111%	73 - 134	1	19	6080124	NPG2438-01	07/30/06 14:54
Bromodichloromethane	ND	50.8		ug/L	50.0	102%	67 - 138	2	16	6080124	NPG2438-01	07/30/06 14:54
Bromoform	ND	38.2		ug/L	50.0	76%	37 - 140	1	19	6080124	NPG2438-01	07/30/06 14:54
Bromomethane	ND	50.5		ug/L	50.0	101%	29 - 171	8	31	6080124	NPG2438-01	07/30/06 14:54
2-Butanone	ND	259		ug/L	250	104%	50 - 151	0.4	27	6080124	NPG2438-01	07/30/06 14:54
sec-Butylbenzene	ND	58.7		ug/L	50.0	117%	68 - 139	0.5	21	6080124	NPG2438-01	07/30/06 14:54
n-Butylbenzene	ND	56.6		ug/L	50.0	113%	58 - 146	0.5	21	6080124	NPG2438-01	07/30/06 14:54
tert-Butylbenzene	ND	59.1		ug/L	50.0	118%	67 - 137	0	21	6080124	NPG2438-01	07/30/06 14:54
Carbon disulfide	ND	35.1		ug/L	50.0	70%	50 - 147	2	25	6080124	NPG2438-01	07/30/06 14:54
Carbon Tetrachloride	ND	50.8		ug/L	50.0	102%	56 - 147	3	22	6080124	NPG2438-01	07/30/06 14:54
Chlorobenzene	ND	56.4		ug/L	50.0	113%	79 - 124	0	17	6080124	NPG2438-01	07/30/06 14:54
Chlorodibromomethane	ND	45.0		ug/L	50.0	90%	62 - 130	2	16	6080124	NPG2438-01	07/30/06 14:54
Chloroethane	ND	47.9		ug/L	50.0	96%	47 - 160	0.2	24	6080124	NPG2438-01	07/30/06 14:54
Chloroform	ND	53.0		ug/L	50.0	106%	71 - 134	0.9	16	6080124	NPG2438-01	07/30/06 14:54
Chloromethane	ND	35.3		ug/L	50.0	71%	22 - 177	3	32	6080124	NPG2438-01	07/30/06 14:54
2-Chlorotoluene	ND	56.3		ug/L	50.0	113%	63 - 143	1	24	6080124	NPG2438-01	07/30/06 14:54
4-Chlorotoluene	ND	56.4		ug/L	50.0	113%	67 - 139	0	18	6080124	NPG2438-01	07/30/06 14:54
1,2-Dibromo-3-chloropropane	ND	40.7		ug/L	50.0	81%	47 - 133	0.2	21	6080124	NPG2438-01	07/30/06 14:54
1,2-Dibromoethane (EDB)	ND	55.8		ug/L	50.0	112%	72 - 133	0.4	17	6080124	NPG2438-01	07/30/06 14:54
Dibromomethane	ND	50.9		ug/L	50.0	102%	70 - 135	1	19	6080124	NPG2438-01	07/30/06 14:54
1,4-Dichlorobenzene	ND	56.1		ug/L	50.0	112%	72 - 126	0.4	18	6080124	NPG2438-01	07/30/06 14:54
1,3-Dichlorobenzene	ND	55.9		ug/L	50.0	112%	72 - 133	0.4	17	6080124	NPG2438-01	07/30/06 14:54
1,2-Dichlorobenzene	ND	56.2		ug/L	50.0	112%	73 - 131	0.2	16	6080124	NPG2438-01	07/30/06 14:54
Dichlorodifluoromethane	ND	16.9		ug/L	50.0	34%	11 - 182	0.6	34	6080124	NPG2438-01	07/30/06 14:54
1,1-Dichloroethane	ND	54.8		ug/L	50.0	110%	70 - 135	0	17	6080124	NPG2438-01	07/30/06 14:54
1,2-Dichloroethane	ND	53.1		ug/L	50.0	106%	62 - 140	2	17	6080124	NPG2438-01	07/30/06 14:54
cis-1,2-Dichloroethene	0.520	52.7		ug/L	50.0	104%	67 - 137	1	20	6080124	NPG2438-01	07/30/06 14:54
1,1-Dichloroethene	ND	54.2		ug/L	50.0	108%	67 - 139	0.9	20	6080124	NPG2438-01	07/30/06 14:54
trans-1,2-Dichloroethene	ND	57.6		ug/L	50.0	115%	66 - 138	0.2	18	6080124	NPG2438-01	07/30/06 14:54
1,3-Dichloropropane	ND	56.9		ug/L	50.0	114%	76 - 126	1	14	6080124	NPG2438-01	07/30/06 14:54
1,2-Dichloropropane	ND	50.7		ug/L	50.0	101%	75 - 131	2	17	6080124	NPG2438-01	07/30/06 14:54
2,2-Dichloropropane	ND	34.6		ug/L	50.0	69%	13 - 166	0.3	29	6080124	NPG2438-01	07/30/06 14:54
cis-1,3-Dichloropropene	ND	45.4		ug/L	50.0	91%	53 - 139	0.9	20	6080124	NPG2438-01	07/30/06 14:54
trans-1,3-Dichloropropene	ND	38.0		ug/L	50.0	76%	51 - 130	0.3	18	6080124	NPG2438-01	07/30/06 14:54
1,1-Dichloropropene	ND	52.1		ug/L	50.0	104%	73 - 134	1	23	6080124	NPG2438-01	07/30/06 14:54
Ethylbenzene	ND	55.6		ug/L	50.0	111%	74 - 134	1	21	6080124	NPG2438-01	07/30/06 14:54
Hexachlorobutadiene	ND	57.2		ug/L	50.0	114%	52 - 143	3	26	6080124	NPG2438-01	07/30/06 14:54
2-Hexanone	ND	275		ug/L	250	110%	58 - 138	3	18	6080124	NPG2438-01	07/30/06 14:54

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6080124-MSD1												
Isopropylbenzene	ND	56.4		ug/L	50.0	113%	69 - 138	0.2	21	6080124	NPG2438-01	07/30/06 14:54
p-Isopropyltoluene	ND	58.3		ug/L	50.0	117%	66 - 141	1	21	6080124	NPG2438-01	07/30/06 14:54
Methyl tert-Butyl Ether	1.17	50.2		ug/L	50.0	98%	58 - 151	1	28	6080124	NPG2438-01	07/30/06 14:54
Methylene Chloride	ND	54.5		ug/L	50.0	109%	69 - 138	1	19	6080124	NPG2438-01	07/30/06 14:54
4-Methyl-2-pentanone	ND	286		ug/L	250	114%	66 - 137	2	16	6080124	NPG2438-01	07/30/06 14:54
Naphthalene	ND	53.2		ug/L	50.0	106%	47 - 154	4	43	6080124	NPG2438-01	07/30/06 14:54
n-Propylbenzene	ND	57.4		ug/L	50.0	115%	67 - 140	0.2	21	6080124	NPG2438-01	07/30/06 14:54
Styrene	ND	52.4		ug/L	50.0	105%	64 - 138	2	24	6080124	NPG2438-01	07/30/06 14:54
1,1,1,2-Tetrachloroethane	ND	56.3		ug/L	50.0	113%	10 - 179	0.7	16	6080124	NPG2438-01	07/30/06 14:54
1,1,2,2-Tetrachloroethane	ND	56.2		ug/L	50.0	112%	65 - 134	1	23	6080124	NPG2438-01	07/30/06 14:54
Tetrachloroethene	0.950	57.6		ug/L	50.0	113%	71 - 132	1	20	6080124	NPG2438-01	07/30/06 14:54
Toluene	ND	58.9		ug/L	50.0	118%	73 - 133	2	20	6080124	NPG2438-01	07/30/06 14:54
1,2,3-Trichlorobenzene	ND	49.5		ug/L	50.0	99%	57 - 142	3	38	6080124	NPG2438-01	07/30/06 14:54
1,2,4-Trichlorobenzene	ND	53.9		ug/L	50.0	108%	56 - 139	3	25	6080124	NPG2438-01	07/30/06 14:54
1,1,2-Trichloroethane	ND	57.1		ug/L	50.0	114%	78 - 125	0.5	15	6080124	NPG2438-01	07/30/06 14:54
1,1,1-Trichloroethane	ND	51.0		ug/L	50.0	102%	66 - 142	2	25	6080124	NPG2438-01	07/30/06 14:54
Trichloroethene	0.890	52.8		ug/L	50.0	104%	69 - 140	0.4	21	6080124	NPG2438-01	07/30/06 14:54
Trichlorofluoromethane	ND	41.7		ug/L	50.0	83%	57 - 149	3	23	6080124	NPG2438-01	07/30/06 14:54
1,2,3-Trichloropropane	ND	46.4		ug/L	50.0	93%	55 - 138	0.2	20	6080124	NPG2438-01	07/30/06 14:54
1,3,5-Trimethylbenzene	ND	57.9		ug/L	50.0	116%	65 - 140	0.7	23	6080124	NPG2438-01	07/30/06 14:54
1,2,4-Trimethylbenzene	0.420	57.1		ug/L	50.0	113%	60 - 143	0.2	24	6080124	NPG2438-01	07/30/06 14:54
Vinyl chloride	ND	43.8		ug/L	50.0	88%	46 - 151	0.5	23	6080124	NPG2438-01	07/30/06 14:54
Xylenes, total	0.890	172		ug/L	150	114%	68 - 139	0.6	23	6080124	NPG2438-01	07/30/06 14:54
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/L	50.0	96%	70 - 130			6080124	NPG2438-01	07/30/06 14:54
Surrogate: Dibromofluoromethane		50.0		ug/L	50.0	100%	79 - 122			6080124	NPG2438-01	07/30/06 14:54
Surrogate: Toluene-d8		52.8		ug/L	50.0	106%	78 - 121			6080124	NPG2438-01	07/30/06 14:54
Surrogate: 4-Bromofluorobenzene		49.0		ug/L	50.0	98%	78 - 126			6080124	NPG2438-01	07/30/06 14:54

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2719
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Rick Ryan	Received:	07/21/06 08:00

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC#

NPG2719

Cooler Received/Opened On: July 21, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3751

(Fed-Ex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -0.2 **Degrees Celsius**
(indicate IR Gun ID#)

NA A00466 A00750 (A01124) 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... (YES)...NO....NA

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify *that I opened* the cooler and answered questions 1-5 (intial)..... KW

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JW

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JW

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JW

I certify that I attached a label with the unique LIMS number to each container (intial)..... JW

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

1 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring — Yes - New York State

NPG2719
08/04/06 23:59

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Thomas W. Williams (TRW)
Sampler Signature: Thomas R. Williams

Project Name: Former Taylor Instruments
Project #: 303105200G.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: _____ PO#: _____

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other
Preservation & # of Containers: HNO_3, HCl, NaOH, H_2SO_4, Methanol, None, Other (Specify)
Analyze For: VOCs 8260

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other	VOCs 8260	REMARKS
QATB02	7-19	1835	G		GW		X						3	NPG2719-01 Trip Blank
BR-04	7-20	0805					X						3	2
BR-05		0845					X						3	3
BR-05(MS)		0850					X						3	4 Matrix Spike
BR-05 (MSD)		0855					X						3	5 Matrix Spike
QARB02		0915					X						3	6
QAFB02		0920					X						3	7
BR-09		0940					X						3	8
BR-10		1050					X						3	9
BR-11		1130					X						3	10

Special Instructions: Quote # & PO# to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 7/21/06	Time: 7:10

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 0.2
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - New York

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: _____

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Thomas Williams (TW)

Sampler Signature: Thomas R Williams

Project Name: Former Taylor Instruments

Project #: 30310520006.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260								REMARKS
BR-15	~~7-20~~ 7-20	1420	G		GW		X						3						NPG-2714-11		
BR-17	7-20	1525	G		↓		X						3						↓	12	
CB-04	7-20	1625	G		↓		X						3						↓	13	

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions: Quote # & PO # to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date: 7/21/06	Time: 8:10	

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: -0.2
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 07, 2006

Client: MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn: Joe Deatherage

Work Order: NPG2866
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.04
P/O Nbr: 52196
Date Received: 07/22/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
OB-05	NPG2866-01	07/21/06 08:55
OB-06	NPG2866-02	07/21/06 09:55
OB-08	NPG2866-03	07/21/06 11:10

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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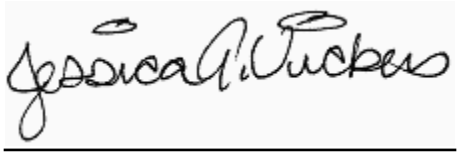
New York Certification Number: 11342

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jessica Vickers
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client MACTEC Engineering & Consulting, Inc. (4997)
1431 Centerpoint Blvd., Suite 150
Knoxville, TN 37932-1968
Attn Joe Deatherage

Work Order: NPG2866
Project Name: Former Taylor Instruments
Project Number: 3031052006.04
Received: 07/22/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2866-01 (OB-05 - Ground Water) Sampled: 07/21/06 08:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/01/06 22:31	SW846 8260B	6075682
Benzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Bromobenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Bromochloromethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Bromodichloromethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Bromoform	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Bromomethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
2-Butanone	ND		ug/L	50.0	1	08/01/06 22:31	SW846 8260B	6075682
sec-Butylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
n-Butylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
tert-Butylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Carbon disulfide	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Carbon Tetrachloride	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Chlorobenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Chlorodibromomethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Chloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Chloroform	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Chloromethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
2-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
4-Chlorotoluene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Dibromomethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1-Dichloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2-Dichloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1-Dichloroethene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,3-Dichloropropane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
2,2-Dichloropropane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1-Dichloropropene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Ethylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Hexachlorobutadiene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
2-Hexanone	ND		ug/L	50.0	1	08/01/06 22:31	SW846 8260B	6075682
Isopropylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
p-Isopropyltoluene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2866-01 (OB-05 - Ground Water) - cont. Sampled: 07/21/06 08:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Methylene Chloride	ND		ug/L	5.00	1	08/01/06 22:31	SW846 8260B	6075682
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/01/06 22:31	SW846 8260B	6075682
Naphthalene	ND		ug/L	5.00	1	08/01/06 22:31	SW846 8260B	6075682
n-Propylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Styrene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Tetrachloroethene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Toluene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Trichloroethene	**69.9**		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Trichlorofluoromethane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Vinyl chloride	ND		ug/L	1.00	1	08/01/06 22:31	SW846 8260B	6075682
Xylenes, total	ND		ug/L	3.00	1	08/01/06 22:31	SW846 8260B	6075682
Surr: 1,2-Dichloroethane-d4 (70-130%)	*116 %*					*08/01/06 22:31*	*SW846 8260B*	*6075682*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*08/01/06 22:31*	*SW846 8260B*	*6075682*
Surr: Toluene-d8 (78-121%)	*97 %*					*08/01/06 22:31*	*SW846 8260B*	*6075682*
Surr: 4-Bromofluorobenzene (78-126%)	*98 %*					*08/01/06 22:31*	*SW846 8260B*	*6075682*
Sample ID: NPG2866-02 (OB-06 - Ground Water) Sampled: 07/21/06 09:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/02/06 03:13	SW846 8260B	6080192
Benzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Bromobenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Bromochloromethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Bromodichloromethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Bromoform	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Bromomethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
2-Butanone	ND		ug/L	50.0	1	08/02/06 03:13	SW846 8260B	6080192
sec-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
n-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
tert-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Carbon disulfide	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Carbon Tetrachloride	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Chlorobenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Chlorodibromomethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Chloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2866-02 (OB-06 - Ground Water) - cont. Sampled: 07/21/06 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Chloromethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
2-Chlorotoluene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
4-Chlorotoluene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Dibromomethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1-Dichloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2-Dichloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
cis-1,2-Dichloroethene	**2.59**		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1-Dichloroethene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,3-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
2,2-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Ethylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Hexachlorobutadiene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
2-Hexanone	ND		ug/L	50.0	1	08/02/06 03:13	SW846 8260B	6080192
Isopropylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
p-Isopropyltoluene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Methylene Chloride	ND		ug/L	5.00	1	08/02/06 03:13	SW846 8260B	6080192
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/02/06 03:13	SW846 8260B	6080192
Naphthalene	ND		ug/L	5.00	1	08/02/06 03:13	SW846 8260B	6080192
n-Propylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Styrene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Tetrachloroethene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Toluene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Trichloroethene	**60.5**		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Trichlorofluoromethane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2866-02 (OB-06 - Ground Water) - cont. Sampled: 07/21/06 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Vinyl chloride	ND		ug/L	1.00	1	08/02/06 03:13	SW846 8260B	6080192
Xylenes, total	ND		ug/L	3.00	1	08/02/06 03:13	SW846 8260B	6080192
Surr: 1,2-Dichloroethane-d4 (70-130%)	*128 %*					*08/02/06 03:13*	*SW846 8260B*	*6080192*
Surr: Dibromofluoromethane (79-122%)	*115 %*					*08/02/06 03:13*	*SW846 8260B*	*6080192*
Surr: Toluene-d8 (78-121%)	*98 %*					*08/02/06 03:13*	*SW846 8260B*	*6080192*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*08/02/06 03:13*	*SW846 8260B*	*6080192*
Sample ID: NPG2866-03 (OB-08 - Ground Water) Sampled: 07/21/06 11:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	08/02/06 03:41	SW846 8260B	6080192
Benzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Bromobenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Bromochloromethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Bromodichloromethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Bromoform	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Bromomethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
2-Butanone	ND		ug/L	50.0	1	08/02/06 03:41	SW846 8260B	6080192
sec-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
n-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
tert-Butylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Carbon disulfide	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Carbon Tetrachloride	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Chlorobenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Chlorodibromomethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Chloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Chloroform	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Chloromethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
2-Chlorotoluene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
4-Chlorotoluene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Dibromomethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,3-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Dichlorodifluoromethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1-Dichloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2-Dichloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
cis-1,2-Dichloroethene	**7.85**		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1-Dichloroethene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
trans-1,2-Dichloroethene	**3.91**		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG2866-03 (OB-08 - Ground Water) - cont. Sampled: 07/21/06 11:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
2,2-Dichloropropane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1-Dichloropropene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Ethylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Hexachlorobutadiene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
2-Hexanone	ND		ug/L	50.0	1	08/02/06 03:41	SW846 8260B	6080192
Isopropylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
p-Isopropyltoluene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Methylene Chloride	ND		ug/L	5.00	1	08/02/06 03:41	SW846 8260B	6080192
4-Methyl-2-pentanone	ND		ug/L	50.0	1	08/02/06 03:41	SW846 8260B	6080192
Naphthalene	ND		ug/L	5.00	1	08/02/06 03:41	SW846 8260B	6080192
n-Propylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Styrene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Tetrachloroethene	**2.13**		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Toluene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Trichloroethene	**890**		ug/L	20.0	20	08/02/06 16:09	SW846 8260B	6080043
Trichlorofluoromethane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Vinyl chloride	ND		ug/L	1.00	1	08/02/06 03:41	SW846 8260B	6080192
Xylenes, total	ND		ug/L	3.00	1	08/02/06 03:41	SW846 8260B	6080192
Surr: 1,2-Dichloroethane-d4 (70-130%)	*116 %*					*08/02/06 03:41*	*SW846 8260B*	*6080192*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*125 %*					*08/02/06 16:09*	*SW846 8260B*	*6080043*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*08/02/06 03:41*	*SW846 8260B*	*6080192*
Surr: Dibromofluoromethane (79-122%)	*113 %*					*08/02/06 16:09*	*SW846 8260B*	*6080043*
Surr: Toluene-d8 (78-121%)	*98 %*					*08/02/06 03:41*	*SW846 8260B*	*6080192*
Surr: Toluene-d8 (78-121%)	*97 %*					*08/02/06 16:09*	*SW846 8260B*	*6080043*
Surr: 4-Bromofluorobenzene (78-126%)	*97 %*					*08/02/06 03:41*	*SW846 8260B*	*6080192*
Surr: 4-Bromofluorobenzene (78-126%)	*98 %*					*08/02/06 16:09*	*SW846 8260B*	*6080043*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075682-BLK1						
Acetone	<5.91		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Benzene	<0.290		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromobenzene	<0.470		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromochloromethane	<0.420		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromodichloromethane	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromoform	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Bromomethane	<0.600		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Butanone	<5.09		ug/L	6075682	6075682-BLK1	08/01/06 14:32
sec-Butylbenzene	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
n-Butylbenzene	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
tert-Butylbenzene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Carbon disulfide	<0.310		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Carbon Tetrachloride	<0.480		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chlorobenzene	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chlorodibromomethane	<0.360		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloroethane	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloroform	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Chloromethane	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Chlorotoluene	<0.270		ug/L	6075682	6075682-BLK1	08/01/06 14:32
4-Chlorotoluene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dibromoethane (EDB)	<0.380		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Dibromomethane	<0.570		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,4-Dichlorobenzene	<0.460		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3-Dichlorobenzene	<0.360		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichlorobenzene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Dichlorodifluoromethane	<0.410		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloroethane	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichloroethane	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
cis-1,2-Dichloroethene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloroethene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
trans-1,2-Dichloroethene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3-Dichloropropane	<0.630		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2-Dichloropropane	<0.500		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2,2-Dichloropropane	<0.660		ug/L	6075682	6075682-BLK1	08/01/06 14:32
cis-1,3-Dichloropropene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
trans-1,3-Dichloropropene	<0.490		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1-Dichloropropene	<0.510		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Ethylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Hexachlorobutadiene	<0.670		ug/L	6075682	6075682-BLK1	08/01/06 14:32
2-Hexanone	<2.53		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Isopropylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075682-BLK1						
p-Isopropyltoluene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Methyl tert-Butyl Ether	<0.320		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Methylene Chloride	<1.26		ug/L	6075682	6075682-BLK1	08/01/06 14:32
4-Methyl-2-pentanone	<4.25		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Naphthalene	<1.13		ug/L	6075682	6075682-BLK1	08/01/06 14:32
n-Propylbenzene	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Styrene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Tetrachloroethene	<0.390		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Toluene	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,3-Trichlorobenzene	<0.560		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,4-Trichlorobenzene	<0.790		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,2-Trichloroethane	<0.420		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,1,1-Trichloroethane	<0.400		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Trichloroethene	<0.450		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Trichlorofluoromethane	<0.480		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,3-Trichloropropane	<0.560		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,3,5-Trimethylbenzene	<0.280		ug/L	6075682	6075682-BLK1	08/01/06 14:32
1,2,4-Trimethylbenzene	<0.340		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Vinyl chloride	<0.430		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Xylenes, total	<0.820		ug/L	6075682	6075682-BLK1	08/01/06 14:32
Surrogate: 1,2-Dichloroethane-d4	102%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: Dibromofluoromethane	98%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: Toluene-d8	96%			6075682	6075682-BLK1	08/01/06 14:32
Surrogate: 4-Bromofluorobenzene	95%			6075682	6075682-BLK1	08/01/06 14:32
6080043-BLK1						
Acetone	<5.91		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Benzene	<0.290		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Bromobenzene	<0.470		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Bromochloromethane	<0.420		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Bromodichloromethane	<0.380		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Bromoform	<0.500		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Bromomethane	<0.600		ug/L	6080043	6080043-BLK1	08/02/06 14:11
2-Butanone	<5.09		ug/L	6080043	6080043-BLK1	08/02/06 14:11
sec-Butylbenzene	<0.380		ug/L	6080043	6080043-BLK1	08/02/06 14:11
n-Butylbenzene	<0.460		ug/L	6080043	6080043-BLK1	08/02/06 14:11
tert-Butylbenzene	<0.390		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Carbon disulfide	<0.310		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Carbon Tetrachloride	<0.480		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Chlorobenzene	<0.320		ug/L	6080043	6080043-BLK1	08/02/06 14:11

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080043-BLK1						
Chlorodibromomethane	<0.360		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Chloroethane	<0.500		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Chloroform	<0.380		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Chloromethane	<0.460		ug/L	6080043	6080043-BLK1	08/02/06 14:11
2-Chlorotoluene	<0.270		ug/L	6080043	6080043-BLK1	08/02/06 14:11
4-Chlorotoluene	<0.370		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2-Dibromoethane (EDB)	<0.380		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Dibromomethane	<0.570		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,4-Dichlorobenzene	<0.460		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,3-Dichlorobenzene	<0.360		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2-Dichlorobenzene	<0.370		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Dichlorodifluoromethane	<0.410		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1-Dichloroethane	<0.320		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2-Dichloroethane	<0.280		ug/L	6080043	6080043-BLK1	08/02/06 14:11
cis-1,2-Dichloroethene	<0.390		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1-Dichloroethene	<0.450		ug/L	6080043	6080043-BLK1	08/02/06 14:11
trans-1,2-Dichloroethene	<0.340		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,3-Dichloropropane	<0.630		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2-Dichloropropane	<0.500		ug/L	6080043	6080043-BLK1	08/02/06 14:11
2,2-Dichloropropane	<0.660		ug/L	6080043	6080043-BLK1	08/02/06 14:11
cis-1,3-Dichloropropene	<0.450		ug/L	6080043	6080043-BLK1	08/02/06 14:11
trans-1,3-Dichloropropene	<0.490		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1-Dichloropropene	<0.510		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Ethylbenzene	<0.340		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Hexachlorobutadiene	<0.670		ug/L	6080043	6080043-BLK1	08/02/06 14:11
2-Hexanone	<2.53		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Isopropylbenzene	<0.340		ug/L	6080043	6080043-BLK1	08/02/06 14:11
p-Isopropyltoluene	<0.340		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Methyl tert-Butyl Ether	<0.320		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Methylene Chloride	<1.26		ug/L	6080043	6080043-BLK1	08/02/06 14:11
4-Methyl-2-pentanone	<4.25		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Naphthalene	<1.13		ug/L	6080043	6080043-BLK1	08/02/06 14:11
n-Propylbenzene	<0.370		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Styrene	<0.390		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Tetrachloroethene	<0.390		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Toluene	<0.280		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2,3-Trichlorobenzene	<0.560		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2,4-Trichlorobenzene	<0.790		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,1,2-Trichloroethane	<0.420		ug/L	6080043	6080043-BLK1	08/02/06 14:11

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080043-BLK1						
1,1,1-Trichloroethane	<0.400		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Trichloroethene	<0.450		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Trichlorofluoromethane	<0.480		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2,3-Trichloropropane	<0.560		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,3,5-Trimethylbenzene	<0.280		ug/L	6080043	6080043-BLK1	08/02/06 14:11
1,2,4-Trimethylbenzene	<0.340		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Vinyl chloride	<0.430		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Xylenes, total	<0.820		ug/L	6080043	6080043-BLK1	08/02/06 14:11
Surrogate: 1,2-Dichloroethane-d4	115%			6080043	6080043-BLK1	08/02/06 14:11
Surrogate: Dibromofluoromethane	111%			6080043	6080043-BLK1	08/02/06 14:11
Surrogate: Toluene-d8	97%			6080043	6080043-BLK1	08/02/06 14:11
Surrogate: 4-Bromofluorobenzene	96%			6080043	6080043-BLK1	08/02/06 14:11
6080192-BLK1						
Acetone	<5.91		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Benzene	<0.290		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Bromobenzene	<0.470		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Bromochloromethane	<0.420		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Bromodichloromethane	<0.380		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Bromoform	<0.500		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Bromomethane	<0.600		ug/L	6080192	6080192-BLK1	08/02/06 01:48
2-Butanone	<5.09		ug/L	6080192	6080192-BLK1	08/02/06 01:48
sec-Butylbenzene	<0.380		ug/L	6080192	6080192-BLK1	08/02/06 01:48
n-Butylbenzene	<0.460		ug/L	6080192	6080192-BLK1	08/02/06 01:48
tert-Butylbenzene	<0.390		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Carbon disulfide	<0.310		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Carbon Tetrachloride	<0.480		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Chlorobenzene	<0.320		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Chlorodibromomethane	<0.360		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Chloroethane	<0.500		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Chloroform	<0.380		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Chloromethane	<0.460		ug/L	6080192	6080192-BLK1	08/02/06 01:48
2-Chlorotoluene	<0.270		ug/L	6080192	6080192-BLK1	08/02/06 01:48
4-Chlorotoluene	<0.370		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2-Dibromoethane (EDB)	<0.380		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Dibromomethane	<0.570		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,4-Dichlorobenzene	<0.460		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,3-Dichlorobenzene	<0.360		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2-Dichlorobenzene	<0.370		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Dichlorodifluoromethane	<0.410		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1-Dichloroethane	<0.320		ug/L	6080192	6080192-BLK1	08/02/06 01:48

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6080192-BLK1						
1,2-Dichloroethane	<0.280		ug/L	6080192	6080192-BLK1	08/02/06 01:48
cis-1,2-Dichloroethene	<0.390		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1-Dichloroethene	<0.450		ug/L	6080192	6080192-BLK1	08/02/06 01:48
trans-1,2-Dichloroethene	<0.340		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,3-Dichloropropane	<0.630		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2-Dichloropropane	<0.500		ug/L	6080192	6080192-BLK1	08/02/06 01:48
2,2-Dichloropropane	<0.660		ug/L	6080192	6080192-BLK1	08/02/06 01:48
cis-1,3-Dichloropropene	<0.450		ug/L	6080192	6080192-BLK1	08/02/06 01:48
trans-1,3-Dichloropropene	<0.490		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1-Dichloropropene	<0.510		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Ethylbenzene	<0.340		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Hexachlorobutadiene	<0.670		ug/L	6080192	6080192-BLK1	08/02/06 01:48
2-Hexanone	<2.53		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Isopropylbenzene	<0.340		ug/L	6080192	6080192-BLK1	08/02/06 01:48
p-Isopropyltoluene	<0.340		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Methyl tert-Butyl Ether	<0.320		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Methylene Chloride	<1.26		ug/L	6080192	6080192-BLK1	08/02/06 01:48
4-Methyl-2-pentanone	<4.25		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Naphthalene	<1.13		ug/L	6080192	6080192-BLK1	08/02/06 01:48
n-Propylbenzene	<0.370		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Styrene	<0.390		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Tetrachloroethene	<0.390		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Toluene	<0.280		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2,3-Trichlorobenzene	<0.560		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2,4-Trichlorobenzene	<0.790		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1,2-Trichloroethane	<0.420		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,1,1-Trichloroethane	<0.400		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Trichloroethene	<0.450		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Trichlorofluoromethane	<0.480		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2,3-Trichloropropane	<0.560		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,3,5-Trimethylbenzene	<0.280		ug/L	6080192	6080192-BLK1	08/02/06 01:48
1,2,4-Trimethylbenzene	<0.340		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Vinyl chloride	<0.430		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Xylenes, total	<0.820		ug/L	6080192	6080192-BLK1	08/02/06 01:48
Surrogate: 1,2-Dichloroethane-d4	102%			6080192	6080192-BLK1	08/02/06 01:48
Surrogate: Dibromofluoromethane	97%			6080192	6080192-BLK1	08/02/06 01:48
Surrogate: Toluene-d8	95%			6080192	6080192-BLK1	08/02/06 01:48
Surrogate: 4-Bromofluorobenzene	94%			6080192	6080192-BLK1	08/02/06 01:48

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075682-BS1								
Acetone	250	247		ug/L	99%	28 - 157	6075682	08/01/06 13:36
Benzene	50.0	50.2		ug/L	100%	78 - 122	6075682	08/01/06 13:36
Bromobenzene	50.0	54.6		ug/L	109%	77 - 122	6075682	08/01/06 13:36
Bromochloromethane	50.0	51.9		ug/L	104%	74 - 130	6075682	08/01/06 13:36
Bromodichloromethane	50.0	52.4		ug/L	105%	71 - 134	6075682	08/01/06 13:36
Bromoform	50.0	44.7		ug/L	89%	44 - 140	6075682	08/01/06 13:36
Bromomethane	50.0	59.6		ug/L	119%	49 - 157	6075682	08/01/06 13:36
2-Butanone	250	269		ug/L	108%	54 - 151	6075682	08/01/06 13:36
sec-Butylbenzene	50.0	49.2		ug/L	98%	75 - 131	6075682	08/01/06 13:36
n-Butylbenzene	50.0	52.2		ug/L	104%	69 - 137	6075682	08/01/06 13:36
tert-Butylbenzene	50.0	47.1		ug/L	94%	74 - 129	6075682	08/01/06 13:36
Carbon disulfide	50.0	48.0		ug/L	96%	64 - 139	6075682	08/01/06 13:36
Carbon Tetrachloride	50.0	52.1		ug/L	104%	63 - 140	6075682	08/01/06 13:36
Chlorobenzene	50.0	54.2		ug/L	108%	83 - 118	6075682	08/01/06 13:36
Chlorodibromomethane	50.0	62.2		ug/L	124%	69 - 128	6075682	08/01/06 13:36
Chloroethane	50.0	52.6		ug/L	105%	57 - 142	6075682	08/01/06 13:36
Chloroform	50.0	51.6		ug/L	103%	72 - 128	6075682	08/01/06 13:36
Chloromethane	50.0	52.5		ug/L	105%	37 - 158	6075682	08/01/06 13:36
2-Chlorotoluene	50.0	59.8		ug/L	120%	74 - 131	6075682	08/01/06 13:36
4-Chlorotoluene	50.0	52.1		ug/L	104%	77 - 128	6075682	08/01/06 13:36
1,2-Dibromo-3-chloropropane	50.0	45.5		ug/L	91%	54 - 130	6075682	08/01/06 13:36
1,2-Dibromoethane (EDB)	50.0	58.3		ug/L	117%	76 - 128	6075682	08/01/06 13:36
Dibromomethane	50.0	52.9		ug/L	106%	74 - 129	6075682	08/01/06 13:36
1,4-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 119	6075682	08/01/06 13:36
1,3-Dichlorobenzene	50.0	56.7		ug/L	113%	81 - 124	6075682	08/01/06 13:36
1,2-Dichlorobenzene	50.0	56.9		ug/L	114%	82 - 123	6075682	08/01/06 13:36
Dichlorodifluoromethane	50.0	40.1		ug/L	80%	30 - 161	6075682	08/01/06 13:36
1,1-Dichloroethane	50.0	53.6		ug/L	107%	72 - 130	6075682	08/01/06 13:36
1,2-Dichloroethane	50.0	53.4		ug/L	107%	65 - 137	6075682	08/01/06 13:36
cis-1,2-Dichloroethene	50.0	53.9		ug/L	108%	71 - 131	6075682	08/01/06 13:36
1,1-Dichloroethene	50.0	52.8		ug/L	106%	68 - 133	6075682	08/01/06 13:36
trans-1,2-Dichloroethene	50.0	54.4		ug/L	109%	70 - 132	6075682	08/01/06 13:36
1,3-Dichloropropane	50.0	57.4		ug/L	115%	81 - 121	6075682	08/01/06 13:36
1,2-Dichloropropane	50.0	50.6		ug/L	101%	76 - 128	6075682	08/01/06 13:36
2,2-Dichloropropane	50.0	58.6		ug/L	117%	35 - 159	6075682	08/01/06 13:36
cis-1,3-Dichloropropene	50.0	62.5		ug/L	125%	61 - 138	6075682	08/01/06 13:36
trans-1,3-Dichloropropene	50.0	54.2		ug/L	108%	57 - 130	6075682	08/01/06 13:36
1,1-Dichloropropene	50.0	52.0		ug/L	104%	76 - 127	6075682	08/01/06 13:36
Ethylbenzene	50.0	59.5		ug/L	119%	82 - 122	6075682	08/01/06 13:36
Hexachlorobutadiene	50.0	55.7		ug/L	111%	66 - 137	6075682	08/01/06 13:36
2-Hexanone	250	270		ug/L	108%	63 - 138	6075682	08/01/06 13:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075682-BS1								
Isopropylbenzene	50.0	46.8		ug/L	94%	75 - 130	6075682	08/01/06 13:36
p-Isopropyltoluene	50.0	54.6		ug/L	109%	76 - 133	6075682	08/01/06 13:36
Methyl tert-Butyl Ether	50.0	55.2		ug/L	110%	65 - 144	6075682	08/01/06 13:36
Methylene Chloride	50.0	52.7		ug/L	105%	74 - 133	6075682	08/01/06 13:36
4-Methyl-2-pentanone	250	302		ug/L	121%	74 - 132	6075682	08/01/06 13:36
Naphthalene	50.0	56.3		ug/L	113%	64 - 144	6075682	08/01/06 13:36
n-Propylbenzene	50.0	48.2		ug/L	96%	76 - 129	6075682	08/01/06 13:36
Styrene	50.0	57.9		ug/L	116%	76 - 130	6075682	08/01/06 13:36
1,1,1,2-Tetrachloroethane	50.0	56.8		ug/L	114%	77 - 128	6075682	08/01/06 13:36
1,1,2,2-Tetrachloroethane	50.0	53.6		ug/L	107%	70 - 129	6075682	08/01/06 13:36
Tetrachloroethene	50.0	54.1		ug/L	108%	77 - 124	6075682	08/01/06 13:36
Toluene	50.0	55.0		ug/L	110%	80 - 120	6075682	08/01/06 13:36
1,2,3-Trichlorobenzene	50.0	61.9		ug/L	124%	69 - 140	6075682	08/01/06 13:36
1,2,4-Trichlorobenzene	50.0	61.7		ug/L	123%	68 - 135	6075682	08/01/06 13:36
1,1,2-Trichloroethane	50.0	57.8		ug/L	116%	83 - 120	6075682	08/01/06 13:36
1,1,1-Trichloroethane	50.0	51.7		ug/L	103%	68 - 135	6075682	08/01/06 13:36
Trichloroethene	50.0	49.0		ug/L	98%	72 - 135	6075682	08/01/06 13:36
Trichlorofluoromethane	50.0	49.4		ug/L	99%	57 - 142	6075682	08/01/06 13:36
1,2,3-Trichloropropane	50.0	49.3		ug/L	99%	68 - 129	6075682	08/01/06 13:36
1,3,5-Trimethylbenzene	50.0	51.6		ug/L	103%	78 - 129	6075682	08/01/06 13:36
1,2,4-Trimethylbenzene	50.0	51.9		ug/L	104%	78 - 126	6075682	08/01/06 13:36
Vinyl chloride	50.0	53.5		ug/L	107%	52 - 143	6075682	08/01/06 13:36
Xylenes, total	150	166		ug/L	111%	81 - 125	6075682	08/01/06 13:36
Surrogate: 1,2-Dichloroethane-d4	50.0	50.8			102%	70 - 130	6075682	08/01/06 13:36
Surrogate: Dibromofluoromethane	50.0	50.3			101%	79 - 122	6075682	08/01/06 13:36
Surrogate: Toluene-d8	50.0	53.7			107%	78 - 121	6075682	08/01/06 13:36
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6075682	08/01/06 13:36
6080043-BS1								
Acetone	250	262	MNR1	ug/L	105%	28 - 157	6080043	08/02/06 13:15
Benzene	50.0	51.8	MNR1	ug/L	104%	78 - 122	6080043	08/02/06 13:15
Bromobenzene	50.0	51.0	MNR1	ug/L	102%	77 - 122	6080043	08/02/06 13:15
Bromochloromethane	50.0	54.8	MNR1	ug/L	110%	74 - 130	6080043	08/02/06 13:15
Bromodichloromethane	50.0	55.1	MNR1	ug/L	110%	71 - 134	6080043	08/02/06 13:15
Bromoform	50.0	43.8	MNR1	ug/L	88%	44 - 140	6080043	08/02/06 13:15
Bromomethane	50.0	66.0	MNR1	ug/L	132%	49 - 157	6080043	08/02/06 13:15
2-Butanone	250	306	MNR1	ug/L	122%	54 - 151	6080043	08/02/06 13:15
sec-Butylbenzene	50.0	45.6	MNR1	ug/L	91%	75 - 131	6080043	08/02/06 13:15
n-Butylbenzene	50.0	48.6	MNR1	ug/L	97%	69 - 137	6080043	08/02/06 13:15
tert-Butylbenzene	50.0	43.7	MNR1	ug/L	87%	74 - 129	6080043	08/02/06 13:15
Carbon disulfide	50.0	49.1	MNR1	ug/L	98%	64 - 139	6080043	08/02/06 13:15
Carbon Tetrachloride	50.0	53.5	MNR1	ug/L	107%	63 - 140	6080043	08/02/06 13:15

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
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Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080043-BS1								
Chlorobenzene	50.0	50.2	MNR1	ug/L	100%	83 - 118	6080043	08/02/06 13:15
Chlorodibromomethane	50.0	58.5	MNR1	ug/L	117%	69 - 128	6080043	08/02/06 13:15
Chloroethane	50.0	53.7	MNR1	ug/L	107%	57 - 142	6080043	08/02/06 13:15
Chloroform	50.0	53.4	MNR1	ug/L	107%	72 - 128	6080043	08/02/06 13:15
Chloromethane	50.0	50.1	MNR1	ug/L	100%	37 - 158	6080043	08/02/06 13:15
2-Chlorotoluene	50.0	55.8	MNR1	ug/L	112%	74 - 131	6080043	08/02/06 13:15
4-Chlorotoluene	50.0	48.5	MNR1	ug/L	97%	77 - 128	6080043	08/02/06 13:15
1,2-Dibromo-3-chloropropane	50.0	46.6	MNR1	ug/L	93%	54 - 130	6080043	08/02/06 13:15
1,2-Dibromoethane (EDB)	50.0	57.5	MNR1	ug/L	115%	76 - 128	6080043	08/02/06 13:15
Dibromomethane	50.0	55.3	MNR1	ug/L	111%	74 - 129	6080043	08/02/06 13:15
1,4-Dichlorobenzene	50.0	49.8	MNR1	ug/L	100%	80 - 119	6080043	08/02/06 13:15
1,3-Dichlorobenzene	50.0	52.8	MNR1	ug/L	106%	81 - 124	6080043	08/02/06 13:15
1,2-Dichlorobenzene	50.0	54.3	MNR1	ug/L	109%	82 - 123	6080043	08/02/06 13:15
Dichlorodifluoromethane	50.0	39.6	MNR1	ug/L	79%	30 - 161	6080043	08/02/06 13:15
1,1-Dichloroethane	50.0	55.0	MNR1	ug/L	110%	72 - 130	6080043	08/02/06 13:15
1,2-Dichloroethane	50.0	55.4	MNR1	ug/L	111%	65 - 137	6080043	08/02/06 13:15
cis-1,2-Dichloroethene	50.0	55.0	MNR1	ug/L	110%	71 - 131	6080043	08/02/06 13:15
1,1-Dichloroethene	50.0	54.0	MNR1	ug/L	108%	68 - 133	6080043	08/02/06 13:15
trans-1,2-Dichloroethene	50.0	56.4	MNR1	ug/L	113%	70 - 132	6080043	08/02/06 13:15
1,3-Dichloropropane	50.0	54.4	MNR1	ug/L	109%	81 - 121	6080043	08/02/06 13:15
1,2-Dichloropropane	50.0	52.1	MNR1	ug/L	104%	76 - 128	6080043	08/02/06 13:15
2,2-Dichloropropane	50.0	60.5	MNR1	ug/L	121%	35 - 159	6080043	08/02/06 13:15
cis-1,3-Dichloropropene	50.0	59.3	MNR1	ug/L	119%	61 - 138	6080043	08/02/06 13:15
trans-1,3-Dichloropropene	50.0	52.1	MNR1	ug/L	104%	57 - 130	6080043	08/02/06 13:15
1,1-Dichloropropene	50.0	53.6	MNR1	ug/L	107%	76 - 127	6080043	08/02/06 13:15
Ethylbenzene	50.0	54.6	MNR1	ug/L	109%	82 - 122	6080043	08/02/06 13:15
Hexachlorobutadiene	50.0	52.4	MNR1	ug/L	105%	66 - 137	6080043	08/02/06 13:15
2-Hexanone	250	261	MNR1	ug/L	104%	63 - 138	6080043	08/02/06 13:15
Isopropylbenzene	50.0	42.5	MNR1	ug/L	85%	75 - 130	6080043	08/02/06 13:15
p-Isopropyltoluene	50.0	50.2	MNR1	ug/L	100%	76 - 133	6080043	08/02/06 13:15
Methyl tert-Butyl Ether	50.0	60.1	MNR1	ug/L	120%	65 - 144	6080043	08/02/06 13:15
Methylene Chloride	50.0	54.6	MNR1	ug/L	109%	74 - 133	6080043	08/02/06 13:15
4-Methyl-2-pentanone	250	297	MNR1	ug/L	119%	74 - 132	6080043	08/02/06 13:15
Naphthalene	50.0	57.4	MNR1	ug/L	115%	64 - 144	6080043	08/02/06 13:15
n-Propylbenzene	50.0	45.3	MNR1	ug/L	91%	76 - 129	6080043	08/02/06 13:15
Styrene	50.0	53.8	MNR1	ug/L	108%	76 - 130	6080043	08/02/06 13:15
1,1,1,2-Tetrachloroethane	50.0	52.4	MNR1	ug/L	105%	77 - 128	6080043	08/02/06 13:15
1,1,2,2-Tetrachloroethane	50.0	52.3	MNR1	ug/L	105%	70 - 129	6080043	08/02/06 13:15
Tetrachloroethene	50.0	49.9	MNR1	ug/L	100%	77 - 124	6080043	08/02/06 13:15
Toluene	50.0	51.4	MNR1	ug/L	103%	80 - 120	6080043	08/02/06 13:15
1,2,3-Trichlorobenzene	50.0	61.5	MNR1	ug/L	123%	69 - 140	6080043	08/02/06 13:15

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Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080043-BS1								
1,2,4-Trichlorobenzene	50.0	59.7	MNR1	ug/L	119%	68 - 135	6080043	08/02/06 13:15
1,1,2-Trichloroethane	50.0	54.1	MNR1	ug/L	108%	83 - 120	6080043	08/02/06 13:15
1,1,1-Trichloroethane	50.0	53.9	MNR1	ug/L	108%	68 - 135	6080043	08/02/06 13:15
Trichloroethene	50.0	45.1	MNR1	ug/L	90%	72 - 135	6080043	08/02/06 13:15
Trichlorofluoromethane	50.0	52.4	MNR1	ug/L	105%	57 - 142	6080043	08/02/06 13:15
1,2,3-Trichloropropane	50.0	47.1	MNR1	ug/L	94%	68 - 129	6080043	08/02/06 13:15
1,3,5-Trimethylbenzene	50.0	48.4	MNR1	ug/L	97%	78 - 129	6080043	08/02/06 13:15
1,2,4-Trimethylbenzene	50.0	49.3	MNR1	ug/L	99%	78 - 126	6080043	08/02/06 13:15
Vinyl chloride	50.0	54.5	MNR1	ug/L	109%	52 - 143	6080043	08/02/06 13:15
Xylenes, total	150	152	MNR1	ug/L	101%	81 - 125	6080043	08/02/06 13:15
Surrogate: 1,2-Dichloroethane-d4	50.0	56.8			114%	70 - 130	6080043	08/02/06 13:15
Surrogate: Dibromofluoromethane	50.0	56.3			113%	79 - 122	6080043	08/02/06 13:15
Surrogate: Toluene-d8	50.0	54.2			108%	78 - 121	6080043	08/02/06 13:15
Surrogate: 4-Bromofluorobenzene	50.0	50.6			101%	78 - 126	6080043	08/02/06 13:15
6080192-BS1								
Acetone	250	258		ug/L	103%	28 - 157	6080192	08/02/06 00:52
Benzene	50.0	51.3		ug/L	103%	78 - 122	6080192	08/02/06 00:52
Bromobenzene	50.0	53.2		ug/L	106%	77 - 122	6080192	08/02/06 00:52
Bromochloromethane	50.0	56.3		ug/L	113%	74 - 130	6080192	08/02/06 00:52
Bromodichloromethane	50.0	53.1		ug/L	106%	71 - 134	6080192	08/02/06 00:52
Bromoform	50.0	47.0		ug/L	94%	44 - 140	6080192	08/02/06 00:52
Bromomethane	50.0	64.9		ug/L	130%	49 - 157	6080192	08/02/06 00:52
2-Butanone	250	283		ug/L	113%	54 - 151	6080192	08/02/06 00:52
sec-Butylbenzene	50.0	46.2		ug/L	92%	75 - 131	6080192	08/02/06 00:52
n-Butylbenzene	50.0	47.8		ug/L	96%	69 - 137	6080192	08/02/06 00:52
tert-Butylbenzene	50.0	44.9		ug/L	90%	74 - 129	6080192	08/02/06 00:52
Carbon disulfide	50.0	48.6		ug/L	97%	64 - 139	6080192	08/02/06 00:52
Carbon Tetrachloride	50.0	53.9		ug/L	108%	63 - 140	6080192	08/02/06 00:52
Chlorobenzene	50.0	53.2		ug/L	106%	83 - 118	6080192	08/02/06 00:52
Chlorodibromomethane	50.0	62.4		ug/L	125%	69 - 128	6080192	08/02/06 00:52
Chloroethane	50.0	53.3		ug/L	107%	57 - 142	6080192	08/02/06 00:52
Chloroform	50.0	54.4		ug/L	109%	72 - 128	6080192	08/02/06 00:52
Chloromethane	50.0	51.6		ug/L	103%	37 - 158	6080192	08/02/06 00:52
2-Chlorotoluene	50.0	56.9		ug/L	114%	74 - 131	6080192	08/02/06 00:52
4-Chlorotoluene	50.0	49.4		ug/L	99%	77 - 128	6080192	08/02/06 00:52
1,2-Dibromo-3-chloropropane	50.0	47.3		ug/L	95%	54 - 130	6080192	08/02/06 00:52
1,2-Dibromoethane (EDB)	50.0	58.3		ug/L	117%	76 - 128	6080192	08/02/06 00:52
Dibromomethane	50.0	53.9		ug/L	108%	74 - 129	6080192	08/02/06 00:52
1,4-Dichlorobenzene	50.0	51.0		ug/L	102%	80 - 119	6080192	08/02/06 00:52
1,3-Dichlorobenzene	50.0	55.0		ug/L	110%	81 - 124	6080192	08/02/06 00:52
1,2-Dichlorobenzene	50.0	55.4		ug/L	111%	82 - 123	6080192	08/02/06 00:52

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080192-BS1								
Dichlorodifluoromethane	50.0	41.2		ug/L	82%	30 - 161	6080192	08/02/06 00:52
1,1-Dichloroethane	50.0	55.2		ug/L	110%	72 - 130	6080192	08/02/06 00:52
1,2-Dichloroethane	50.0	55.5		ug/L	111%	65 - 137	6080192	08/02/06 00:52
cis-1,2-Dichloroethene	50.0	53.8		ug/L	108%	71 - 131	6080192	08/02/06 00:52
1,1-Dichloroethene	50.0	54.7		ug/L	109%	68 - 133	6080192	08/02/06 00:52
trans-1,2-Dichloroethene	50.0	55.5		ug/L	111%	70 - 132	6080192	08/02/06 00:52
1,3-Dichloropropane	50.0	56.0		ug/L	112%	81 - 121	6080192	08/02/06 00:52
1,2-Dichloropropane	50.0	53.0		ug/L	106%	76 - 128	6080192	08/02/06 00:52
2,2-Dichloropropane	50.0	46.2		ug/L	92%	35 - 159	6080192	08/02/06 00:52
cis-1,3-Dichloropropene	50.0	58.4		ug/L	117%	61 - 138	6080192	08/02/06 00:52
trans-1,3-Dichloropropene	50.0	51.4		ug/L	103%	57 - 130	6080192	08/02/06 00:52
1,1-Dichloropropene	50.0	51.7		ug/L	103%	76 - 127	6080192	08/02/06 00:52
Ethylbenzene	50.0	58.4		ug/L	117%	82 - 122	6080192	08/02/06 00:52
Hexachlorobutadiene	50.0	52.1		ug/L	104%	66 - 137	6080192	08/02/06 00:52
2-Hexanone	250	260		ug/L	104%	63 - 138	6080192	08/02/06 00:52
Isopropylbenzene	50.0	45.1		ug/L	90%	75 - 130	6080192	08/02/06 00:52
p-Isopropyltoluene	50.0	51.1		ug/L	102%	76 - 133	6080192	08/02/06 00:52
Methyl tert-Butyl Ether	50.0	57.9		ug/L	116%	65 - 144	6080192	08/02/06 00:52
Methylene Chloride	50.0	53.6		ug/L	107%	74 - 133	6080192	08/02/06 00:52
4-Methyl-2-pentanone	250	295		ug/L	118%	74 - 132	6080192	08/02/06 00:52
Naphthalene	50.0	56.2		ug/L	112%	64 - 144	6080192	08/02/06 00:52
n-Propylbenzene	50.0	45.6		ug/L	91%	76 - 129	6080192	08/02/06 00:52
Styrene	50.0	56.4		ug/L	113%	76 - 130	6080192	08/02/06 00:52
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/L	113%	77 - 128	6080192	08/02/06 00:52
1,1,2,2-Tetrachloroethane	50.0	51.1		ug/L	102%	70 - 129	6080192	08/02/06 00:52
Tetrachloroethene	50.0	53.1		ug/L	106%	77 - 124	6080192	08/02/06 00:52
Toluene	50.0	54.4		ug/L	109%	80 - 120	6080192	08/02/06 00:52
1,2,3-Trichlorobenzene	50.0	60.4		ug/L	121%	69 - 140	6080192	08/02/06 00:52
1,2,4-Trichlorobenzene	50.0	58.9		ug/L	118%	68 - 135	6080192	08/02/06 00:52
1,1,2-Trichloroethane	50.0	56.7		ug/L	113%	83 - 120	6080192	08/02/06 00:52
1,1,1-Trichloroethane	50.0	54.0		ug/L	108%	68 - 135	6080192	08/02/06 00:52
Trichloroethene	50.0	46.9		ug/L	94%	72 - 135	6080192	08/02/06 00:52
Trichlorofluoromethane	50.0	51.6		ug/L	103%	57 - 142	6080192	08/02/06 00:52
1,2,3-Trichloropropane	50.0	49.8		ug/L	100%	68 - 129	6080192	08/02/06 00:52
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	78 - 129	6080192	08/02/06 00:52
1,2,4-Trimethylbenzene	50.0	49.9		ug/L	100%	78 - 126	6080192	08/02/06 00:52
Vinyl chloride	50.0	52.7		ug/L	105%	52 - 143	6080192	08/02/06 00:52
Xylenes, total	150	160		ug/L	107%	81 - 125	6080192	08/02/06 00:52
Surrogate: 1,2-Dichloroethane-d4	50.0	53.0			106%	70 - 130	6080192	08/02/06 00:52
Surrogate: Dibromofluoromethane	50.0	53.4			107%	79 - 122	6080192	08/02/06 00:52
Surrogate: Toluene-d8	50.0	54.9			110%	78 - 121	6080192	08/02/06 00:52

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
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	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6080192-BS1								
Surrogate: 4-Bromofluorobenzene	50.0	49.5			99%	78 - 126	6080192	08/02/06 00:52

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075682-MS1										
Acetone	ND	229		ug/L	250	92%	11 - 157	6075682	NPG2866-01	08/01/06 23:00
Benzene	ND	55.9		ug/L	50.0	112%	74 - 133	6075682	NPG2866-01	08/01/06 23:00
Bromobenzene	ND	53.2		ug/L	50.0	106%	71 - 129	6075682	NPG2866-01	08/01/06 23:00
Bromochloromethane	ND	57.9		ug/L	50.0	116%	73 - 134	6075682	NPG2866-01	08/01/06 23:00
Bromodichloromethane	ND	58.8		ug/L	50.0	118%	67 - 138	6075682	NPG2866-01	08/01/06 23:00
Bromoform	ND	47.4		ug/L	50.0	95%	37 - 140	6075682	NPG2866-01	08/01/06 23:00
Bromomethane	ND	65.9		ug/L	50.0	132%	29 - 171	6075682	NPG2866-01	08/01/06 23:00
2-Butanone	ND	279		ug/L	250	112%	50 - 151	6075682	NPG2866-01	08/01/06 23:00
sec-Butylbenzene	ND	51.9		ug/L	50.0	104%	68 - 139	6075682	NPG2866-01	08/01/06 23:00
n-Butylbenzene	ND	53.9		ug/L	50.0	108%	58 - 146	6075682	NPG2866-01	08/01/06 23:00
tert-Butylbenzene	ND	49.5		ug/L	50.0	99%	67 - 137	6075682	NPG2866-01	08/01/06 23:00
Carbon disulfide	ND	54.1		ug/L	50.0	108%	50 - 147	6075682	NPG2866-01	08/01/06 23:00
Carbon Tetrachloride	ND	65.4		ug/L	50.0	131%	56 - 147	6075682	NPG2866-01	08/01/06 23:00
Chlorobenzene	ND	57.1		ug/L	50.0	114%	79 - 124	6075682	NPG2866-01	08/01/06 23:00
Chlorodibromomethane	ND	63.6		ug/L	50.0	127%	62 - 130	6075682	NPG2866-01	08/01/06 23:00
Chloroethane	ND	59.4		ug/L	50.0	119%	47 - 160	6075682	NPG2866-01	08/01/06 23:00
Chloroform	ND	60.1		ug/L	50.0	120%	71 - 134	6075682	NPG2866-01	08/01/06 23:00
Chloromethane	ND	54.4		ug/L	50.0	109%	22 - 177	6075682	NPG2866-01	08/01/06 23:00
2-Chlorotoluene	ND	60.3		ug/L	50.0	121%	63 - 143	6075682	NPG2866-01	08/01/06 23:00
4-Chlorotoluene	ND	52.2		ug/L	50.0	104%	67 - 139	6075682	NPG2866-01	08/01/06 23:00
1,2-Dibromo-3-chloropropane	ND	42.8		ug/L	50.0	86%	47 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2-Dibromoethane (EDB)	ND	59.0		ug/L	50.0	118%	72 - 133	6075682	NPG2866-01	08/01/06 23:00
Dibromomethane	ND	59.2		ug/L	50.0	118%	70 - 135	6075682	NPG2866-01	08/01/06 23:00
1,4-Dichlorobenzene	ND	53.3		ug/L	50.0	107%	72 - 126	6075682	NPG2866-01	08/01/06 23:00
1,3-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	72 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichlorobenzene	ND	56.7		ug/L	50.0	113%	73 - 131	6075682	NPG2866-01	08/01/06 23:00
Dichlorodifluoromethane	ND	48.1		ug/L	50.0	96%	11 - 182	6075682	NPG2866-01	08/01/06 23:00
1,1-Dichloroethane	ND	59.0		ug/L	50.0	118%	70 - 135	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichloroethane	ND	60.3		ug/L	50.0	121%	62 - 140	6075682	NPG2866-01	08/01/06 23:00
cis-1,2-Dichloroethene	0.940	60.1		ug/L	50.0	118%	67 - 137	6075682	NPG2866-01	08/01/06 23:00
1,1-Dichloroethene	ND	60.8		ug/L	50.0	122%	67 - 139	6075682	NPG2866-01	08/01/06 23:00
trans-1,2-Dichloroethene	ND	62.2		ug/L	50.0	124%	66 - 138	6075682	NPG2866-01	08/01/06 23:00
1,3-Dichloropropane	ND	58.8		ug/L	50.0	118%	76 - 126	6075682	NPG2866-01	08/01/06 23:00
1,2-Dichloropropane	ND	56.4		ug/L	50.0	113%	75 - 131	6075682	NPG2866-01	08/01/06 23:00
2,2-Dichloropropane	ND	61.2		ug/L	50.0	122%	13 - 166	6075682	NPG2866-01	08/01/06 23:00
cis-1,3-Dichloropropene	ND	49.6		ug/L	50.0	99%	53 - 139	6075682	NPG2866-01	08/01/06 23:00
trans-1,3-Dichloropropene	ND	50.6		ug/L	50.0	101%	51 - 130	6075682	NPG2866-01	08/01/06 23:00

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6075682-MS1										
1,1-Dichloropropene	ND	59.5		ug/L	50.0	119%	73 - 134	6075682	NPG2866-01	08/01/06 23:00
Ethylbenzene	ND	64.8		ug/L	50.0	130%	74 - 134	6075682	NPG2866-01	08/01/06 23:00
Hexachlorobutadiene	ND	58.3		ug/L	50.0	117%	52 - 143	6075682	NPG2866-01	08/01/06 23:00
2-Hexanone	ND	261		ug/L	250	104%	58 - 138	6075682	NPG2866-01	08/01/06 23:00
Isopropylbenzene	ND	51.7		ug/L	50.0	103%	69 - 138	6075682	NPG2866-01	08/01/06 23:00
p-Isopropyltoluene	ND	57.7		ug/L	50.0	115%	66 - 141	6075682	NPG2866-01	08/01/06 23:00
Methyl tert-Butyl Ether	ND	55.9		ug/L	50.0	112%	58 - 151	6075682	NPG2866-01	08/01/06 23:00
Methylene Chloride	ND	55.8		ug/L	50.0	112%	69 - 138	6075682	NPG2866-01	08/01/06 23:00
4-Methyl-2-pentanone	ND	271		ug/L	250	108%	66 - 137	6075682	NPG2866-01	08/01/06 23:00
Naphthalene	ND	54.5		ug/L	50.0	109%	47 - 154	6075682	NPG2866-01	08/01/06 23:00
n-Propylbenzene	ND	53.6		ug/L	50.0	107%	67 - 140	6075682	NPG2866-01	08/01/06 23:00
Styrene	ND	60.3		ug/L	50.0	121%	64 - 138	6075682	NPG2866-01	08/01/06 23:00
1,1,1,2-Tetrachloroethane	ND	60.1		ug/L	50.0	120%	10 - 179	6075682	NPG2866-01	08/01/06 23:00
1,1,2,2-Tetrachloroethane	ND	52.4		ug/L	50.0	105%	65 - 134	6075682	NPG2866-01	08/01/06 23:00
Tetrachloroethene	ND	60.2		ug/L	50.0	120%	71 - 132	6075682	NPG2866-01	08/01/06 23:00
Toluene	ND	58.1		ug/L	50.0	116%	73 - 133	6075682	NPG2866-01	08/01/06 23:00
1,2,3-Trichlorobenzene	ND	60.2		ug/L	50.0	120%	57 - 142	6075682	NPG2866-01	08/01/06 23:00
1,2,4-Trichlorobenzene	ND	59.0		ug/L	50.0	118%	56 - 139	6075682	NPG2866-01	08/01/06 23:00
1,1,2-Trichloroethane	ND	59.6		ug/L	50.0	119%	78 - 125	6075682	NPG2866-01	08/01/06 23:00
1,1,1-Trichloroethane	ND	64.2		ug/L	50.0	128%	66 - 142	6075682	NPG2866-01	08/01/06 23:00
Trichloroethene	69.9	130		ug/L	50.0	120%	69 - 140	6075682	NPG2866-01	08/01/06 23:00
Trichlorofluoromethane	ND	63.1		ug/L	50.0	126%	57 - 149	6075682	NPG2866-01	08/01/06 23:00
1,2,3-Trichloropropane	ND	48.8		ug/L	50.0	98%	55 - 138	6075682	NPG2866-01	08/01/06 23:00
1,3,5-Trimethylbenzene	ND	52.6		ug/L	50.0	105%	65 - 140	6075682	NPG2866-01	08/01/06 23:00
1,2,4-Trimethylbenzene	ND	52.7		ug/L	50.0	105%	60 - 143	6075682	NPG2866-01	08/01/06 23:00
Vinyl chloride	ND	58.3		ug/L	50.0	117%	46 - 151	6075682	NPG2866-01	08/01/06 23:00
Xylenes, total	ND	179		ug/L	150	119%	68 - 139	6075682	NPG2866-01	08/01/06 23:00
Surrogate: 1,2-Dichloroethane-d4		55.9		ug/L	50.0	112%	70 - 130	6075682	NPG2866-01	08/01/06 23:00
Surrogate: Dibromofluoromethane		55.4		ug/L	50.0	111%	79 - 122	6075682	NPG2866-01	08/01/06 23:00
Surrogate: Toluene-d8		53.9		ug/L	50.0	108%	78 - 121	6075682	NPG2866-01	08/01/06 23:00
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126	6075682	NPG2866-01	08/01/06 23:00
6080192-MS1										
Acetone	ND	236		ug/L	250	94%	11 - 157	6080192	NPG3165-02	08/02/06 11:11
Benzene	ND	56.3		ug/L	50.0	113%	74 - 133	6080192	NPG3165-02	08/02/06 11:11
Bromobenzene	ND	52.1		ug/L	50.0	104%	71 - 129	6080192	NPG3165-02	08/02/06 11:11
Bromochloromethane	ND	59.9		ug/L	50.0	120%	73 - 134	6080192	NPG3165-02	08/02/06 11:11
Bromodichloromethane	ND	58.7		ug/L	50.0	117%	67 - 138	6080192	NPG3165-02	08/02/06 11:11

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6080192-MS1										
Bromoform	ND	44.6		ug/L	50.0	89%	37 - 140	6080192	NPG3165-02	08/02/06 11:11
Bromomethane	ND	60.8		ug/L	50.0	122%	29 - 171	6080192	NPG3165-02	08/02/06 11:11
2-Butanone	ND	279		ug/L	250	112%	50 - 151	6080192	NPG3165-02	08/02/06 11:11
sec-Butylbenzene	ND	51.3		ug/L	50.0	103%	68 - 139	6080192	NPG3165-02	08/02/06 11:11
n-Butylbenzene	ND	54.3		ug/L	50.0	109%	58 - 146	6080192	NPG3165-02	08/02/06 11:11
tert-Butylbenzene	ND	49.4		ug/L	50.0	99%	67 - 137	6080192	NPG3165-02	08/02/06 11:11
Carbon disulfide	ND	49.9		ug/L	50.0	100%	50 - 147	6080192	NPG3165-02	08/02/06 11:11
Carbon Tetrachloride	ND	62.9		ug/L	50.0	126%	56 - 147	6080192	NPG3165-02	08/02/06 11:11
Chlorobenzene	ND	55.4		ug/L	50.0	111%	79 - 124	6080192	NPG3165-02	08/02/06 11:11
Chlorodibromomethane	ND	59.0		ug/L	50.0	118%	62 - 130	6080192	NPG3165-02	08/02/06 11:11
Chloroethane	ND	50.8		ug/L	50.0	102%	47 - 160	6080192	NPG3165-02	08/02/06 11:11
Chloroform	ND	57.1		ug/L	50.0	114%	71 - 134	6080192	NPG3165-02	08/02/06 11:11
Chloromethane	ND	42.1		ug/L	50.0	84%	22 - 177	6080192	NPG3165-02	08/02/06 11:11
2-Chlorotoluene	ND	58.4		ug/L	50.0	117%	63 - 143	6080192	NPG3165-02	08/02/06 11:11
4-Chlorotoluene	ND	51.3		ug/L	50.0	103%	67 - 139	6080192	NPG3165-02	08/02/06 11:11
1,2-Dibromo-3-chloropropane	ND	45.2		ug/L	50.0	90%	47 - 133	6080192	NPG3165-02	08/02/06 11:11
1,2-Dibromoethane (EDB)	ND	56.0		ug/L	50.0	112%	72 - 133	6080192	NPG3165-02	08/02/06 11:11
Dibromomethane	ND	57.8		ug/L	50.0	116%	70 - 135	6080192	NPG3165-02	08/02/06 11:11
1,4-Dichlorobenzene	ND	54.2		ug/L	50.0	108%	72 - 126	6080192	NPG3165-02	08/02/06 11:11
1,3-Dichlorobenzene	ND	58.0		ug/L	50.0	116%	72 - 133	6080192	NPG3165-02	08/02/06 11:11
1,2-Dichlorobenzene	ND	56.8		ug/L	50.0	114%	73 - 131	6080192	NPG3165-02	08/02/06 11:11
Dichlorodifluoromethane	ND	23.4		ug/L	50.0	47%	11 - 182	6080192	NPG3165-02	08/02/06 11:11
1,1-Dichloroethane	ND	56.5		ug/L	50.0	113%	70 - 135	6080192	NPG3165-02	08/02/06 11:11
1,2-Dichloroethane	ND	55.3		ug/L	50.0	111%	62 - 140	6080192	NPG3165-02	08/02/06 11:11
cis-1,2-Dichloroethene	ND	58.0		ug/L	50.0	116%	67 - 137	6080192	NPG3165-02	08/02/06 11:11
1,1-Dichloroethene	ND	57.6		ug/L	50.0	115%	67 - 139	6080192	NPG3165-02	08/02/06 11:11
trans-1,2-Dichloroethene	ND	56.6		ug/L	50.0	113%	66 - 138	6080192	NPG3165-02	08/02/06 11:11
1,3-Dichloropropane	ND	53.2		ug/L	50.0	106%	76 - 126	6080192	NPG3165-02	08/02/06 11:11
1,2-Dichloropropane	ND	54.1		ug/L	50.0	108%	75 - 131	6080192	NPG3165-02	08/02/06 11:11
2,2-Dichloropropane	ND	69.1		ug/L	50.0	138%	13 - 166	6080192	NPG3165-02	08/02/06 11:11
cis-1,3-Dichloropropene	ND	53.0		ug/L	50.0	106%	53 - 139	6080192	NPG3165-02	08/02/06 11:11
trans-1,3-Dichloropropene	ND	50.1		ug/L	50.0	100%	51 - 130	6080192	NPG3165-02	08/02/06 11:11
1,1-Dichloropropene	ND	56.0		ug/L	50.0	112%	73 - 134	6080192	NPG3165-02	08/02/06 11:11
Ethylbenzene	ND	61.6		ug/L	50.0	123%	74 - 134	6080192	NPG3165-02	08/02/06 11:11
Hexachlorobutadiene	ND	62.4		ug/L	50.0	125%	52 - 143	6080192	NPG3165-02	08/02/06 11:11
2-Hexanone	ND	251		ug/L	250	100%	58 - 138	6080192	NPG3165-02	08/02/06 11:11
Isopropylbenzene	ND	52.9		ug/L	50.0	106%	69 - 138	6080192	NPG3165-02	08/02/06 11:11

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6080192-MS1										
p-Isopropyltoluene	ND	59.3		ug/L	50.0	119%	66 - 141	6080192	NPG3165-02	08/02/06 11:11
Methyl tert-Butyl Ether	ND	58.2		ug/L	50.0	116%	58 - 151	6080192	NPG3165-02	08/02/06 11:11
Methylene Chloride	ND	54.5		ug/L	50.0	109%	69 - 138	6080192	NPG3165-02	08/02/06 11:11
4-Methyl-2-pentanone	ND	278		ug/L	250	111%	66 - 137	6080192	NPG3165-02	08/02/06 11:11
Naphthalene	ND	57.8		ug/L	50.0	116%	47 - 154	6080192	NPG3165-02	08/02/06 11:11
n-Propylbenzene	ND	51.8		ug/L	50.0	104%	67 - 140	6080192	NPG3165-02	08/02/06 11:11
Styrene	ND	52.4		ug/L	50.0	105%	64 - 138	6080192	NPG3165-02	08/02/06 11:11
1,1,1,2-Tetrachloroethane	ND	57.3		ug/L	50.0	115%	10 - 179	6080192	NPG3165-02	08/02/06 11:11
1,1,2,2-Tetrachloroethane	ND	49.3		ug/L	50.0	99%	65 - 134	6080192	NPG3165-02	08/02/06 11:11
Tetrachloroethene	ND	61.4		ug/L	50.0	123%	71 - 132	6080192	NPG3165-02	08/02/06 11:11
Toluene	ND	58.0		ug/L	50.0	116%	73 - 133	6080192	NPG3165-02	08/02/06 11:11
1,2,3-Trichlorobenzene	ND	64.4		ug/L	50.0	129%	57 - 142	6080192	NPG3165-02	08/02/06 11:11
1,2,4-Trichlorobenzene	ND	64.0		ug/L	50.0	128%	56 - 139	6080192	NPG3165-02	08/02/06 11:11
1,1,2-Trichloroethane	ND	54.6		ug/L	50.0	109%	78 - 125	6080192	NPG3165-02	08/02/06 11:11
1,1,1-Trichloroethane	ND	61.0		ug/L	50.0	122%	66 - 142	6080192	NPG3165-02	08/02/06 11:11
Trichloroethene	ND	53.4		ug/L	50.0	107%	69 - 140	6080192	NPG3165-02	08/02/06 11:11
Trichlorofluoromethane	ND	53.5		ug/L	50.0	107%	57 - 149	6080192	NPG3165-02	08/02/06 11:11
1,2,3-Trichloropropane	ND	50.5		ug/L	50.0	101%	55 - 138	6080192	NPG3165-02	08/02/06 11:11
1,3,5-Trimethylbenzene	ND	51.9		ug/L	50.0	104%	65 - 140	6080192	NPG3165-02	08/02/06 11:11
1,2,4-Trimethylbenzene	ND	52.9		ug/L	50.0	106%	60 - 143	6080192	NPG3165-02	08/02/06 11:11
Vinyl chloride	ND	43.8		ug/L	50.0	88%	46 - 151	6080192	NPG3165-02	08/02/06 11:11
Xylenes, total	ND	169		ug/L	150	113%	68 - 139	6080192	NPG3165-02	08/02/06 11:11
Surrogate: 1,2-Dichloroethane-d4		53.3		ug/L	50.0	107%	70 - 130	6080192	NPG3165-02	08/02/06 11:11
Surrogate: Dibromofluoromethane		55.8		ug/L	50.0	112%	79 - 122	6080192	NPG3165-02	08/02/06 11:11
Surrogate: Toluene-d8		53.3		ug/L	50.0	107%	78 - 121	6080192	NPG3165-02	08/02/06 11:11
Surrogate: 4-Bromofluorobenzene		48.6		ug/L	50.0	97%	78 - 126	6080192	NPG3165-02	08/02/06 11:11

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075682-MSD1												
Acetone	ND	263		ug/L	250	105%	11 - 157	14	31	6075682	NPG2866-01	08/01/06 23:28
Benzene	ND	57.8		ug/L	50.0	116%	74 - 133	3	19	6075682	NPG2866-01	08/01/06 23:28
Bromobenzene	ND	53.3		ug/L	50.0	107%	71 - 129	0.2	19	6075682	NPG2866-01	08/01/06 23:28
Bromochloromethane	ND	60.3		ug/L	50.0	121%	73 - 134	4	19	6075682	NPG2866-01	08/01/06 23:28
Bromodichloromethane	ND	59.0		ug/L	50.0	118%	67 - 138	0.3	16	6075682	NPG2866-01	08/01/06 23:28
Bromoform	ND	47.3		ug/L	50.0	95%	37 - 140	0.2	19	6075682	NPG2866-01	08/01/06 23:28
Bromomethane	ND	72.9		ug/L	50.0	146%	29 - 171	10	31	6075682	NPG2866-01	08/01/06 23:28
2-Butanone	ND	290		ug/L	250	116%	50 - 151	4	27	6075682	NPG2866-01	08/01/06 23:28
sec-Butylbenzene	ND	51.0		ug/L	50.0	102%	68 - 139	2	21	6075682	NPG2866-01	08/01/06 23:28
n-Butylbenzene	ND	52.4		ug/L	50.0	105%	58 - 146	3	21	6075682	NPG2866-01	08/01/06 23:28
tert-Butylbenzene	ND	48.4		ug/L	50.0	97%	67 - 137	2	21	6075682	NPG2866-01	08/01/06 23:28
Carbon disulfide	ND	58.2		ug/L	50.0	116%	50 - 147	7	25	6075682	NPG2866-01	08/01/06 23:28
Carbon Tetrachloride	ND	67.2		ug/L	50.0	134%	56 - 147	3	22	6075682	NPG2866-01	08/01/06 23:28
Chlorobenzene	ND	56.3		ug/L	50.0	113%	79 - 124	1	17	6075682	NPG2866-01	08/01/06 23:28
Chlorodibromomethane	ND	62.7		ug/L	50.0	125%	62 - 130	1	16	6075682	NPG2866-01	08/01/06 23:28
Chloroethane	ND	60.6		ug/L	50.0	121%	47 - 160	2	24	6075682	NPG2866-01	08/01/06 23:28
Chloroform	ND	59.1		ug/L	50.0	118%	71 - 134	2	16	6075682	NPG2866-01	08/01/06 23:28
Chloromethane	ND	58.3		ug/L	50.0	117%	22 - 177	7	32	6075682	NPG2866-01	08/01/06 23:28
2-Chlorotoluene	ND	58.7		ug/L	50.0	117%	63 - 143	3	24	6075682	NPG2866-01	08/01/06 23:28
4-Chlorotoluene	ND	51.1		ug/L	50.0	102%	67 - 139	2	18	6075682	NPG2866-01	08/01/06 23:28
1,2-Dibromo-3-chloropropane	ND	44.8		ug/L	50.0	90%	47 - 133	5	21	6075682	NPG2866-01	08/01/06 23:28
1,2-Dibromoethane (EDB)	ND	58.6		ug/L	50.0	117%	72 - 133	0.7	17	6075682	NPG2866-01	08/01/06 23:28
Dibromomethane	ND	58.7		ug/L	50.0	117%	70 - 135	0.8	19	6075682	NPG2866-01	08/01/06 23:28
1,4-Dichlorobenzene	ND	52.7		ug/L	50.0	105%	72 - 126	1	18	6075682	NPG2866-01	08/01/06 23:28
1,3-Dichlorobenzene	ND	56.8		ug/L	50.0	114%	72 - 133	0.7	17	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichlorobenzene	ND	57.2		ug/L	50.0	114%	73 - 131	0.9	16	6075682	NPG2866-01	08/01/06 23:28
Dichlorodifluoromethane	ND	48.4		ug/L	50.0	97%	11 - 182	0.6	34	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloroethane	ND	60.2		ug/L	50.0	120%	70 - 135	2	17	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichloroethane	ND	59.4		ug/L	50.0	119%	62 - 140	2	17	6075682	NPG2866-01	08/01/06 23:28
cis-1,2-Dichloroethene	0.940	62.5		ug/L	50.0	123%	67 - 137	4	20	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloroethene	ND	65.9		ug/L	50.0	132%	67 - 139	8	20	6075682	NPG2866-01	08/01/06 23:28
trans-1,2-Dichloroethene	ND	64.1		ug/L	50.0	128%	66 - 138	3	18	6075682	NPG2866-01	08/01/06 23:28
1,3-Dichloropropane	ND	56.2		ug/L	50.0	112%	76 - 126	5	14	6075682	NPG2866-01	08/01/06 23:28
1,2-Dichloropropane	ND	55.1		ug/L	50.0	110%	75 - 131	2	17	6075682	NPG2866-01	08/01/06 23:28
2,2-Dichloropropane	ND	62.0		ug/L	50.0	124%	13 - 166	1	29	6075682	NPG2866-01	08/01/06 23:28
cis-1,3-Dichloropropene	ND	52.8		ug/L	50.0	106%	53 - 139	6	20	6075682	NPG2866-01	08/01/06 23:28
trans-1,3-Dichloropropene	ND	51.4		ug/L	50.0	103%	51 - 130	2	18	6075682	NPG2866-01	08/01/06 23:28
1,1-Dichloropropene	ND	62.8		ug/L	50.0	126%	73 - 134	5	23	6075682	NPG2866-01	08/01/06 23:28
Ethylbenzene	ND	62.5		ug/L	50.0	125%	74 - 134	4	21	6075682	NPG2866-01	08/01/06 23:28
Hexachlorobutadiene	ND	59.5		ug/L	50.0	119%	52 - 143	2	26	6075682	NPG2866-01	08/01/06 23:28
2-Hexanone	ND	254		ug/L	250	102%	58 - 138	3	18	6075682	NPG2866-01	08/01/06 23:28

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6075682-MSD1												
Isopropylbenzene	ND	50.3		ug/L	50.0	101%	69 - 138	3	21	6075682	NPG2866-01	08/01/06 23:28
p-Isopropyltoluene	ND	55.7		ug/L	50.0	111%	66 - 141	4	21	6075682	NPG2866-01	08/01/06 23:28
Methyl tert-Butyl Ether	ND	60.1		ug/L	50.0	120%	58 - 151	7	28	6075682	NPG2866-01	08/01/06 23:28
Methylene Chloride	ND	59.4		ug/L	50.0	119%	69 - 138	6	19	6075682	NPG2866-01	08/01/06 23:28
4-Methyl-2-pentanone	ND	287		ug/L	250	115%	66 - 137	6	16	6075682	NPG2866-01	08/01/06 23:28
Naphthalene	ND	56.0		ug/L	50.0	112%	47 - 154	3	43	6075682	NPG2866-01	08/01/06 23:28
n-Propylbenzene	ND	48.9		ug/L	50.0	98%	67 - 140	9	21	6075682	NPG2866-01	08/01/06 23:28
Styrene	ND	58.2		ug/L	50.0	116%	64 - 138	4	24	6075682	NPG2866-01	08/01/06 23:28
1,1,1,2-Tetrachloroethane	ND	58.2		ug/L	50.0	116%	10 - 179	3	16	6075682	NPG2866-01	08/01/06 23:28
1,1,2,2-Tetrachloroethane	ND	50.0		ug/L	50.0	100%	65 - 134	5	23	6075682	NPG2866-01	08/01/06 23:28
Tetrachloroethene	ND	60.7		ug/L	50.0	121%	71 - 132	0.8	20	6075682	NPG2866-01	08/01/06 23:28
Toluene	ND	58.6		ug/L	50.0	117%	73 - 133	0.9	20	6075682	NPG2866-01	08/01/06 23:28
1,2,3-Trichlorobenzene	ND	61.6		ug/L	50.0	123%	57 - 142	2	38	6075682	NPG2866-01	08/01/06 23:28
1,2,4-Trichlorobenzene	ND	61.1		ug/L	50.0	122%	56 - 139	3	25	6075682	NPG2866-01	08/01/06 23:28
1,1,2-Trichloroethane	ND	55.6		ug/L	50.0	111%	78 - 125	7	15	6075682	NPG2866-01	08/01/06 23:28
1,1,1-Trichloroethane	ND	64.4		ug/L	50.0	129%	66 - 142	0.3	25	6075682	NPG2866-01	08/01/06 23:28
Trichloroethene	69.9	126		ug/L	50.0	112%	69 - 140	3	21	6075682	NPG2866-01	08/01/06 23:28
Trichlorofluoromethane	ND	66.4		ug/L	50.0	133%	57 - 149	5	23	6075682	NPG2866-01	08/01/06 23:28
1,2,3-Trichloropropane	ND	47.8		ug/L	50.0	96%	55 - 138	2	20	6075682	NPG2866-01	08/01/06 23:28
1,3,5-Trimethylbenzene	ND	51.8		ug/L	50.0	104%	65 - 140	2	23	6075682	NPG2866-01	08/01/06 23:28
1,2,4-Trimethylbenzene	ND	52.0		ug/L	50.0	104%	60 - 143	1	24	6075682	NPG2866-01	08/01/06 23:28
Vinyl chloride	ND	64.1		ug/L	50.0	128%	46 - 151	9	23	6075682	NPG2866-01	08/01/06 23:28
Xylenes, total	ND	172		ug/L	150	115%	68 - 139	4	23	6075682	NPG2866-01	08/01/06 23:28
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6075682	NPG2866-01	08/01/06 23:28
Surrogate: Dibromofluoromethane		56.6		ug/L	50.0	113%	79 - 122			6075682	NPG2866-01	08/01/06 23:28
Surrogate: Toluene-d8		54.8		ug/L	50.0	110%	78 - 121			6075682	NPG2866-01	08/01/06 23:28
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126			6075682	NPG2866-01	08/01/06 23:28
6080192-MSD1												
Acetone	ND	270		ug/L	250	108%	11 - 157	13	31	6080192	NPG3165-02	08/02/06 11:39
Benzene	ND	56.3		ug/L	50.0	113%	74 - 133	0	19	6080192	NPG3165-02	08/02/06 11:39
Bromobenzene	ND	55.2		ug/L	50.0	110%	71 - 129	6	19	6080192	NPG3165-02	08/02/06 11:39
Bromochloromethane	ND	56.4		ug/L	50.0	113%	73 - 134	6	19	6080192	NPG3165-02	08/02/06 11:39
Bromodichloromethane	ND	58.7		ug/L	50.0	117%	67 - 138	0	16	6080192	NPG3165-02	08/02/06 11:39
Bromoform	ND	43.2		ug/L	50.0	86%	37 - 140	3	19	6080192	NPG3165-02	08/02/06 11:39
Bromomethane	ND	65.7		ug/L	50.0	131%	29 - 171	8	31	6080192	NPG3165-02	08/02/06 11:39
2-Butanone	ND	298		ug/L	250	119%	50 - 151	7	27	6080192	NPG3165-02	08/02/06 11:39
sec-Butylbenzene	ND	52.7		ug/L	50.0	105%	68 - 139	3	21	6080192	NPG3165-02	08/02/06 11:39
n-Butylbenzene	ND	55.2		ug/L	50.0	110%	58 - 146	2	21	6080192	NPG3165-02	08/02/06 11:39
tert-Butylbenzene	ND	49.9		ug/L	50.0	100%	67 - 137	1	21	6080192	NPG3165-02	08/02/06 11:39
Carbon disulfide	ND	51.2		ug/L	50.0	102%	50 - 147	3	25	6080192	NPG3165-02	08/02/06 11:39

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6080192-MSD1												
Carbon Tetrachloride	ND	61.7		ug/L	50.0	123%	56 - 147	2	22	6080192	NPG3165-02	08/02/06 11:39
Chlorobenzene	ND	54.9		ug/L	50.0	110%	79 - 124	0.9	17	6080192	NPG3165-02	08/02/06 11:39
Chlorodibromomethane	ND	58.4		ug/L	50.0	117%	62 - 130	1	16	6080192	NPG3165-02	08/02/06 11:39
Chloroethane	ND	55.0		ug/L	50.0	110%	47 - 160	8	24	6080192	NPG3165-02	08/02/06 11:39
Chloroform	ND	56.9		ug/L	50.0	114%	71 - 134	0.4	16	6080192	NPG3165-02	08/02/06 11:39
Chloromethane	ND	44.9		ug/L	50.0	90%	22 - 177	6	32	6080192	NPG3165-02	08/02/06 11:39
2-Chlorotoluene	ND	60.2		ug/L	50.0	120%	63 - 143	3	24	6080192	NPG3165-02	08/02/06 11:39
4-Chlorotoluene	ND	53.4		ug/L	50.0	107%	67 - 139	4	18	6080192	NPG3165-02	08/02/06 11:39
1,2-Dibromo-3-chloropropane	ND	45.8		ug/L	50.0	92%	47 - 133	1	21	6080192	NPG3165-02	08/02/06 11:39
1,2-Dibromoethane (EDB)	ND	55.7		ug/L	50.0	111%	72 - 133	0.5	17	6080192	NPG3165-02	08/02/06 11:39
Dibromomethane	ND	57.9		ug/L	50.0	116%	70 - 135	0.2	19	6080192	NPG3165-02	08/02/06 11:39
1,4-Dichlorobenzene	ND	53.9		ug/L	50.0	108%	72 - 126	0.6	18	6080192	NPG3165-02	08/02/06 11:39
1,3-Dichlorobenzene	ND	57.5		ug/L	50.0	115%	72 - 133	0.9	17	6080192	NPG3165-02	08/02/06 11:39
1,2-Dichlorobenzene	ND	56.4		ug/L	50.0	113%	73 - 131	0.7	16	6080192	NPG3165-02	08/02/06 11:39
Dichlorodifluoromethane	ND	22.9		ug/L	50.0	46%	11 - 182	2	34	6080192	NPG3165-02	08/02/06 11:39
1,1-Dichloroethane	ND	58.3		ug/L	50.0	117%	70 - 135	3	17	6080192	NPG3165-02	08/02/06 11:39
1,2-Dichloroethane	ND	56.9		ug/L	50.0	114%	62 - 140	3	17	6080192	NPG3165-02	08/02/06 11:39
cis-1,2-Dichloroethene	ND	60.3		ug/L	50.0	121%	67 - 137	4	20	6080192	NPG3165-02	08/02/06 11:39
1,1-Dichloroethene	ND	59.0		ug/L	50.0	118%	67 - 139	2	20	6080192	NPG3165-02	08/02/06 11:39
trans-1,2-Dichloroethene	ND	60.7		ug/L	50.0	121%	66 - 138	7	18	6080192	NPG3165-02	08/02/06 11:39
1,3-Dichloropropane	ND	54.8		ug/L	50.0	110%	76 - 126	3	14	6080192	NPG3165-02	08/02/06 11:39
1,2-Dichloropropane	ND	56.8		ug/L	50.0	114%	75 - 131	5	17	6080192	NPG3165-02	08/02/06 11:39
2,2-Dichloropropane	ND	68.8		ug/L	50.0	138%	13 - 166	0.4	29	6080192	NPG3165-02	08/02/06 11:39
cis-1,3-Dichloropropene	ND	55.2		ug/L	50.0	110%	53 - 139	4	20	6080192	NPG3165-02	08/02/06 11:39
trans-1,3-Dichloropropene	ND	52.7		ug/L	50.0	105%	51 - 130	5	18	6080192	NPG3165-02	08/02/06 11:39
1,1-Dichloropropene	ND	58.4		ug/L	50.0	117%	73 - 134	4	23	6080192	NPG3165-02	08/02/06 11:39
Ethylbenzene	ND	62.4		ug/L	50.0	125%	74 - 134	1	21	6080192	NPG3165-02	08/02/06 11:39
Hexachlorobutadiene	ND	59.9		ug/L	50.0	120%	52 - 143	4	26	6080192	NPG3165-02	08/02/06 11:39
2-Hexanone	ND	264		ug/L	250	106%	58 - 138	5	18	6080192	NPG3165-02	08/02/06 11:39
Isopropylbenzene	ND	52.5		ug/L	50.0	105%	69 - 138	0.8	21	6080192	NPG3165-02	08/02/06 11:39
p-Isopropyltoluene	ND	59.0		ug/L	50.0	118%	66 - 141	0.5	21	6080192	NPG3165-02	08/02/06 11:39
Methyl tert-Butyl Ether	ND	61.9		ug/L	50.0	124%	58 - 151	6	28	6080192	NPG3165-02	08/02/06 11:39
Methylene Chloride	ND	56.3		ug/L	50.0	113%	69 - 138	3	19	6080192	NPG3165-02	08/02/06 11:39
4-Methyl-2-pentanone	ND	295		ug/L	250	118%	66 - 137	6	16	6080192	NPG3165-02	08/02/06 11:39
Naphthalene	ND	58.6		ug/L	50.0	117%	47 - 154	1	43	6080192	NPG3165-02	08/02/06 11:39
n-Propylbenzene	ND	53.6		ug/L	50.0	107%	67 - 140	3	21	6080192	NPG3165-02	08/02/06 11:39
Styrene	ND	51.7		ug/L	50.0	103%	64 - 138	1	24	6080192	NPG3165-02	08/02/06 11:39
1,1,1,2-Tetrachloroethane	ND	54.5		ug/L	50.0	109%	10 - 179	5	16	6080192	NPG3165-02	08/02/06 11:39
1,1,2,2-Tetrachloroethane	ND	52.1		ug/L	50.0	104%	65 - 134	6	23	6080192	NPG3165-02	08/02/06 11:39
Tetrachloroethene	ND	59.3		ug/L	50.0	119%	71 - 132	3	20	6080192	NPG3165-02	08/02/06 11:39
Toluene	ND	57.6		ug/L	50.0	115%	73 - 133	0.7	20	6080192	NPG3165-02	08/02/06 11:39

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6080192-MSD1												
1,2,3-Trichlorobenzene	ND	63.9		ug/L	50.0	128%	57 - 142	0.8	38	6080192	NPG3165-02	08/02/06 11:39
1,2,4-Trichlorobenzene	ND	64.7		ug/L	50.0	129%	56 - 139	1	25	6080192	NPG3165-02	08/02/06 11:39
1,1,2-Trichloroethane	ND	55.4		ug/L	50.0	111%	78 - 125	1	15	6080192	NPG3165-02	08/02/06 11:39
1,1,1-Trichloroethane	ND	60.8		ug/L	50.0	122%	66 - 142	0.3	25	6080192	NPG3165-02	08/02/06 11:39
Trichloroethene	ND	52.0		ug/L	50.0	104%	69 - 140	3	21	6080192	NPG3165-02	08/02/06 11:39
Trichlorofluoromethane	ND	54.7		ug/L	50.0	109%	57 - 149	2	23	6080192	NPG3165-02	08/02/06 11:39
1,2,3-Trichloropropane	ND	52.8		ug/L	50.0	106%	55 - 138	4	20	6080192	NPG3165-02	08/02/06 11:39
1,3,5-Trimethylbenzene	ND	53.1		ug/L	50.0	106%	65 - 140	2	23	6080192	NPG3165-02	08/02/06 11:39
1,2,4-Trimethylbenzene	ND	54.0		ug/L	50.0	108%	60 - 143	2	24	6080192	NPG3165-02	08/02/06 11:39
Vinyl chloride	ND	47.3		ug/L	50.0	95%	46 - 151	8	23	6080192	NPG3165-02	08/02/06 11:39
Xylenes, total	ND	171		ug/L	150	114%	68 - 139	1	23	6080192	NPG3165-02	08/02/06 11:39
Surrogate: 1,2-Dichloroethane-d4		55.1		ug/L	50.0	110%	70 - 130			6080192	NPG3165-02	08/02/06 11:39
Surrogate: Dibromofluoromethane		54.8		ug/L	50.0	110%	79 - 122			6080192	NPG3165-02	08/02/06 11:39
Surrogate: Toluene-d8		53.4		ug/L	50.0	107%	78 - 121			6080192	NPG3165-02	08/02/06 11:39
Surrogate: 4-Bromofluorobenzene		50.5		ug/L	50.0	101%	78 - 126			6080192	NPG3165-02	08/02/06 11:39

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NPG2866
	1431 Centerpoint Blvd., Suite 150	Project Name:	Former Taylor Instruments
	Knoxville, TN 37932-1968	Project Number:	3031052006.04
Attn	Joe Deatherage	Received:	07/22/06 08:00

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG2866

Cooler Received/Opened On July 22, 2006 @ 0930

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 6875

(Fedex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 0.5 **Degrees Celsius**
(indicate IR Gun ID#)

NA A00466 (A00750) A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...(NO)..NA

a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO..(NA)

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JM

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)..NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES..(NO)..NA

11. Did all container labels and tags agree with custody papers?..... (YES)..NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES..(NO)..NA

Sample times were not recorded on the labels.

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JM

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)..NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO..(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JM

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)..NO...NA

17. Were correct containers used for the analysis requested?..... (YES)..NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JM

I certify that I attached a label with the unique LIMS number to each container (intial)..... JM

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated (YES) NO # 38473

BIS = Broken in shipment

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? (Yes) No
Enforcement Action? Yes No

Client Name/Account #: MACTEC
Address: 1431 Centerpoint Blvd, STE 150
City/State/Zip: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-531-1922 Fax No.:
Sampler Name: (Print) Joe Deatherage
Sampler Signature: Joe Deatherage

Report To: Joe Deatherage
P.O. #
TA Quote #:
Project ID: Former Taylor Instruments
Project #: 30310520006.04

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs 8260	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
OB-05	7-21	0855	3	X					X						X						X		X		
OB-06	↓	0955	3	X					X						X						X		X		
OB-08	↓	1110	3	X					X						X						X		X		

-1
-2
-3

NPG2866
08/07/06 23:59

Special Instructions: P.O.# & Quote # will be provided on 7/24/06

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Deatherage	7-21-06	1700			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
			JL	7-22-06	0930

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

Jul. 21. 2006 11:40AM No. 7889 P. 2/2

1 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - New York State

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: Joe Deatherage

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Joe Deatherage

Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments

Project #: 30310520006.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: _____ PO#: _____

TAT: X Standard; ___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other

Preservation & # of Containers: HNO_3, HCl, NaOH, H_2SO_4, Methanol, None, Other (Specify)

Analyze For: VOCs 8260 — NPG2765 — 08/04/06 23:59

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HCl	VOCs 8260	REMARKS
QATB01	7-18	0940	G		GW	X	3 NPG 2765-1	trip blank
QAFB01		0950				X	3 2	
QARB01		0955				X	3 3	
TW-04		1055				X	3 4	
TW-17		1135				X	3 5	
TW-20		1420				X	3 6	
TW-07		1505				X	3 7	
TW-09		1610				X	3 8	
OB-09		1700				X	3 9	
BR-08	7-19	0920				X	3 10	

Special Instructions: Quote # & PO # to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By: 7.21.06	Date: 8:00	Time: 1.6°C	

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? Compliance Monitoring: Yes - New York State

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: Joe Deatherage

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Joe Deatherage

Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments

Project #: 303105 2000.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: _____ PO#: _____

TAT: X Standard; ___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260	QC Deliverables	REMARKS
OB-07	7-19	1055	G		GW		X						3		matrix spike
OB-07 (MS)		1100					X						3		matrix spike
OB-07 (MSD)		1105					X						3		
W-5		1400					X						3		
W-5 (DUP)		1405					X						3		
BR-01		1505					X						3		
BR-03		1625					X						3		
BR-07		1720					X						3		
BR-07 (DUP)		1725					X						3		
BR-02		1815					X						3		

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

Special Instructions: Quote # & PO # to be provided on 7/24/06

Relinquished By: Joe Deatherage	7-20-06	1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: 7-21-06	8:00	1.6°C

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

Custody Seals: Y N N/A

Bottles Supplied by Test America: Y N

Method of Shipment:

1 of 2

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring — Yes - New York State

NPG2719
08/04/06 23:59

Client Name: [illegible] Client #: [illegible]
Address: [illegible]
City/State/Zip Code: [illegible]
Project Manager: Joe Deatherage
Telephone Number: [illegible] Fax: [illegible]
Sampler Name: (Print Name) Thomas W. Williamson (TRW)
Sampler Signature: Thomas W. Williamson

Project Name: Former Taylor Instruments
Project #: 303105200G.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: PO#:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260	QC Deliverables	REMARKS
QATB02	7-19	1835	G		GW		X						3	NPG2719-01	Trip Blank
BR-04	7-20	0805					X						3	2	
BR-05		0845					X						3	3	
BR-05(MS)		0850					X						3	4	Matrix Spike
BR-05 (MSD)		0855					X						3	5	Matrix Spike
QARB02		0915					X						3	6	
QAFB02		0920					X						3	7	
BR-09		0940					X						3	8	
BR-10		1050					X						3	9	
BR-11		1130					X						3	10	

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ___

Special Instructions: Quote # & PO# to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 7/21/06	Time: 8:10

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 0.2
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring — Yes - New York

Client Name: _____ Client #: _____

Address: _____

City/State/Zip Code: _____

Project Manager: _____

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) Thomas Williams (TW)

Sampler Signature: Thomas R. Williams

Project Name: Former Taylor Instruments

Project #: 303105200G.04

Site/Location ID: _____ State: NY

Report To: Joe Deatherage

Invoice To: _____

Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)

Date Needed: _____

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260								QC Deliverables	REMARKS
BR-15 7-20	~~7-20~~	1420	G		GW		X						3						N	PG-2719-11		
BR-17	7-20	1525	G				X						3								12	
OB-04	7-20	1625	G				X						3								13	

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

REMARKS

Special Instructions: Quote# & PO# to be provided on 7/24/06

Relinquished By: Joe Deatherage	Date: 7-20-06	Time: 1730	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date: 7/21/06	Time: 8:10	

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: -0.2
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? (Yes) No
Enforcement Action? Yes No

Client Name/Account #: MACTEC
Address: 1431 Centerpoint Blvd, STE 150
City/State/Zip: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-531-1922 Fax No.:
Sampler Name: (Print) Joe Deatherage
Sampler Signature: Joe Deatherage

Report To: Joe Deatherage
P.O. #
TA Quote #:
Project ID: Former Taylor Instruments
Project #: 30310520006.04

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs 8260	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
OB-05	7-21	0855	3	X					X						X						X		X		
OB-06	↓	0955	3	X					X						X						X		X		
OB-08	↓	1110	3	X					X						X						X		X		

-1
-2
-3

NPG2866
08/07/06 23:59

Special Instructions: P.O.# & Quote # will be provided on 7/24/06

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Deatherage	7-21-06	1700			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
			JL	7-22-06	0930

Laboratory Comments:
Temperature Upon Receipt:
VOCs Free of Headspace? Y N

Jul. 21. 2006 11:40AM No. 7889 P. 2/2

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC
Client #: 4497
Address: 1431 Centerpoint Blvd., STE 150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-694-2998
Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID:
State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 121102-217-499
PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs x260	Sulfate (300)	Sulfide (376.1)	methane/ethane/ethene (RSK)	TOC (415.1)	Chloride (300)	Iron II (Ferrous) (3500)	CO2 (Static)	Nitrate (300)	Alkalinity (310.1)	QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:	REMARKS
DF-09	12-5-06	1215	G		GW								X	X	X	X	X	X	X	X	X	X		-01
W-5	12-5-06	1515	G										X	X	X	X	X	X	X	X	X	X		-02
TW-07	12-5-06	1625	G		↓								X	X	X	X	X	X	X	X		X		-03
																								TB-04

NPL0656
12/20/06 23:59

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:

	Date	Time		Date	Time
Relinquished By: Joe Deatherage	12-5-06	1715	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received By:	12/6/06	8:00

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC Client #: 4917
Address: 1431 Centerpoint Blvd, STE 150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-414-0351 Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 3031052008.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 121102-27-199 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Nitrate/Nitrite/Chloride/H_2SO_4	VOCs (8260)	TOC (415.1)	CO2 (RSK)	Methane/Ethane/Ethene by RSK175	Total Iron/Manganese by 6010	Dissolved Iron/Manganese by 6010 - Lab Filtered	Sulfide (376.1)	TDS (160.1)	Ferrous Iron (3500)	Alkalinity (310.1)	QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:	REMARKS
UF-U4	12/06/06	1435	G		GW								X	X	X	X	X	X	X	X	X	X	X		lab filtered dissolved iron
UB-U8	↓	1620	G		GW								X	X	X	X	X	X	X	X	X	X	X		↓

NPL0840
12/21/06 23:59

Special Instructions: Unable to keep bubbles out of the 40-ml vials

Relinquished By: Joe Deatherage	Date: 12-6-06	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/7/06	Time: 8:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: MACTEC Client #: 4997
Address: 1431 Centerpoint Blvd, STE150
City/State/Zip Code: Knoxville, TN 37932
Project Manager: Joe Deatherage
Telephone Number: 865-414-0351 Fax:
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 3031052000.04
Site/Location ID: State: NY
Report To: Joe Deatherage
Invoice To:
Quote #: 121102-217-199 PO#: 52196

NPL0931
12/21/06 23:59

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260	Sulfate (300)	Sulfide (376.1)	Methane/ethane/ethene (8015)	TOC (415.1)	Chloride (300)	Iron II (ferrous) 3500	COD (4500C)	Nitrate (300)	Alkalinity (310.1)	REMARKS
TW-17	12-6-06	0820	G		GW								X	X	X	X	X	X	X	X	X	X	01
TW-20	↓	0930	G		GW								X	X	X	X	X	X	X	X	X	X	2
TW-09	↓	1045	G		GW								X	X	X	X	X	X	X	X	X	X	3

QC: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:

Special Instructions:

Relinquished By: Joe Deatherage	Date: 12-6-06	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/7/06	Time: 8:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: -1-L
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

New Cake

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? Compliance Monitoring: Yes - NY

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 21U2-317-129 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260)	Alkalinity (310.1)	COD (410.4)	Chloride (300)	Nitrate/Nitrite (300)	Nitrate (300)	Sulfide (376.1)	TOC (415.1)	Ferrous Iron	QC Deliverables: None / X Level 2 (Batch QC) / Level 3 / Level 4 / Other:	REMARKS
BR-15	12-10-06	1340	G		GW								X										-01
BR-17		1030											X										-02
DB-06		1140											X										-03
~~BR-W2~~ DB-07	12-11-06	~~1400~~ 0905											X	X	X	X	X	X	X	X	X		-04
~~DB-07~~ W-2	12-10-06	1400	G											X	X	X							-05

NPL1575
12/27/06 23:59

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date:	Time:		Date:	Time:
Relinquished By: Joe Deatherage	12-11-06	1400	Received By:		
Relinquished By:	Date:	Time:	Received By:	Date: 12/12/06	Time: 8:30
Relinquished By:	Date:	Time:			

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
~~Compliance Monitoring~~ Yes - NY

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-199 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260		QC Deliverables	REMARKS
BR-07	12-8-06	0925	G		GW								X	01		
BR-07 (DUP)		0930											X	10		
QATB01		0940											X	11		Trip Blank
QAFB01		0945											X	12		
QARB01		0950											X	13		
BR-06		1045											X	14		
BR-03		1140											X	15		
BR-01		1350											X	16		
BR-02		1500											X	17		
BR-10		1615											X	18		

QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

Special Instructions:

	Date:	Time:		Date:	Time:
Relinquished By: Joe Deatherage	12-11-06	1400	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received By:	12/12/06	0830

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 08
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

NPL1647
12/27/06 23:59

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303052006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-199 PO#: 52196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs 8260										QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____ — REMARKS
BR-04	12-9-06	0930	G		GW								X		01								
QAFB02	"	0955	"		"								X		02								
BR-05		1040											X										
BR-05 (MS)		1045											X		03								Matrix Spike
BR-05 (MSD)		1050											X										Matrix Spike
QARB02		1110											X		04								
BR-08		1210											X		05								
BR-09		1415											X		06								
BR-11		1505											X		07								
BR-11 (DUP)		1510											X		08								

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 6.8
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By: Joe Deatherage	Date: 12-11-06	Time: 1400	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/12/06	Time: 830

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: Yes - NY

Client Name: _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30302006.04
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: 121102-217-1999 PO#: ~~[illegible]~~ 2196

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs x 360	Alkalinity (310.1)	CO_2 (4500C)	Chloride (300)	Methane/Ethane/Ethene (RSK)	Nitrate (300)	Sulfate (300)	Sulfide (376.1)	TOC (415.1)	Ferrous Iron	QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____ — REMARKS	
QATB02	12-9-06	0835	X		GW								X										Trip Blank	-06
~~MW~~ OB-07 (MS)	12-11-06	0905	X		↓								X										Matrix Spike	-04
OB-07 (MSD)	12-11-06	0910	X		↓								X										Matrix Spike	-04
TW-04	12-11-06	1025	X		↓								X	X	X	X	X	X	X	X	X	X		-07
																								TB-2
																								-08

NPL 1575

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By: Joe Deatherage	Date: 12-11-06	Time: 1400	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 12/12/06	Time: 8:30

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: QAFB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0950 END 0955

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: ____ FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: ____ IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0958 Collect sample QAFB01 from DI water (field blank)

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: @AFB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0920 END 0925

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: _____ FT

WELL DEPTH: _____ FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: _____ IN

FINAL DEPTH TO WATER: _____ FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: _____ L/MIN

BEGIN PURGING: _____

END PURGING: _____

TOTAL VOL. PURGED: _____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

Field Blank collected @ 0920 for VOCs 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7/18/08

SITE ID: GA RB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0955 END ~~0945~~ 1000

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: _____ FT

WELL DEPTH: _____ FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: _____ IN

FINAL DEPTH TO WATER: _____ FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: _____ L/MIN

BEGIN PURGING: _____

END PURGING: _____

TOTAL VOL. PURGED: _____ GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Contreras

NOTES

Rinse Blank Collected off rebar @ 0955 for 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: QARB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0915 END 0920

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: _____ FT

WELL DEPTH: _____ FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: _____ IN

FINAL DEPTH TO WATER: _____ FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: _____ L/MIN

BEGIN PURGING: _____

END PURGING: _____

TOTAL VOL. PURGED: _____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

Rinse Blank collected off tubing @ 0915 for 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: QATB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0940 END 0945

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: ____ FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: ____ IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

Trip Blank @ 0940 for 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: QATB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1835 END 1840

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: ____ FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: ____ IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

WELL INTEGRITY:	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
☒ PERISTALTIC	☐ TEFLON OR TEFLON LINED	☐ POLYVINYL CHLORIDE	☐ TEFLON
☐ SUBMERSIBLE	☒ HIGH DENSITY POLYETHYLENE	☐ STAINLESS STEEL	☐ OTHER _____
☐ OTHER _____	☐ OTHER _____	☐ OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: Joe Leathers

NOTES

Trip Blank @ 1835 for 8260

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: OB-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1345 END 1625

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 3.60 FT

WELL DEPTH: 16.45 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 4.16 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.20 L/MIN

BEGIN PURGING: 1605

END PURGING: 1623

TOTAL VOL. PURGED: 0.92 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (Horiba / downgrd)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1610	0.965	7.83	0.482	49.0	0.25 / 0.43	20.83	-212	191 ml/min
1613	1.54	7.51	0.435	56.5	0 / 0.52	20.93	-181	196 ml/min
1616	2.14	7.39	0.401	54.0	0 / 0.59	21.16	-169	200 ml/min
1619	2.74	7.37	0.397	52.8	0 / 0.55	21.43	-164	200 ml/min
1623	3.52	7.44	0.397	47.4	0 / 0.50	21.37	-173	194 ml/min
1625		Collect Sample OB-04 For 8260B						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1610 DTW = 3.91
1613 DTW = 3.98
1616 DTW = 4.03
1619 DTW = 4.09
1623 DTW = 4.11

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-21-06

SITE ID: OB-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0816 END 0855

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER	5.39 FT	WELL DEPTH	17.34 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	6.11 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.19 L/MIN

BEGIN PURGING: 0825

END PURGING: 0858

TOTAL VOL. PURGED: 1.41 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

hr:hr | decimal

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)		TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0828	1.04	7.56	2.29	0.5	8.41	7.16	19.10	49	208 ml/min
0831	1.75	7.55	2.28	0.6	8.18	7.12	19.38	28	238 ml/min
0834	2.25	7.55	2.24	0.7	8.03	6.88	20.00	-1	167 ml/min
0838	2.92	7.59	2.24	0.6	8.05	6.74	19.93	-16	167 ml/min
0842	3.61	7.62	2.22	1.3	7.99	6.56	19.97	-22	174 ml/min
0845	4.15	7.63	2.22	1.8	8.02	6.36	19.98	-22	182 ml/min
0848	4.70	7.63	2.22	2.7	7.87	6.32	19.96	-27	182 ml/min
0852	5.43	7.63	2.22	2.7	7.98	6.34	19.97	-27	182 ml/min
0855		Collect Sample OB-05 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER _____
[ ] OTHER _____	[ ] OTHER _____	[ ] OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: _____

NOTES

0828 DTW = 5.61
0831 DTW = 5.72
0834 DTW = 5.79
0838 DTW = 5.86
0842 DTW = 5.93
0845 DTW = 5.99
0848 DTW = 6.03
0852 DTW = 6.08

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-21-06

SITE ID: OB-06

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0925 END 0958

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 3.39 FT

WELL DEPTH: 10.45 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 5.36 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

PURGE RATE: 0.19 L/MIN

BEGIN PURGING: 0933

END PURGING: 0954

TOTAL VOL. PURGED: 1.01 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba | Quanta

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0938	1.00	7.85 ~~4.48~~	0.90	8.6	8.42 | 4.48	19.30	35	200 ml/min
0941	1.63	7.77	0.555	10.9	6.38 | 4.93	19.59	28	210 ml/min
0944	2.13	7.77	0.553	11.2	5.98 | 4.67	20.06	28	167 ml/min
0948	2.84	7.82	0.550	14.0	5.84 | 5.00	20.08	6	177 ml/min
0951	3.57	7.85	0.546	18.2	5.73 | 4.93	20.10	-34	177 ml/min
0954	3.90	7.89	0.541	17.3	5.67 | 4.98	20.17	-46	177 ml/min
0955		Collect Sample OB-06 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0938 DTW = 4.44

0941 DTW = 4.79

0944 DTW = 4.97

0948 DTW = 5.11

0951 DTW = 5.21

0954 DTW = 5.30

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: OB-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1017 END 1105

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: 0 FT

INITIAL DEPTH TO WATER: 4.40 FT

WELL DEPTH: 20.01 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 5.72 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.24 L/MIN

BEGIN PURGING: 1018

END PURGING: 1050

TOTAL VOL. PURGED: 1.98 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba / diamond)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1022	0.94	8.07	1.60	19.9	4.54 / 1.07	17.01	18	235 ml/min
1025	1.66	7.86	1.60	36.5	1.19 / 1.43	17.26	-1	241 ml/min
1028	2.35	7.78	1.59	54.6	0.83 / 1.57	17.87	-19	230 ml/min
1031	3.01	7.79	1.58	70.3	0.70 / 1.34	17.87	-40	241 ml/min
1034	3.70	7.91	1.53	75.0	0.57 / 0.90	17.99	-53	230 ml/min
1036	4.16	8.09	1.38	81.7	0.45 / 0.76	17.85	-57	232 ml/min
1039	4.85	8.20	1.22	90.0	0.39 / 0.65	17.92	-43	230 ml/min
1041	5.34	8.24	1.22	76.4	0.42 / 0.51	18.09	-29	244 ml/min
1044	6.09	8.25	1.25	78.5	0.40 / 0.46	17.91	-19	244 ml/min
1047	6.80	8.25	1.27	79.5	0.32 / 0.41	17.97	-39	241 ml/min
1050	7.53	8.24	1.31	83.9	0.30 / 0.36	17.91	-43	244 ml/min
1055		Collect	Sample	OB-07	for 8260			
1100		"	"	OB-07	(MS) - matrix spike			
1105		"	"	OB-07	(MSD) - matrix spike duplicate			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1022 DTW = 5.39
1025 " = 5.64
1028 " = 5.63
1031 " = 5.59
1034 " = 5.60
1036 " = 5.63
1039 " = 5.65
1041 " = 5.68
1044 " = 5.70
1047 " = 5.72
1050 " = 5.74

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event
DATE: 7-21-06
SITE ID: OB-08
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1034 END 1110
JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER
PROTECTIVE CASING STICKUP (FROM GROUND): FT
PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER	6.30 FT	WELL DEPTH	24.85 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	7.78 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	1.48 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.18 L/MIN
BEGIN PURGING: 1040
END PURGING: ~~1110~~ 1108
TOTAL VOL PURGED: ~~4.58~~ 1.19 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) horiba / (downhole)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1044	0.94	7.53	1.05	9.7	1.34 / 1.26	17.88	76	235 ml/min
1048	1.61	7.33	1.04	7.6	0.82 / 1.32	18.57	70	165 ml/min
1052	2.26	7.29	1.04	7.4	2.35 / 1.92	18.87	42	161 ml/min
1055	2.74	7.27	1.02	34.1	2.31 / 1.79	19.02	29	161 ml/min
1059	3.41	7.46	1.02	28.8	2.26 / 1.67	18.80	16	167 ml/min
1102	3.91	7.51	1.03	33.2	2.23 / 1.78	18.78	-6	167 ml/min
1106	4.58	7.53	1.03	33.6	2.17 / 1.67	18.97	-23	167 ml/min
1110		Collect Sample OB-08 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [X] PERISTALTIC [ ] SUBMERSIBLE [ ] OTHER
TYPE OF TUBING: [ ] TEFLON OR TEFLON LINED [X] HIGH DENSITY POLYETHYLENE [ ] OTHER
TYPE OF PUMP MATERIAL: [ ] POLYVINYL CHLORIDE [ ] STAINLESS STEEL [ ] OTHER
TYPE OF BLADDER MATERIAL (if applicable): [ ] TEFLON [ ] OTHER

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1044 DTW=7.31
1048 DTW=7.49
1052 DTW =7.57
1055 DTW =7.64
1059 DTW = 7.69
1102 DTW = 7.73
1106 DTW = 7.75

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: OB-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1435 END 1700

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 7.80 FT

WELL DEPTH: 23.3 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.24 L/MIN

BEGIN PURGING: 1640

END PURGING: ~~1700~~ 1655

TOTAL VOL. PURGED: 0.93 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba / dumont)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1643	~~1.24~~ 0.84	~~7.80~~ 7.74	1.20	10.8	0 / 0.41	16.88	57	281 ml/min
1646	1.66	7.63	1.20	16.6	0 / 0.52	16.93	50	273 ml/min
1649	2.26	7.48	1.21	22.5	0 / 0.34	17.21	40	260 ml/min
1652	2.91	7.49	1.22	24.7	0 / 0.31	16.80	30	215 ml/min
1655	3.56	7.52	1.21	21.4	0 / 0.30	16.96	25	271 ml/min
1700		Collect	Sample	OB-09	for 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1643 DTW = 8.75
1646 DTW = 9.00
1649 DTW = 9.01
1652 DTW = 9.05
1655 DTW = 9.05

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 1st Semi-Annual Sampling Event

DATE: 9-18-06

SITE ID: TW-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1030 END 1055

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 10.29 FT

WELL DEPTH: 20.72 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 13.32 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

DRAWDOWN: 3.03 FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.26 L/MIN

BEGIN PURGING: 1037

END PURGING: 1051

TOTAL VOL. PURGED: 0.93 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1041	1.08	7.68	1.23	4.6	1.15	15.86	64	269 ml/min
1045	2.10	7.34	1.17	5.2	2.06	15.64	75	256 ml/min
1048	2.81	7.31	1.14	6.1	2.10	15.70	77	246 ml/min
1051	3.58	7.25	1.12	7.6	1.89	15.70	76	246 ml/min
1055		Collect Sample TW-04 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Denton

NOTES

1041 DTW = 11.69
1045 DTW = 12.46
1048 DTW = 12.87
1051 DTW = 13.16

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: TW-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1445 END

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: -- FT

INITIAL DEPTH TO WATER: 9.86 FT

WELL DEPTH: 20.72 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 10.82 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

DRAWDOWN: 0.96 FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

PURGE RATE: 0.27 L/MIN

BEGIN PURGING: 1450

END PURGING: 1502

TOTAL VOL. PURGED: 0.84 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba / downwell)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1454	1.23	7.55	1.62	7.7	4.47 / 0.59	15.72	90	307 ml/min
1457	2.06	7.49	1.60	8.9	3.29 / 0.55	15.97	74	278 ml/min
1459	2.55	7.41	1.59	12.0	3.35 / 0.53	16.14	67	242 ml/min
1502	3.25	7.39	1.59	13.2	1.09 / 0.54	16.18	81	233 ml/min
1505		Collect sample		TW-07	for 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER

PURGE OBSERVATIONS

SIGNATURE: Joe Deatley

NOTES

1454 = 10.29
1457 = 10.45
1459 = 10.54
1502 = 10.66

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: TW-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1532 END 1610

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER: 11.27 FT

WELL DEPTH: 17.70 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 11.57 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.30 FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.21 L/MIN

BEGIN PURGING: 1541

END PURGING: 1607

TOTAL VOL. PURGED: 1.42 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
				horiba	diamell			
1546	1.14	7.72	1.19	19	8.73 2.74	18.00	78	227 ml/min
1548	1.58	7.62	1.19	3.0	7.77 2.20	18.02	77	225 ml/min
1551	2.23	7.55	1.18	5.3	7.23 2.94	18.05	75	215 ml/min
1554	2.81	7.52	1.19	3.1	6.55 2.90	18.06	68	206 ml/min
1557	3.45	7.55	1.19	3.4	5.53 2.53	18.07	69	202 ml/min
1600	4.06	7.61	1.19	3.4	5.01 2.51	18.09	67	195 ml/min
1604	4.87	7.68	1.21	3.3	4.63 2.82	17.98	63	202 ml/min
1607	5.47	7.71	1.20	3.6	4.49 2.52	18.24	61	202 ml/min
1610		Collect	Sample	TW-09	For 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [X] PERISTALTIC [ ] SUBMERSIBLE [ ] OTHER

TYPE OF TUBING: [ ] TEFLON OR TEFLON LINED [X] HIGH DENSITY POLYETHYLENE [ ] OTHER

TYPE OF PUMP MATERIAL: [ ] POLYVINYL CHLORIDE [ ] STAINLESS STEEL [ ] OTHER

TYPE OF BLADDER MATERIAL (if applicable): [ ] TEFLON [ ] OTHER

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1546 DTW = 11.45
1548 DTW = 11.50
1551 DTW = 11.53
1554 DTW = 11.54
1557 DTW = 11.54
1600 DTW = 11.57
1604 DTW = 11.57
1607 DTW = 11.57

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE:

SITE ID: TW-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1114 END 1135

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER: 7.81 FT

WELL DEPTH: 17.45 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.71 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

DRAWDOWN: 0.90 FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.29 L/MIN

BEGIN PURGING: 1121

END PURGING: 1135

TOTAL VOL. PURGED: 1.04 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) [horiba / Rennwe]	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1124	0.91	7.55	1.13	4.8	2.35 / 2.73	15.71	80	305 ml/min
1127	1.76	7.42	1.13	4.9	1.95 / 2.63	15.74	79	952 ml/min
1130	2.59	7.33	1.13	6.4	2.02 / 2.69	15.66	77	277 ml/min
1132	3.15	7.32	1.13	7.7	2.18 / 2.81	15.54	74	282 ml/min
1135	4.0	7.33	1.13	8.7	2.58 / 2.79	15.60	71	282 ml/min
1135		Collect Sample TW-17 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER

PURGE OBSERVATIONS

SIGNATURE: Joe Deathridge

NOTES

1124 DTW = 8.54

1127 DTW = 8.62

1130 DTW = 8.67

1132 DTW = 8.09

1135 DTW = 8.71

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-18-06

SITE ID: TW-20

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1345 END 1420

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: [illegible] FT

INITIAL DEPTH TO WATER: 11.98 FT

WELL DEPTH: 1722 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.71 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.79 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.26 L/MIN

BEGIN PURGING: 1351

END PURGING: 1418

TOTAL VOL. PURGED: 1.80 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (Acceptable / decreasing)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1355	1.08	7.58	1.14	4.5	1.23 / 1.58	15.88	125	200 ml/min
1358	1.90	7.16	1.14	5.1	1.47 / 1.70	15.79	120	278 ml/min
1400	2.41	7.11	1.14	9.8	1.51 / 1.83	15.49	116	254 ml/min
1403	3.14	7.09	1.14	3.6	1.61 / 2.15	15.38	112	244 ml/min
1406	3.94	7.13	1.14	3.7	2.02 / 2.27	15.46	107	266 ml/min
1409	4.69	7.23	1.14	3.7	2.12 / 2.35	15.40	98	250 ml/min
1411	5.19	7.48	1.14	4.0	2.53 / 2.37	15.55	84	220 ml/min
1415	6.18	7.01	1.13	6.5	1.76 / 2.40	15.54	75	244 ml/min
1418	6.91	7.68	1.14	Tr.2	1.12 / 2.31	15.46	73	248 ml/min
1420		Collect	Sample	TW-20	for 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [X] PERISTALTIC [ ] SUBMERSIBLE [ ] OTHER _____

TYPE OF TUBING: [ ] TEFLON OR TEFLON LINED [X] HIGH DENSITY POLYETHYLENE [ ] OTHER _____

TYPE OF PUMP MATERIAL: [ ] POLYVINYL CHLORIDE [ ] STAINLESS STEEL [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable): [ ] TEFLON [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1355 DTW = 12.24

1358 DTW = 12.35

1400 DTW = 12.43

1403 DTW = 12.50

1406 DTW = 12.58

1409 DTW = 12.62

1411 DTW = 12.65

1415 DTW = 12.69

1418 DTW = 12.70

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: W-5

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1334 END 1405

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 5.81 FT

WELL DEPTH: 21.80 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 9.53 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.21 L/MIN

BEGIN PURGING: 1342

END PURGING: 1456

TOTAL VOL. PURGED: 0.76 GAL
(purge rate (L/min),x duration (min) x 0.26 gal/L)

PURGE DATA

Jordan / Daunnell

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1346	0.87	7.51	1.13	6.5	0 0.29	16.97	-202	297ml/min - odor
1348	1.37	11.24	1.13	7.0	0 0.24	16.08	-193	250ml/min
1352	2.18	7.18	1.12	5.4	0 0.21	17.14	-188	202ml/min
1350	2.94	7.21	1.12	5.4	0 0.20	17.17	-189	190ml/min
1400		Collect Sample W-5 for 8260						
1405		11	11	W-5 (DUP) for 8260 - Duplicate Sample				

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1346 DTW=7.36

1348 DTW=8.06

1352 DTW=8.69

1350 DTW=9.10

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: BR-01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1438 END 1505

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 16.21 FT

WELL DEPTH: 38.60 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 16.71 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.16 L/MIN

BEGIN PURGING: 1435

END PURGING: 1503

TOTAL VOL. PURGED: 1.19 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba / downwell)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1448	1.75	10.40	0.273	23.5	6.61 / 1.10	16.19	-31	250 ml/min
1452	2.61	10.02	0.273	18.5	5.07 / 0.27	16.31	-46	215 ml/min
1455	3.16	9.80	0.272	20.2	4.00 / 0.19	16.79	-70	185 ml/min
1459	3.76	9.73	0.271	29.1	5.17 / 0.14	17.20	-88	150 ml/min
1503	4.56	9.76	0.271	95.3	7.28 / 0.12	15.89	-140	200 ml/min
1505		Collect	sample	BR-01	for 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1448 DTW = 16.46

1452 DTW = 16.58

1455 " = 16.62

1459 " = 16.60

1503 " = 16.67

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: BR-02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1745 END 1815

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 21.40 FT

WELL DEPTH: 42.75 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 21.98 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.23 L/MIN

BEGIN PURGING: 1754

END PURGING: 1812

TOTAL VOL. PURGED: 1.06 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba | downwell

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1759	1.25	8.44	1.03	50.5	0.40 | 0.22	16.98	-207	250 ml/min
1802	1.96	8.24	1.02	41.4	0.22 | 0.17	17.07	-209	238 ml/min
1805	2.02	8.10	1.02	43.0	0.09 | 0.18	17.30	-209	219 ml/min
1809	3.46	8.01	1.05	37.8	0 | 0.20	17.52	-215	211 ml/min
1812	4.09	8.08	1.07	38.1	0 | 0.13	17.04	-217	207 ml/min
1815		Collect	Sample	BR-02	for 8260			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deal Jr.

NOTES

1759 DTW = 21.76

1802 DTW = 21.83

1805 DTW = 21.87

1809 DTW = 21.92

1812 DTW = 21.95

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-19-06

SITE ID: BR-3

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1610 END 1635

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 10.71 FT

WELL DEPTH: 42.20 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 11.89 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.22 L/MIN

BEGIN PURGING: 1613

END PURGING: 1630

TOTAL VOL. PURGED: 0.96 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba flowcell

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1617	1.07	9.00	0.888	33.2	1.73 0.16	17.48	-338	267 ml/min
1620	1.83	8.79	0.877	42.1	0.69 0.13	17.45	-326	254 ml/min
1623	2.42	8.62	0.864	38.4	0.71 0.12	18.08	-314	198 ml/min
1627	3.14	8.60	0.868	43.4	0 0.10	18.10	-316	179 ml/min
1630	3.68	8.65	0.869	150	0 0.09	18.17	-317	18 ml/min
1635		Collect Sample		BR-03 for 8260				

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Featherstone

NOTES

1617 DTW = 11.91

1620 DTW = 11.42

1623 DTW = 11.56

1627 DTW = 11.68

1630 DTW = 11.80

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0740 END 0805

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.55 FT

WELL DEPTH: 50.15 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 18.80 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.24 L/MIN

BEGIN PURGING: 0748

END PURGING: 0801

TOTAL VOL. PURGED: 0.79 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba / downhole)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0753	1.12	8.31	1.14	53.1	0.46 / 0.25	16.14	-316	225 ml/min
0756	1.80	8.49	1.28	66.5	0 / 0.19	16.00	-327	225 ml/min
0758	2.31	8.43	1.31	73.0	0 / 0.17	16.07	-329	250 ml/min
0801	3.05	8.39	1.33	59.6	0 / 0.16	16.14	-324	240 ml/min
0805		Collect Sample BR-04 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Jack Deatherage

NOTES

0753 DTW = 18.79

0756 DTW = 18.80

0758 DTW = 18.79

0801 DTW = 18.79

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event
DATE: 7-30-06
SITE ID: BA-05
SITE TYPE: Monitor Well
SITE ACTIVITY: START 0825 END 0855
JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER
PROTECTIVE CASING STICKUP (FROM GROUND):
PROTECTIVE CASING / WELL DIFFERENCE:

INITIAL DEPTH TO WATER	18.49 FT	WELL DEPTH	50.15 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	18.85' FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.20 L/MIN
BEGIN PURGING: 0831
END PURGING: 0845
TOTAL VOL. PURGED: 0.74 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba / downwell

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)		TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0835	0.91	9.62	0.179	68.4	0.60	0.13	17.07	-287	227ml/min
0839	1.70	9.49	0.177	74.1	0.50	0.12	17.60	-284	198ml/min
0842	2.27	9.46	0.174	82.4	0.41	0.11	17.07	-284	190ml/min
0845	2.84	9.50	0.174	67.2	0.33	0.08	17.73	-290	190ml/min
0845		Collect Sample BA-05 for 8260							
0850		Collect Sample BA-05 (MS) - Matrix Spike							
0855		Collect Sample BA-05 (MSD) - Matrix Spike Duplicate							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER
[ ] OTHER	[ ] OTHER	[ ] OTHER	

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0835 DTW = 18.85'
0839 DTW = 18.85'
0842 DTW = 18.85'
0845 DTW = 18.85'

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event
DATE: 7-19-06
SITE ID: BR-07
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1700 END 1725
JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: ☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER ____
PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT
PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER	22.45 FT	WELL DEPTH	53.3 FT	PID AMBIENT AIR	____ PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	22.70 FT	SCREEN LENGTH	____ FT	PID WELL MOUTH	____ PPM		
DRAWDOWN	____ FT	DRAWDOWN VOLUME	____ GAL	PRODUCT THICKNESS	____ FT		

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

PURGE RATE: 0.20 L/MIN
BEGIN PURGING: 1707
END PURGING: 1720
TOTAL VOL. PURGED: 0.38 GAL (purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba/downwell

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1711	0.89	8.67	3.39	27.9	0 10.14	16.82	-308	222ml/min
1714	1.50	8.57	3.38	35.5	0 10.12	17.06	-308	204ml/min
1717	2.07	8.52	3.40	32.4	0 10.11	16.89	-321	191ml/min
1720	2.61	8.54	3.40	25.4	0 10.09	16.99	-330	179ml/min
1720		Collect Sample BR-07 for 8260						
1725		Collect Sample BR-07 (MW)						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
☒ PERISTALTIC	☐ TEFLON OR TEFLON LINED	☐ POLYVINYL CHLORIDE	☐ TEFLON
☐ SUBMERSIBLE	☒ HIGH DENSITY POLYETHYLENE	☐ STAINLESS STEEL	☐ OTHER ____
☐ OTHER ____	☐ OTHER ____	☐ OTHER ____	

PURGE OBSERVATIONS

SIGNATURE: Joe Dearteaga

NOTES

1711 DTW = 22.69
1714 DTW = 22.70
1717 DTW = 22.70
1720 DTW = 22.70

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event
DATE: 7-19-06
SITE ID: BR-08
SITE TYPE: Monitor Well
SITE ACTIVITY: START 0833 END
JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: ☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER _____
PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT
PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	19.11 FT	WELL DEPTH	74.55 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	21.69 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM	WELL INTEGRITY: CAP / CASING / LOCKED / COLLAR	YES / NO / N/A
DRAWDOWN	FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.20 L/MIN
BEGIN PURGING: 0843
END PURGING: 0919
TOTAL VOL. PURGED: 1.87 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
					bottom / downwell			
0847	1.33	11.44	1.17	28.0	0.47 / 0.27	15.64	89	333 ml/min
0849	2.06	10.71	1.20	229	8.52 / 0.17	16.42	64	305 ml
0854	3.73	10.78	1.21	11.3	7.28 / 0.16	17.20	44	~~333~~ 333 ml/min
0859	4.61	10.22	1.26	7.8	7.92 / 0.13	17.19	-91	176 ml/min
0904	5.19	10.12	1.27	9.3	8.27 / 0.13	18.01	-300	118 ml/min
0909	5.90	9.52	1.28	6.8	7.95 / 0.13	17.77	-321	140 ml/min
0913	6.43	9.49	1.28	9.6	7.46 / 0.12	17.78	-327	133 ml/min
0919	7.20	9.53	1.28	5.4	7.01 / 0.09	17.93	-315	120 ml/min
0920		Collect Sample BR-08 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
☒ PERISTALTIC	☐ TEFLON OR TEFLON LINED	☐ POLYVINYL CHLORIDE	☐ TEFLON
☐ SUBMERSIBLE	☒ HIGH DENSITY POLYETHYLENE	☐ STAINLESS STEEL	☐ OTHER _____
☐ OTHER _____	☐ OTHER _____	☐ OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0847 OTW = 19.51
0849 " = 19.76
0854 " = 20.13
0859 " = 20.45
~~0904~~ 0904 " = 20.72
0909 " = 20.95
0913 " = 21.20
0919 " = 21.44

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0940 END 1005

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 18.56 FT

WELL DEPTH: 49.40 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.75 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.18 L/MIN

BEGIN PURGING: 0945

END PURGING: 1001

TOTAL VOL. PURGED: 0.75 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Horiba U-10 (Diamond)

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0951	1.12	10.18	0.252	40.5	0.43 | 0.15	17.31	4	187 ml/min
0954	1.69	9.78	0.252	38.9	0.16 | 0.12	17.45	-4	190 ml/min
0958	2.36	9.75	0.251	51.1	0.22 | 0.10	17.45	-20	167 ml/min
1001	2.98	9.76	0.251	43.8	0.09 | 0.09	17.58	-40	180 ml/min
1005		Collect Sample BR-09 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0951 DTW = 18.76'
0954 DTW = 18.75'
0958 DTW = 18.75'
1001 DTW = 18.75'

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-10

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1025 END 1050

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.10 FT

WELL DEPTH: 50.25 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.35 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.22 L/MIN

BEGIN PURGING: 1030

END PURGING: 1046

TOTAL VOL. PURGED: 0.90 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (horiba (downhole))	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1025	1.1 | 9.31	~~0.084~~	0.084	63.1	0.09 | 0.18	17.23	54	222 ml/min
1037	1.558	8.97	0.086	53.0	0.57 | 0.17	17.18	68	222 ml/min
1040	2.20	8.72	0.092	56.6	0.59 | 0.17	17.34	72	215 ml/min
1043	2.82	8.66	0.100	52.5	0.42 | 0.17	17.34	70	208 ml/min
1046	3.45	8.66	0.107	50.9	0.27 | 0.27	17.42	68	208 ml/min
1050		Collect Sample BR-10 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1025 DTW = 18.35'
1037 DTW = 18.35'
1040 DTW = 18.35'
1043 DTW = 18.35'
1046 DTW = 18.35'

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-11

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1109 END 1130

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 18.40 FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.65' FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.19 L/MIN

BEGIN PURGING: 1114

END PURGING: ~~1129~~ 1129

TOTAL VOL. PURGED: 0.75 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) (hexton, chromive[])	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1120	1.11	7.88	1.53	409.9	0 0.12	17.80	-220	185 ml/min
1123	1.71	7.76	1.52	94.0	0 0.11	18.06	-212	200 ml/min
1126	2.31	7.72	1.52	36.4	0 0.10	18.19	-208	200 ml/min
1129	2.89	7.74	1.52	38.2	0 0.09	18.04	-207	194 ml/min
1130		Collect	Sample	BR-11 for 8260				

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Matthews

NOTES

1120 DTW = 18.65'
1123 DTW = 18.65'
1126 DTW = 18.65'
1129 DTW = 18.65'

Sheet No.

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-15

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1241 END 1420

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 19.17 FT

WELL DEPTH: 77.45 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: _____ IN

FINAL DEPTH TO WATER: _____ FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: _____ L/MIN

BEGIN PURGING: 1250

END PURGING: 1420

TOTAL VOL. PURGED: _____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

horiba/diamond

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1256	1.17	12.55	0.520	44.1	5.90 / 2.78	19.01	-79	198 ml/min
1259	~~1.89~~ 1.82	11.90	0.519	48.2	7.56 / 3.87	19.12	-87	218 ml/min
1304	2.60	9.16	0.529	68.8	3.09 / 2.77	19.57	22	157 ml/min
1307	3.07	9.98	0.558	71.6	1.89 / 2.60	19.46	-12	157 ml/min
1312	3.78	10.97	0.488	54.6	1.97 / 2.56	19.88	-47	137 ml/min
1316	4.34	11.44	0.449	54.6	2.06 / 2.48	18.96	-59	140 ml/min
1320	4.91	11.43	0.389	72.0	1.89 / 2.47	20.20	-58	143 ml/min
1324	5.46	11.26	0.301	110.0	1.98 / 2.51	20.09	-58	157 ml/min
1328	5.97	10.94	0.344	125.0	1.89 / 2.61	20.52	-40	128 ml/min
1333	6.60	10.66	0.329	166.0	1.92 / 2.47	21.10	-29	123 ml/min
1338	7.19	10.47	0.329	137.0	1.91 / 2.40	21.11	-22	118 ml/min
1342	7.85	10.18	0.359	130.0	1.88 / 2.42	21.64	-14	116 ml/min
1347	8.22	10.05	0.468	68.1	1.91 / 2.42	20.62	-9	114 ml/min
1352	8.89	9.84	0.503	88.7	1.70 / 2.44	21.79	-3	116 ml/min

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: _____

NOTES

1256 DTW = 19.60'
1259 DTW = 19.65'
1304 DTW = 19.79'
1307 DTW = 19.88'
1312 DTW = 19.96'
1316 DTW = 20.04'
1320 DTW = 20.10'
1324 DTW = 20.18'
1328 DTW = 20.25'
1333 DTW = 20.30'
1338 DTW = 20.35'
1342 DTW = 20.40'
1347 DTW = 20.46'
1352 DTW = 20.49

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE:

SITE ID: BR-15

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1241 END 1420

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER: 19.57 FT

WELL DEPTH: 77.45 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 20.051 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

WELL INTEGRITY: CAP, CASING, LOCKED, COLLAR — YES / NO / N/A

DRAWDOWN: FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.13 L/MIN

BEGIN PURGING: 1250

END PURGING: 1420

TOTAL VOL. PURGED: 3.91 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1358	9.44	9.67	0.523	80.5	1.25 / 2.41	21.38	1	107 ml/min
1403	9.92	9.41	0.562	97.3	1.12 / 2.51	22.66	8	100 ml/min
1409	10.50	9.28	0.635	64.3	0.86 / 2.49	22.13	2	99 ml/min
1414	11.01	9.03	0.685	39.5	0.93 / 2.56	22.29	-15	95 ml/min
1420	11.58	8.84	0.691	86.2	0.78 / 2.61	23.23	-19	95 ml/min
1420		Collect sample BR-15 for 8260						

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [X] PERISTALTIC [ ] SUBMERSIBLE [ ] OTHER

TYPE OF TUBING: [ ] TEFLON OR TEFLON LINED [X] HIGH DENSITY POLYETHYLENE [ ] OTHER

TYPE OF PUMP MATERIAL: [ ] POLYVINYL CHLORIDE [ ] STAINLESS STEEL [ ] OTHER

TYPE OF BLADDER MATERIAL (if applicable): [ ] TEFLON [ ] OTHER

PURGE OBSERVATIONS

Note: Ph baselined out @ 8.82 & began to rise, so we sampled at that point

NOTES

1358 DTW = 20.53'
1403 DTW = 20.57'
1409 DTW = 20.60
1414 DTW = 20.62'
1427 DTW = 20.64'

SIGNATURE: Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 1st Semi-Annual Sampling Event

DATE: 7-20-06

SITE ID: BR-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1457 END 1525

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 18.98 FT

WELL DEPTH: 62.2 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.17 L/MIN

BEGIN PURGING: 1502

END PURGING: 1520

TOTAL VOL. PURGED: 0.80 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L) horiba	DISSOLVED O_2 (mg/L) downhole	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1509	1.24	7.73	1.96	96.4	0.51	0.15	19.59	-178	177ml/min
1512	1.74	7.51	1.46	124	0.11	0.12	19.56	-171	167ml/min
1516	2.41	7.49	1.46	97.3	0	0.11	19.73	-171	167ml/min
1520	3.08	7.58	1.44	165	0	0.11	20.14	-178	167ml/min
1525		Collect	sample	BR-17	for 8260				

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1509 DTW = 19.20'

1512 DTW = 19.20'

1516 DTW = 19.20'

1520 DTW = 19.20'

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: QAFB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0945 END 0950

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER	FT	WELL DEPTH	FT	PID AMBIENT AIR	PPM	WELL DIAMETER	IN
FINAL DEPTH TO WATER	FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

Field blank collected @ 0945 from distilled deionized water

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: QAFB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0955 END 1000

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: _____ FT

WELL DEPTH: _____ FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: _____ IN

FINAL DEPTH TO WATER: _____ FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: _____ FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: _____ L/MIN

BEGIN PURGING: _____

END PURGING: _____

TOTAL VOL. PURGED: _____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

QAFB02 collected @ 0955 for 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: CARB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0950 END 0955

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: ____ FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: ____ IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER _____
[ ] OTHER _____	[ ] OTHER _____	[ ] OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

Rinse blank collected off rebar @ 0950

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: ~~TB01~~ QATB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0940 END 0943

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	FT	WELL DEPTH	FT	PID AMBIENT AIR	PPM	WELL DIAMETER	IN
FINAL DEPTH TO WATER	FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

PURGE RATE: _____ L/MIN

BEGIN PURGING: _____

END PURGING: _____

TOTAL VOL. PURGED: _____ GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
☒ PERISTALTIC	☐ TEFLON OR TEFLON LINED	☐ POLYVINYL CHLORIDE	☐ TEFLON
☐ SUBMERSIBLE	☒ HIGH DENSITY POLYETHYLENE	☐ STAINLESS STEEL	☐ OTHER _____
☐ OTHER _____	☐ OTHER _____	☐ OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: Joe Scattergood

NOTES

Trip blank @ 0940

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: DATB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0835 END 0840

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: ____ FT

WELL DEPTH: ____ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: ____ IN

FINAL DEPTH TO WATER: ____ FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: ____ FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: ____ L/MIN

BEGIN PURGING: ____

END PURGING: ____

TOTAL VOL. PURGED: ____ GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Jodi Catto

NOTES

Trip Blank Sample Submitted @0835.

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12/6/06

SITE ID: OB-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1415 END 1435

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 3.60 FT

WELL DEPTH: 16.45 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 4.83 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 1.23 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.24 L/MIN

BEGIN PURGING: 1414

END PURGING: 1431

TOTAL VOL PURGED: 1.07 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY (NTU)~~ TDS S/L	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1417	0.75	5.98	4.65	3.0	1.18	13.4	-177	250 ml/min
1421	1.75	5.98	4.75	3.0	19.99	13.5	-184	250 ml/min
1425	2.75	5.98	4.70	3.0	19.99	13.7	-189	250 ml/min
1428	3.40	5.98	4.77	3.0	19.99	13.7	-191	215 ml/min
1431	4.04	5.97	4.79	3.0	19.99	13.7	-193	215 ml/min
1435	Collect Sample OB-04 for 8260, Fe, Mn, Alk, & Bio parameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

Initial purge water is very cloudy w/ HRC Globuls. Very foul odor.

- Note - Unable to keep bubbles out of the 40-ml vials.

SIGNATURE: _____

NOTES

1417 DTW = 4.43

1421 DTW = 4.59

1425 DTW = 4.74

1428 DTW = 4.80

1431 DTW = 4.83

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-7-06

SITE ID: OB-903

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0840 END 0918

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER ____ 17.54

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 6.45 FT

WELL DEPTH: ~~23.3~~ FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 7.49 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 1.04 FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.24 L/MIN

BEGIN PURGING: 0845

END PURGING: 0907

TOTAL VOL. PURGED: 1.38 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ (NTU) 705	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0849	0.89	7.40	1.72	1.1	8.92	13.6	169	222mV/min
0852	1.55	7.52	1.74	1.1	9.02	13.8	136	222mV/min
0902	4.05	7.63	—	1.1	9.16	13.8	85	222mV/min
0905	4.72	7.64	1.81	1.2	9.26	13.7	65	222mV/min
0907	5.22	7.65	1.82	1.2	9.21	13.7	06	222mV/min
0910	Collect Sample OB-05 for 8260 / VFAs + Bio parameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER ____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER ____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER ____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER ____

PURGE OBSERVATIONS

* maintenance of accuracy of DO reading

NOTES

0849 DTW = 6.99

0852 DTW = 7.07

0902 DTW = 7.30

0905 DTW = 7.40

0907 DTW = 7.49

SIGNATURE: Joe Ratterman

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-10-02

SITE ID: OB-06

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1058 END 1146

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 3.44 FT

WELL DEPTH: 16.45 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 5.48 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

DRAWDOWN: 2.04 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

PURGE RATE: 0.18 L/MIN

BEGIN PURGING: 1100

END PURGING: 1139

TOTAL VOL. PURGED: 1.86 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1106	1.2	8.25	0.456	-6.2	4.18	13.01	50	200ml/min
1109	1.8	8.27	0.458	-2.1	2.51	13.16	43	200ml/min
1114	2.68	8.28	0.458	3.4	1.66	13.36	38	175ml/min
1118	3.38	8.28	0.460	-7.2	1.24	13.07	31	175ml/min
1122	4.08	8.28	0.460	8.0	1.05	12.89	20	175ml/min
1126	4.78	8.28	0.457	10.6	0.89	12.92	17	"
1129	5.30	8.28	0.458	13.9	0.75	12.92	17	"
1133	6.00	8.28	0.457	15.6	0.64	12.81	14	"
1139	7.05	8.28	0.456	18.0	0.70	13.01	10	"
1140	Collect Sample OB-06 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1106 DTW * = 4.55
1109 DTW = 4.90
1114 DTW = 5.10
1118 DTW = 5.22
1122 DTW = 5.30
1126 DTW = 5.38
1129 DTW = 5.42
1133 DTW = 5.46
1139 DTW = 5.48

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-11-06

SITE ID: OB-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0810 END 0910

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	4.16 FT	WELL DEPTH	20.01 FT	PID AMBIENT AIR	PPM
WELL DIAMETER	2 IN	FINAL DEPTH TO WATER	5.51 FT	SCREEN LENGTH	FT
PID WELL MOUTH	PPM	DRAWDOWN	1.35 FT	DRAWDOWN VOLUME	GAL
PRODUCT THICKNESS	FT				

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 (2-inch) or x 0.65 (4-inch) or x 1.5 (6-inch))

PURGE RATE: 0.4 L/MIN

BEGIN PURGING: 0811

END PURGING: 0852

TOTAL VOL. PURGED: 1.56 GAL (purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0816	0.95	7.08	0.768	9.1	4.31	13.40	174	190 ml/min
0820	1.57	7.39	0.744	13.0	2.84	13.02	150	150 ml/min
0825	2.25	7.54	0.739	17.1	2.16	12.85	126	135 ml/min
0830	2.92	7.60	0.737	20.08	1.73	12.84	114	135 ml/min
0834	3.46	7.67	0.739	24.4	1.21	12.79	109	"
0839	4.14	7.71	0.740	26.6	0.73	12.96	100	"
0843	4.68	7.71	0.742	33.1	0.33	13.02	81	"
0848	5.35	7.83	0.748	26.0	0	12.91	72	"
0852	5.89	7.87	0.752	21.8	0	12.95	65	
0855	Collect sample OB-07 for 8260 + Bio parameters							
0905	Collect sample OB-07 (MS) for 8260 - Matrix Spike							
0910	Collect sample OB-07 (MSD) for 8260 - Matrix Spike Duplicate							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER _____
[ ] OTHER _____	[ ] OTHER _____	[ ] OTHER _____	

PURGE OBSERVATIONS

SIGNATURE: Joe Doattuzzo

NOTES

0816 DTW = 5.31
0820 DTW = 5.42
0825 DTW = 5.42
0830 DTW = "
0834 DTW = 5.45
0839 DTW = 5.47
0843 DTW = 5.49
0848 DTW = 5.50
0852 DTW = 5.51

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12/6/06

SITE ID: OB-08

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1600 END 1630

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: ☐ TOP OF WELL RISER ☐ TOP OF PROTECTIVE CASING ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 0.67 FT

WELL DEPTH: 21.85 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.83 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 2.16 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.23 L/MIN

BEGIN PURGING: 1603

END PURGING: 1628

TOTAL VOL. PURGED: 1.49 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS (NTU) S/L	DISSOLVED O_2 * (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1609	1.5	6.42	1.51	—	0.73	15.2	-255	250 ml/min
1613	2.5	6.56	—	1.0	0.84	15.6	-274	250 ml/min
1615	3.0	6.59	1.47	0.9	0.88	15.5	-284	250 ml/min
1618	3.64	6.62	1.45	0.9	0.95	15.3	-291	250 ml/min
1621	4.24	6.68	1.35	0.9	0.93	15.3	-303	200 ml/min
1625	5.04	6.73	1.30	0.8	0.79	15.2	-313	200 ml/min
1628	5.04	6.76	1.25	0.8	0.70	15.3	-320	200 ml/min
1630	Collect sample OB-08 for 8260, Fatty Acids, and Biogparameters							

* Not confident DO meter is working properly

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ OTHER _____

TYPE OF TUBING: ☐ TEFLON OR TEFLON LINED ☒ HIGH DENSITY POLYETHYLENE ☐ OTHER _____

TYPE OF PUMP MATERIAL: ☐ POLYVINYL CHLORIDE ☐ STAINLESS STEEL ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable): ☐ TEFLON ☐ OTHER _____

PURGE OBSERVATIONS

Sulfer odor; very foul

water is slightly cloudy

NOTES

1609 DTW = 7.78

1613 DTW = 8.50

1615 DTW = 8.53

1618 DTW = 8.63

1621 DTW = 8.69

1625 DTW = 8.77

1628 DTW = 8.83

SIGNATURE: Joe Beatty

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-5-06

SITE ID: OB-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1115 END 1222

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- ☐ TOP OF WELL RISER
- ☐ TOP OF PROTECTIVE CASING
- ☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	7.68 FT	WELL DEPTH	23.3 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	9.05 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	1.37 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:

	YES	NO	N/A
CAP	___	___	___
CASING	___	___	___
LOCKED	___	___	___
COLLAR	___	___	___

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.30 L/MIN

BEGIN PURGING: 1136

END PURGING: 1210

TOTAL VOL. PURGED: 3.0 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS g/L (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1139	2.06	7.23	1.04	0.7	5.49	12.2	55	355ml/min
1147	4.06	7.26	1.04	0.7	5.03	13.3	48	333ml/min
1146	5.33	7.27	1.05	0.7	5.03	13.2	49	333ml/min
1149	6.18	7.26	1.05	0.7	4.84	13.2	52	345ml/min
1151	6.75	7.26	1.06	0.7	4.65	13.1	51	223ml/min
1155	7.75	7.26	1.05	0.7	2.85	13.1	50	250ml/min
1157	8.27	7.26	1.05	0.7	2.86	13.3	49	250ml/min
1201	9.31	7.27	1.05	0.7	2.52	13.4	48	250ml/min
1204	10.06	7.29	1.05	0.7	2.38	13.3	46	250ml/min
1207	10.81	7.30	1.05	0.7	2.28	13.3	46	250ml/min
1210	11.56	7.30	1.04	0.7	2.17	13.5	46	250ml/min
1215	Collect Sample OB-09 for VOCs & Bio parameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ OTHER _____

TYPE OF TUBING
- ☐ TEFLON OR TEFLON LINED
- ☒ HIGH DENSITY POLYETHYLENE
- ☐ OTHER _____

TYPE OF PUMP MATERIAL
- ☐ POLYVINYL CHLORIDE
- ☐ STAINLESS STEEL
- ☐ OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- ☐ TEFLON
- ☐ OTHER _____

PURGE OBSERVATIONS

SIGNATURE: JoDeatherage

NOTES

Ave DTW = 9.05

1139 DTW = 8.72

1143 DTW = 8.91

1146 DTW = 8.90

1149 DTW = 8.90

1151 DTW = "

1155 DTW = "

1157 DTW = 8.92

1201 DTW = 8.98

1204 DTW = 9.00

1207 DTW = 9.02

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-11-02

SITE ID: TW-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0940 END 1025

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

INITIAL DEPTH TO WATER	7.90 FT	WELL DEPTH	20.72 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	FT
FINAL DEPTH TO WATER	10.70 FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM
DRAWDOWN	2.8 FT	DRAWDOWN VOLUME	GAL	PID WELL MOUTH	PPM
				PRODUCT THICKNESS	FT
				PROTECTIVE CASING / WELL DIFFERENCE	FT
				WELL DIAMETER	2 IN

((initial - final) x 0.16 (2-inch) or x 0.65 (4-inch) or x 1.5 (6-inch))

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

PURGE RATE: 0.11 L/MIN

BEGIN PURGING: 0943

END PURGING: 1024

TOTAL VOL. PURGED: 1.2 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
~~0940~~								~~200 ml/min~~
0947	0.8	7.73	0.558	13.0	12.56	12.26	70	200 ml/min
0951	1.3	7.73	0.566	17.4	7.98	11.73	28	133 ml/min
0959	1.6	7.71	0.574	22.4	6.82	11.65	25	133 ml/min
1004	2.2	7.70	0.579	26.8	6.67	11.80	14	200 ml/min
1009	2.8	7.71	0.573	29.9	5.43	11.73	12	"
1014	3.4	7.70	0.575	29.8	4.91	11.77	9	"
1019	4.0	7.70	0.576	34.0	4.58	11.97	9	"
1024	4.6	7.68	0.575	37.3	4.29	11.74	9	"
1025	Collect sample TW-04 for 8260 + Bio Parameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: _____

NOTES

0947 DTW = 10.10
0951 DTW = 10.35
0959 DTW = 10.44
1004 DTW = 10.51
1009 DTW = 10.58
1014 DTW = 10.62
1019 DTW = 10.67
1024 DTW = 10.70

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 2nd Semi-Annual Sampling Event
DATE: 8/9/06
SITE ID: TW-07
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1555 END 1625
JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER
PROTECTIVE CASING STICKUP (FROM GROUND): FT
PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER	7.35 FT	WELL DEPTH	20.72 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	8.20 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM	WELL INTEGRITY: CAP / CASING / LOCKED / COLLAR	YES / NO / N/A
DRAWDOWN	0.85 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.25 L/MIN
BEGIN PURGING: 1600
END PURGING: 1623
TOTAL VOL. PURGED: 1.5 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1604	1.14	6.91	1.45	0.9	1.73	12.4	76	250ml/min
1607	2.00	6.86	1.46	0.9	1.42	12.5	69	250ml/min
1609	2.50	6.83	1.45	0.9	0.58	12.4	65	250ml/min
1612	3.16	6.81	1.46	0.9	0.47	12.1	63	222ml/min
1615	3.91	6.78	1.46	0.9	0.33	12.2	60	200ml/min
1617	4.41	6.77	1.46	0.9	0.27	12.3	59	250ml/min
1620	5.08	6.77	1.46	0.9	0.25	12.1	58	222ml/min
1623	5.74	6.76	1.46	0.9	0.21	11.9	55	222ml/min
1625	Collect Sample TW-07 for 8260 + Biaparameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER
[ ] OTHER	[ ] OTHER	[ ] OTHER	

PURGE OBSERVATIONS

SIGNATURE: Joe Heathman

NOTES

1604 DTW = 7.87
1607 DTW = 7.95
1609 DTW = 8.00
1612 DTW = 8.07
1615 DTW = 8.12
1617 DTW = 8.17
1620 DTW = 8.19
1623 DTW = 8.20

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12/6/06

SITE ID: TW-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1015 END 1045

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	11.70 FT	WELL DEPTH	17.70 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	12.10 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM	WELL INTEGRITY: CAP	YES ___ NO ___ N/A ___
DRAWDOWN	0.40 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT	CASING	___ ___ ___
						LOCKED	___ ___ ___
						COLLAR	___ ___ ___

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.21 L/MIN

BEGIN PURGING: 1018

END PURGING: 1040

TOTAL VOL. PURGED: 1.2 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS (NTU) mg/L	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1023	1.0	6.94	1.11	0.7	1.34	12.9	65	200ml/min
1026	1.6	6.95	1.12	0.7	1.16	13.3	59	200ml/min
1029	2.23	6.94	1.11	0.7	0.95	13.4	55	210ml/min
1031	2.65	6.94	1.12	0.7	0.80	13.4	52	210ml/min
1035	3.49	6.95	1.11	0.7	0.72	13.6	49	210ml/min
1038	4.12	6.95	1.11	0.7	0.67	13.5	47	210ml/min
1040	4.54	6.96	1.10	0.7	1.08	13.6	45	210ml/min
1045	Collect Sample TW-09 for 8260 + Bio parameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: _____

NOTES

1023 DTW = 11.95
1026 DTW = 11.99
1029 DTW = 12.01
1031 DTW = 12.05
1035 DTW = 12.07
1038 DTW = 12.08
1040 DTW = 12.6

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12/6/06

SITE ID: TW-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0745 END 0820

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	7.46 FT	WELL DEPTH	17.45 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	8.25 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM	WELL INTEGRITY: CAP	YES NO N/A
DRAWDOWN	0.39 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT	CASING	
						LOCKED	
						COLLAR	

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.21 L/MIN

BEGIN PURGING: 0748

END PURGING: 0810

TOTAL VOL. PURGED: 1.24 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY (NTU)~~ TDS	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0752	1.0	7.06	0.95	0.6	8.68	11.0	105	250 ml/min
0755	1.75	7.06	0.95	0.6	7.89	11.1	98	250 ml/min
0757	2.25	7.06	0.95	0.6	7.25	11.2	93	250 ml/min
0800	3.00	7.05	0.95	0.6	4.19	11.3	XX	250 ml/min
0803	3.86	7.05	0.95	0.6	4.17	11.3	83	285 ml/min
0806	4.71	7.05	0.95	0.6	4.10	11.3	81	285 ml/min
0810	Collect Sample TW-17 for 8260 + Bioparameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0752 DTW = 8.06

0755 DTW = 8.15

0757 DTW = 8.20

0800 DTW = 8.20

0803 DTW = 8.22

0806 DTW = 8.21

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 8/6/06

SITE ID: TW-20

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0840 END 0930

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 11.63 FT

WELL DEPTH: 17.22 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.30 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.67 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.25 L/MIN

BEGIN PURGING: 0847

END PURGING: 0927

TOTAL VOL. PURGED: 2.67 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS (NTU) mg/L	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0851	1.2	7.17	0.619	0.40	4.18	11.8	77	500ml/min
0854	1.85	7.17	0.618	0.40	6.44	11.2	66	517ml/min
0857	2.60	7.17	0.618	0.40	6.22	11.4	55	250ml/min
0859	3.10	7.18	0.619	0.40	6.24	11.3	53	250ml/min
0902	3.85	7.18	0.618	0.40	6.06	11.2	52	250ml/min
0905	4.60	7.18	0.615	0.39	5.89	11.2	51	250ml/min
0908	5.35	7.18	0.620	0.40	5.86	11.0	48	250ml/min
0911	6.10	7.18	0.627	0.40	5.70	11.1	46	250ml/min
0914	6.85	7.18	0.628	0.40	5.60	11.0	45	250ml/min
0916	7.35	7.18	0.625	0.40	5.49	11.1	46	250ml/min
0919	8.10	7.19	0.624	0.40	5.44	11.0	43	"
0922	8.85	7.19	0.621	0.40	5.36	11.1	41	"
0925	9.60	7.19	0.618	0.40	5.24	11.2	38	"
0927	10.10	7.20	0.615	0.39	5.19	11.3	39	"

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

0930 Collect sample TW-20 for 8260 & Bioparameters

SIGNATURE: Joe Rattenbury

NOTES

0851 DTW = 11.90
0854 DTW = 12.00
0857 DTW = 12.05
0859 DTW = 12.09
0902 DTW = 12.11
0905 DTW = 12.15
0908 DTW = 12.17
0911 DTW = 12.20
0914 DTW = 12.21
0916 DTW = 12.25
0919 DTW = 12.26
0922 DTW = 12.28
0925 DTW = 12.28
0927 DTW = 12.30

GW_Sample_Form.xls

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 2nd Semi-Annual Sampling Event

DATE: 12-5-06

SITE ID: W-5 1425

SITE TYPE: Monitor Well

SITE ACTIVITY: START ~~1430~~ END 1525

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER: 5.31 FT

WELL DEPTH: 21.80 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 9.30 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

WELL INTEGRITY:	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 3.99 FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.20 L/MIN

BEGIN PURGING: 1432

END PURGING: 1510

TOTAL VOL. PURGED: 2.0 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	~~TURBIDITY~~ TDS (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1437	1.25	7.46	0.627	0.40	3.73	11.7	55	250 ml/min
1440	2.00	7.44	0.629	0.40	3.28	12.0	37	250 ml/min
1444	2.89	7.42	0.633	0.40	2.92	12.1	2	223 ml/min
1447	3.55	7.38	0.641	0.41	2.37	12.0	-11	222 ml/min
1450	4.18	7.31	0.660	0.42	1.51	11.8	-104	208 ml/min
1454	4.91	7.28	10.672	0.43	1.10	11.7	-135	192 ml/min
1457	5.45	7.26	0.674	0.44	0.58	11.6	-154	152 ml/min
1501	6.12	7.25	0.683	0.44	0.38	11.5	-160	167 ml/min
1505	6.79	7.24	0.681	0.44	0.28	11.6	-162	167 ml/min
1509	7.46	7.24	0.641	0.41	0.38	11.5	-169	167 ml/min
1515	Collect	Sample	W-5 for	8260 + bio	parameters			

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (if applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER
[ ] OTHER	[ ] OTHER	[ ] OTHER	

PURGE OBSERVATIONS

SIGNATURE:

NOTES

1437 DTW = 7.25
1440 DTW = 7.79
1444 DTW = 8.39
1447 DTW = 8.78
1450 DTW = 8.99
1454 DTW = 9.08
1457 DTW = 9.15
1501 DTW = 9.23
1505 DTW = 9.27
1509 DTW = 9.30

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: BR-01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1320 END 1350

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 15.60 FT

WELL DEPTH: 38.60 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 16.52 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.92 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.17 L/MIN

BEGIN PURGING: 1325

END PURGING: 1349

TOTAL VOL. PURGED: 1.05 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1338	0.855	10.48	0.179	-10	0	10.97	6	2x15 ml/mL
1340	1.92	10.48	0.179	-10	0	11.17	1	"
1343	2.28	10.48	0.178	-10	0	11.39	-3	"
1346	3.14	10.49	0.178	-10	0	11.15	-7	"
1349	3.99	10.49	0.177	-10	0	10.91	-11	"
1350	Collect Dup/Ms		BR-01 for 8260					

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1338 DTW = 16.39

1340 DTW = 16.44

1343 DTW = 16.48

1346 DTW = 16.51

1349 DTW = 16.52

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: BR-02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1430 END ~~1458~~ 1500

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 21.19 FT

WELL DEPTH: 42.75 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 21.98 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.79 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.25 L/MIN

BEGIN PURGING: 1436

END PURGING: 1458

TOTAL VOL. PURGED: 1.45 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1439	~~3.25~~	7.87	0.508	-10	0	11.83	-150	250ml/min
1452	4.0	7.88	0.502	-10	0	11.74	-170	
1455	4.75	7.86	0.518	-10	0	11.77	-164	
1458	5.50	7.84	0.529	-10	0	11.05	-167	
1500	Collect Sample BR-02 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1439 DTW = 21.84
1452 DTW = 21.91
1455 DTW = 21.94
1458 DTW = 21.98

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 8-8-06

SITE ID: BR-03

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1110 END 1140

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [x] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 8.62 FT

WELL DEPTH: 42.20 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 10.69 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 2.07 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.22 L/MIN

BEGIN PURGING: 1115

END PURGING: 1337

TOTAL VOL. PURGED: 1.30 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1125	9.47	0.547	~~0.546~~	-10	0	11.82	62	312 mV / mV
1130	9.48	0.547		-10	0	12.05	56	312 mV / mV
1134	~~4.75~~	9.48	0.546	-10	0	11.77	53	250 mV / mV
1137		9.48	0.546	-10	0	11.80	51	250 mV / mV
1140	Collect Sample BR-03 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

Water had a slight brown tint

SIGNATURE: Joe Deatherage

NOTES

1125 DTW = 10.20

1130 DTW = 10.45

1134 DTW = 10.56

1137 DTW = 10.69

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: BR-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0850 END 0930

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [X] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.59 FT

WELL DEPTH: 50.15 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 18.85 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.26 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch) or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.26 L/MIN

BEGIN PURGING: 0859

END PURGING: 0928

TOTAL VOL. PURGED: 2.04 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0915	4.92	8.54	0.331	-2.0	0	13.35	-313	200 ml/min
0918	5.17	8.08	0.332	-2	0	13.34	-328	250 ml/min
0922	6.21	8.77	0.332	-2.1	0	13.12	-333	200 ml/min
0925	6.96	8.83	0.333	-1.9	0	12.90	-335	250 ml/min
0928	7.71	8.87	0.333	-2	0	13.30	-336	250 ml/min
0930	Collect sample BR-04 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

0915 DTW = 18.83

0918 DTW = 18.83

0928 DTW = 18.85

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: BR-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1005 END 1050

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.62 FT

WELL DEPTH: 50.15 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 19.09 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.47 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.28 L/MIN

BEGIN PURGING: 1011

END PURGING: 1039

TOTAL VOL. PURGED: 2.11 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1022	2.75	9.88	0.062	-10	0	13.85	-238	250ml/min
1026	4.75	9.93	0.061	-1.3	0	13.98	-250	"
1028	5.25	9.97	0.061	-1.4	0	13.48	-256	"
1031	6.00	9.98	0.061	-1.3	0	13.58	-268	"
1034	6.75	9.99	0.062	-1.3	0	13.45	-278	"
1037	7.50	10.01	0.061	-1.3	0	13.51	-284	"
1039	8.00	10.02	0.061	-1.3	0	13.46	-285	"
1040	Collect Sample BR-05 for X260							
1045	Collect Sample BR-05 (MS) for X260 (Matrix spike)							
1050	Collect Sample BR-05 (MSD) for X260 (Matrix Spike Duplicate)							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joel Deatherage

NOTES

1022 DTW = 19.09

1026 DTW = 19.09

1031 DTW = "

1034 DTW = "

1037 DTW = "

1039 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: BR-06

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1010 END 1045

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): ____ FT

PROTECTIVE CASING / WELL DIFFERENCE: ____ FT

INITIAL DEPTH TO WATER: 12.15 FT

WELL DEPTH: 42.6 FT

PID AMBIENT AIR: ____ PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 14.09 FT

SCREEN LENGTH: ____ FT

PID WELL MOUTH: ____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 1.94 FT

DRAWDOWN VOLUME: ____ GAL

PRODUCT THICKNESS: ____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.30 L/MIN

BEGIN PURGING: 1021

END PURGING: 1040

TOTAL VOL. PURGED: 1.50 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1029	3.2	9.70	0.304	213	0.06	13.01	26	400ml/min
1032	4.14	9.73	0.306	~10	0	12.69	24	350ml/min
1036	5.03	9.75	0.303	~0	0	12.17	22	320ml/min
1040	5.68	9.74	0.304	~10	0	11.82	18	100ml/min
1045	collect sample	BR-06	for 8260					

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

Water had a slight brown tint

SIGNATURE: Joe Deatherage

NOTES

1029 DTW = 13.05
1032 DTW = 13.84
1036 DTW = 14.00
1040 DTW = 14.09

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: BR-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0945 END 0930

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	22.67 FT	WELL DEPTH	53.3 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	23.00 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM		
DRAWDOWN	0.33 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT		

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.22 L/MIN

BEGIN PURGING: 0912

END PURGING: 0920

TOTAL VOL. PURGED: 1.17 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0910	~~2.22~~ 2.22	7.62	3.96	46.2	0.00	9.64	-141	222 ml/min
0912	2.66	7.64	4.08	22.9	0	10.40	-145	222 ml/min
0916	3.55	7.66	4.12	15.7	0	10.24	-150	222 ml/m.
0920	4.44	7.67	4.14	23.6	0	10.04	-150	"
0925	Collect Simple BR-07 For 0900							
0930	Collect Simple BR-07 (DUP) For 0920							
	- Duplicate Simple for BR-07							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

Turbidity meter would not calibrate, so these readings may not be accurate. The water looked clear.

NOTES

0910 DTW = 23.00

0912 DTW = 23.00

0916 DTW = 23.00

0920 DTW = 23.00

SIGNATURE: _____

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-08

SITE ID: BR-08

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1120 END 1210

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER	18.95 FT	WELL DEPTH	74.55 FT	PID AMBIENT AIR	PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	21.33 FT	SCREEN LENGTH	FT	PID WELL MOUTH	PPM	WELL INTEGRITY: CAP	YES NO N/A
DRAWDOWN	2.38 FT	DRAWDOWN VOLUME	GAL	PRODUCT THICKNESS	FT	CASING	
						LOCKED	
						COLLAR	

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.18 L/MIN

BEGIN PURGING: 1127

END PURGING: 1208

TOTAL VOL. PURGED: 1.95 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1139	3.0	11.12	0.551	24.7	0	12.11	-216	250ml/min
1142	3.75	11.12	0.547	-1.3	0	12.44	-217	"
1145	4.50	11.12	0.542	-1.4	0	12.36	-217	"
1151	5.55	10.34	0.574	-1.4	3.43	11.98	-324	175ml/min
1156	6.20	9.75	0.595	-1.4	1.40	11.61	-319	125ml/min
1202	6.80	7.50	0.612	-1.4	0.29	10.98	-310	100ml/min
1208	7.40	9.53	0.612	-1.3	0	11.17	-313	"
1210	Collect Sample BR-08 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: JeDeatley

NOTES

1139 DTW = 20.00
1142 DTW = 20.30
1145 DTW = 20.50
1151 DTW = 20.80
1156 DTW = 21.08
1202 DTW = 21.33
1208 DTW = 21.55

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: BR-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1345 END 1415

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.64 FT

WELL DEPTH: 49.40 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.88 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.24 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.25 L/MIN

BEGIN PURGING: 1346

END PURGING: 1410

TOTAL VOL. PURGED: 1.58 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1359	3.25	10.00	0.048	-1.3	0	13.61	-54	250 ml/min
1402	4.00	10.98	0.048	-1.3	0	13.59	-60	"
1405	4.75	10.97	0.047	-1.3	0	13.70	-68	"
1407	5.25	10.96	0.047	-1.3	0	13.85	-73	"
1410	6.00	10.95	0.047	-1.3	0	13.66	-77	"
1415	Collect Sample BR-09 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joel Deatherage

NOTES

1359 DTW = 18.88

1402 DTW = "

1405 DTW = "

1407 DTW = "

1410 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2006 2nd Semi-Annual Sampling Event

DATE: 12-8-06

SITE ID: BR-10

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1525 END 1615

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER

INITIAL DEPTH TO WATER	18.18 FT	WELL DEPTH	20.25 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	FT
FINAL DEPTH TO WATER	18.38 FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM
DRAWDOWN	0.20 FT	DRAWDOWN VOLUME	GAL	PID WELL MOUTH	PPM
				PRODUCT THICKNESS	FT
				PROTECTIVE CASING / WELL DIFFERENCE	0 FT
				WELL DIAMETER	IN

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.22 L/MIN

BEGIN PURGING: 1534

END PURGING: 1613

TOTAL VOL. PURGED: 2.24 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1547	2.89	9.54	0.038	>10	0	11.71	-42	222 ml/min
1550	3.75	9.55	0.039	>10	0	11.90	-67	222 ml/min
1554	4.39	9.56	0.039	>10	0	12.08	-90	"
1557	5.04	9.56	0.039	>10	0	12.13	-115	"
1600	5.68	9.57	0.039	>10	0	12.31	-143	"
1603	6.33	9.58	0.039	>10	0	12.47	-164	"
1606	6.97	9.58	0.040	>10	0	12.46	-182	"
1609	7.62	9.58	0.041	>10	0	12.36	-191	"
1613	8.48	9.60	0.042	>10	0	12.31	-200	"
1615	Collect Sample BR-10 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING	TYPE OF PUMP MATERIAL	TYPE OF BLADDER MATERIAL (If applicable)
[X] PERISTALTIC	[ ] TEFLON OR TEFLON LINED	[ ] POLYVINYL CHLORIDE	[ ] TEFLON
[ ] SUBMERSIBLE	[X] HIGH DENSITY POLYETHYLENE	[ ] STAINLESS STEEL	[ ] OTHER
[ ] OTHER	[ ] OTHER	[ ] OTHER	

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1547 DTW = 18.38

1551 DTW = 18.38

1554 DTW = 18.38

1557 DTW = 18.38

1600 DTW = 18.38

1603 DTW = 18.38

1606 DTW = "

1609 DTW = "

1615 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2006 2nd Semi-Annual Sampling Event

DATE: 12-9-06

SITE ID: BR-11

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1435 END 1510

JOB NUMBER: 3031052006.05

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 18.72 FT

WELL DEPTH: 52.0 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.70 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.25 L/MIN

BEGIN PURGING: 1435

END PURGING: 1501

TOTAL VOL. PURGED: 1.32 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1452	2.75	8.03	0.768	-1.3	0	13.57	-200	250ml/min
1456	3.75	8.03	0.772	-1.3	0	13.61	-201	"
1458	4.25	8.02	0.770	-1.3	0	13.67	-202	"
1501	5.00	8.02	0.766	-1.3	0	13.66	-203	"
1505	Collect sample BR-11 for 8260							
1510	Collect sample BR-11 (DUP) for 8260 - Duplicate sample for BR-11							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1452 DTW = 18.70
1458 DTW = "
1458 DTW = "
1501 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-10-02

SITE ID: BR-15 JA

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0855 END 0937 0948

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [ ] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER

PROTECTIVE CASING STICKUP (FROM GROUND): FT

PROTECTIVE CASING / WELL DIFFERENCE: FT

INITIAL DEPTH TO WATER: 19.49 FT

WELL DEPTH: 77.45 FT

PID AMBIENT AIR: PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 20.98 FT

SCREEN LENGTH: FT

PID WELL MOUTH: PPM

DRAWDOWN: 1.49 FT

DRAWDOWN VOLUME: GAL

PRODUCT THICKNESS: FT

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 (2-inch) or x 0.65 (4-inch) or x 1.5 (6-inch))

PURGE RATE: 0.21 L/MIN

BEGIN PURGING: 0857

END PURGING: 0937

TOTAL VOL. PURGED: 2.21 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0912	3.38	12.47	0.443	12.8	2.41	14.20	-76	220 ml/min
0915	3.98	12.47	0.443	6.2	2.14	14.23	-77	200 ml/min
0919	4.78	12.48	0.443	7.0	1.92	14.26	-77	"
0922	5.38	12.36	0.443	4.9	1.79	14.80	-76	"
0926	6.18	12.38	0.443	4.2	1.25	14.06	-77	"
0929	6.78	12.29	0.445	13.4	1.58	14.00	-74	"
0933	7.58	12.17	0.442	17.1	1.14	14.17	-71	"
0937	8.38	12.18	0.443	16.3	1.24	13.56	-71	"
0940	Collect sample BR-15 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [x] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [x] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER

PURGE OBSERVATIONS

SIGNATURE: Joe Pettiford

NOTES

0912 DTW = 20.40
0915 DTW = 20.51
0919 DTW = 20.59
0922 DTW = 20.67
0926 DTW = 20.76
0929 DTW = 20.84
0933 DTW = 20.91
0937 DTW = 20.98

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-10-06

SITE ID: BR-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1000 END 1030

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 19.02 FT

WELL DEPTH: 62.2 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 19.37 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.35 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.26 L/MIN

BEGIN PURGING: 1001

END PURGING: 1026

TOTAL VOL. PURGED: 1.65 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1017	4.6	7.92	0.078	3.0	0	14.55	-160	250ml/min
1020	4.75	7.85	0.740	-1.4	0	14.41	-157	"
1023	5.50	7.82	0.766	-1.5	0	14.16	-156	
1028	6.25	7.81	0.778	-1.5	0	14.17	-155	
1030	Collect Sample BR-17 for 8260							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1017 DTW = 19.37

1020 DTW = "

1023 DTW = "

1028 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2002 4th Qtr Sampling Event

DATE: 12-6-02

SITE ID: W-2

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1315 END 1400

JOB NUMBER: 51870.7

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ FT

PROTECTIVE CASING / WELL DIFFERENCE: _____ FT

INITIAL DEPTH TO WATER: 7.87 FT

WELL DEPTH: 18.0 FT

PID AMBIENT AIR: _____ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 10.29 FT

SCREEN LENGTH: _____ FT

PID WELL MOUTH: _____ PPM

DRAWDOWN: 2.42 FT

DRAWDOWN VOLUME: _____ GAL

PRODUCT THICKNESS: _____ FT

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

((initial - final) x 0.16 (2-inch) or x 0.65 (4-inch) or x 1.5 (6-inch))

PURGE RATE: 0.14 L/MIN

BEGIN PURGING: 1319

END PURGING: 1355

TOTAL VOL. PURGED: 1.36 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1322	0.6	8.43	0.279	-10	8.11	13.48	53	200 ml/min
1327	1.35	8.47	0.281	-10	5.51	13.13	44	150 ml/min
1331	1.91	8.46	0.280	-10	4.63	13.24	37	140 ml/min
1336	2.61	8.45	0.281	-10	4.18	13.04	32	140 ml/min
1341	3.28	8.45	0.280	-10	3.88	13.07	27	130 ml/min
1345	3.81	8.44	0.279	-9.8	3.64	13.42	23	"
1350	4.47	8.42	0.279	-7.2	3.57	13.30	18	"
1355	5.14	8.42	0.280	-7.5	3.54	13.08	25	"
1400	Collect sample W-2 for biop arameters							

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] OTHER _____

TYPE OF TUBING
- [ ] TEFLON OR TEFLON LINED
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER _____

TYPE OF PUMP MATERIAL
- [ ] POLYVINYL CHLORIDE
- [ ] STAINLESS STEEL
- [ ] OTHER _____

TYPE OF BLADDER MATERIAL (if applicable)
- [ ] TEFLON
- [ ] OTHER _____

PURGE OBSERVATIONS

SIGNATURE: Joe Deatherage

NOTES

1322 DTW = 9.72
1327 DTW = 10.02
1331 DTW = 10.15
1336 DTW = 10.22
1341 DTW = 10.24
1345 DTW = 10.26
1350 DTW = 10.29
1355 DTW = 10.29

APPENDIX F

WELL CONSTRUCTION INFORMATION

Appendix F
Well Construction Information

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

						Screen Interval		Survey Coordinates			Well Material	Completion		
Well ID	Date Installed	Well Purpose/Type	Well Location	Boring Depth	Well Depth	Top	Bottom	Easting	Northing	Elevation	Riser/Screen	Flush-mount	Vault	Stick-up
BR-01	09/02/97	Monitor	Perimeter	42.2	42.2	NA	NA	750364.06	1150086.89	531.92	Stainless / Open	X		
BR-02	09/02/97	Monitor	Perimeter	44.0	44.0	NA	NA	750541.81	1149964.51	532.39	Stainless / Open	X		
BR-03	09/02/97	Monitor	Perimeter	40.1	40.1	NA	NA	750552.93	1149641.68	536.32	Stainless / Open			X
BR-04	09/03/97	Monitor	South Source	44.2	44.2	NA	NA	750322.96	1149422.13	532.68	Stainless / Open	X		
BR-05	09/03/97	Monitor	North Source	49.9	49.9	NA	NA	750216.62	1149958.67	531.76	Stainless / Open	X		
BR-06	09/03/97	Monitor	Background	42.6	42.6	NA	NA	749939.91	1149145.54	539.10	Stainless / Open	X		
BR-07	09/03/97	Monitor	Upgradient	53.3	53.3	NA	NA	749983.50	1149989.76	534.46	Stainless / Open			X
BR-08	07/28/00	Monitor	South Plume (Deep)	73.0	73.0	NA	NA	750340.94	1149482.41	533.13	Iron / Open	X		
BR-09	07/28/00	Monitor	South Source	47.0	47.0	NA	NA	750400.72	1149438.67	532.72	Iron / Open	X		
BR-10	07/28/00	Monitor	South Source	47.0	47.0	NA	NA	750426.90	1149411.76	532.29	Iron / Open	X		
BR-11	07/28/00	Monitor	South Source	52.0	52.0	NA	NA	750387.82	1149546.25	532.53	Iron / Open	X		
BR-12	07/28/00	Monitor	North Source	42.0	42.0	NA	NA	750195.19	1150010.12	531.90	Iron / Open	X		
BR-13	07/28/00	Monitor	Perimeter	67.5	67.5	NA	NA	750197.49	1150044.27	532.01	Iron / Open	X		
BR-14	07/28/00	Monitor	North Plume (Deep)	75.3	75.3	NA	NA	750260.61	1150052.20	531.67	Iron / Open	X		
BR-15	07/26/00	Monitor	North Source	72.0	72.0	NA	NA	750293.39	1149980.43	531.69	Iron / Open	X		
BR-16	07/26/00	Monitor	North Source	55.0	55.0	NA	NA	750223.79	1150013.71	531.32	Iron / Open	X		
BR-17	07/28/00	Monitor	South Source	52.0	52.0	NA	NA	750333.76	1149478.26	533.16	Iron / Open	X		
EW-N-1	08/15/00	Extraction	North Area	27.0	27.0	5.2	26.0	750198.77	1149956.96	529.28	Stainless / PVC		X	
EW-N-2	08/23/00	Extraction	North Area	27.0	27.0	5.5	26.0	750225.81	1149942.16	528.76	Stainless / PVC		X	
EW-N-3	08/22/00	Extraction	North Area	26.8	26.8	5.2	25.8	750217.16	1149980.06	528.69	Stainless / PVC		X	
EW-N-4	08/23/00	Extraction	North Area	26.0	26.0	7.2	25.0	750259.43	1149928.84	529.32	Stainless / PVC		X	
EW-N-5	08/16/00	Extraction	North Area	27.0	27.0	5.5	26.0	750257.98	1149972.33	528.26	Stainless / PVC		X	
EW-N-6	08/18/00	Extraction	North Area	25.5	25.0	6.1	24.0	750293.49	1149957.98	529.18	Stainless / PVC		X	
EW-S-1S	10/01/98	Extraction	South Area	14.0	13.7	4.3	13.7	750332.80	1149428.08	529.41	Stainless		X	
EW-S-1D	10/01/98	Extraction	South Area	18.3	18.3	4.3	17.9	750327.22	1149428.49	529.41	Stainless		X	
EW-S-2	07/26/00	Extraction	South Area	23.1	22.0	5.5	21.0	750256.26	1149404.38	528.68	Stainless / PVC		X	
EW-S-3	07/28/00	Extraction	South Area	23.5	22.0	5.5	21.0	750301.18	1149370.46	529.55	Stainless / PVC		X	
EW-S-4	07/26/00	Extraction	South Area	23.5	22.0	5.5	21.0	750293.94	1149418.71	532.41	Stainless / PVC		X	
EW-S-5	08/01/00	Extraction	South Area	23.5	22.5	5.8	21.5	750325.14	1149386.52	529.53	Stainless / PVC		X	
EW-S-6	07/31/00	Extraction	South Area	22.9	22.4	5.9	20.9	750341.87	1149362.58	529.27	Stainless / PVC		X	
EW-S-7	08/07/00	Extraction	South Area	23.1	22.5	5.9	21.6	750339.03	1149413.8	529.59	Stainless / PVC		X	
EW-S-8	08/02/00	Extraction	South Area	23.0	22.5	5.8	21.5	750359.86	1149402.69	529.65	Stainless / PVC		X	
EW-S-9	08/03/00	Extraction	South Area	23.0	22.5	6.0	21.5	750355.07	1149440.13	532.99	Stainless / PVC		X	

Appendix F
Well Construction Information

2006 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

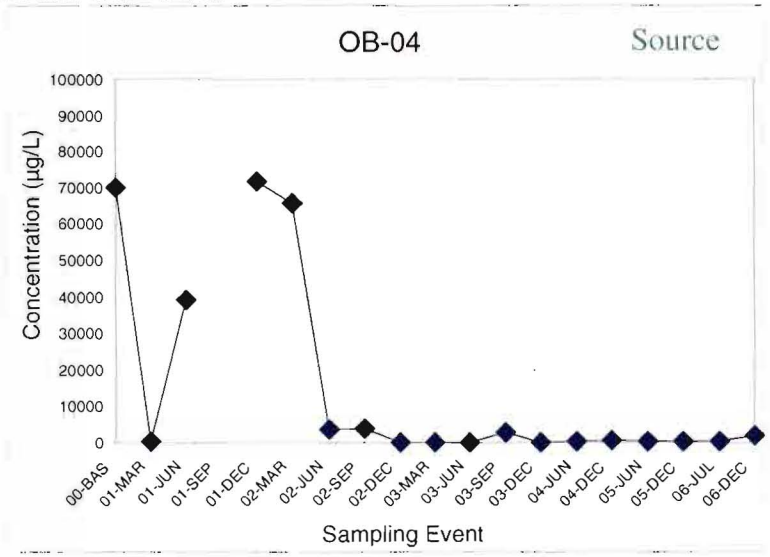
						Screen Interval		Survey Coordinates			Well Material	Completion		
Well ID	Date Installed	Well Purpose/Type	Well Location	Boring Depth	Well Depth	Top	Bottom	Easting	Northing	Elevation	Riser/Screen	Flush-mount	Vault	Stick-up
EW-S-10	08/09/00	Extraction	South Area	22.6	22.5	6.0	21.5	750381.30	1149367.65	529.43	Stainless / PVC		X	
EW-S-11	08/08/00	Extraction	South Area	22.6	22.5	5.9	22.0	750377.04	1149418.02	529.50	Stainless / PVC		X	
EW-S-12	08/04/00	Extraction	South Area	22.3	22.3	5.8	21.3	750375.38	1149466.45	529.96	Stainless / PVC		X	
EW-S-13	08/10/00	Extraction	South Area	22.0	22.0	6.0	21.0	750399.16	1149448.68	529.53	Stainless / PVC		X	
EW-S-14	08/11/00	Extraction	South Area	22.0	22.0	5.6	21.0	750406.59	1149410.24	529.37	Stainless / PVC		X	
EW-S-15	08/14/00	Extraction	South Area	22.0	21.8	5.2	20.8	750414.78	1149480.34	529.96	Stainless / PVC		X	
EW-S-16	08/10/00	Extraction	South Area	21.3	21.3	5.2	20.3	750433.72	1149448.95	529.57	Stainless / PVC		X	
BREW-S-1	08/03/00	Extraction	South Area	61.8	61.8	26.6	56.4	750368.27	1149458.11	533.67	Stainless / PVC		X	
BREW-N-1	08/17/00	Extraction	North Area	75.8	75.8	25.8	70.3	750253.53	1150013.88	531.68	Stainless / PVC		X	
OB-04	09/05/97	Monitor	South Source	17.5	17.5	2.5	17.5	750329.65	1149422.19	532.80	PVC	X		
OB-05	09/05/97	Monitor	North Source	18.0	18.0	4.0	18.0	750223.51	1149958.83	531.50	PVC	X		
OB-06	07/19/00	Monitor	South Source	17.0	17.0	6.8	16.8	750421.89	1149461.50	532.60	PVC	X		
OB-07	07/19/00	Monitor	South Plume	20.5	20.5	10.2	20.2	750461.13	1149512.60	533.03	PVC	X		
OB-08	07/28/00	Monitor	North Source	25.5	25.3	15.3	25.1	750279.00	1149957.45	531.64	PVC	X		
OB-09	07/28/00	Monitor	North Plume	23.5	23.3	13.3	23.1	750312.26	1149992.94	531.85	PVC	X		
TW-01	03/12/96	Monitor	Perimeter	22.0	22.0	17.0	22.0	750548.13	1149471.23	533.30	PVC	X		
TW-04	03/15/96	Monitor	Perimeter	17.5	17.3	12.3	17.3	750552.18	1149648.54	536.34	PVC			X
TW-07	03/15/96	Monitor	Perimeter	17.5	17.5	12.5	17.5	750546.69	1149830.01	532.55	PVC	X		
TW-09	03/30/96	Monitor	Perimeter	16.0	16.0	11.0	16.0	750542.22	1149971.84	532.30	PVC	X		
TW-13	03/12/96	Monitor	Upgradient	15.0	15.0	10.0	15.0	750086.24	1150016.03	531.69	PVC	X		
TW-17	03/13/96	Monitor	Perimeter	15.0	15.0	10.0	15.0	750373.39	1150088.34	531.86	PVC			X
TW-20	03/13/96	Monitor	Perimeter	15.0	15.0	10.0	15.0	750547.88	1150118.75	532.42	PVC			X
TW-74	04/09/96	Monitor	Mid-Plume	15.0	15.0	7.5	15.0	750407.92	1149841.78	531.96	PVC	X		
W-1	09/16/82	Monitor	Perimeter	14.0	14.0	7.0	13.9	750490.21	1149147.95	534.10	PVC			X
W-2	09/15/82	Monitor	Background	21.0	18.0	13.0	18.0	749940.43	1149136.77	539.10	PVC			X
W-3	09/16/82	Monitor	Upgradient	24.0	17.0	16.0	21.0	750168.37	1149794.82	533.00	PVC	X		
W-4	09/22/82	Monitor	Upgradient	29.0	26.0	21.0	26.0	749977.63	1149996.42	533.12	PVC			X
W-5	09/15/82	Monitor	Perimeter	24.0	20.5	15.5	20.5	750248.88	1150056.27	531.52	PVC	X		
W-6	09/15/82	Monitor	Upgradient	16.5	15.0	13.0	15.0	750288.78	1149332.79	532.66	PVC	X		

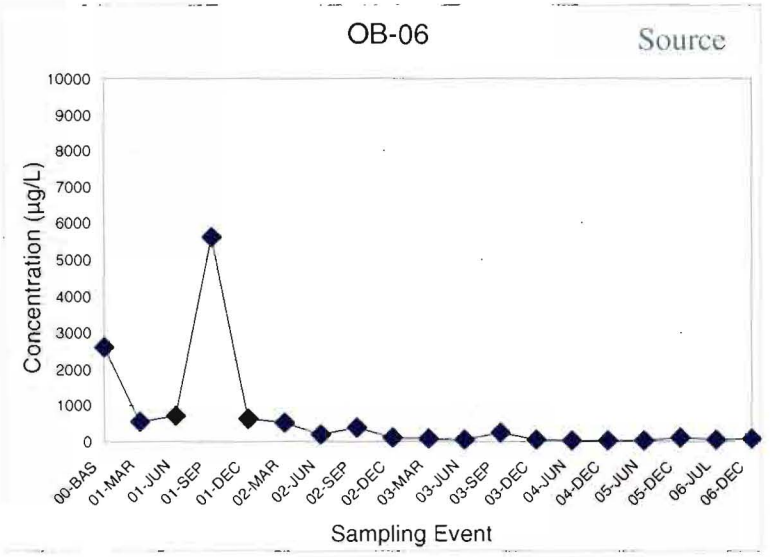
APPENDIX G

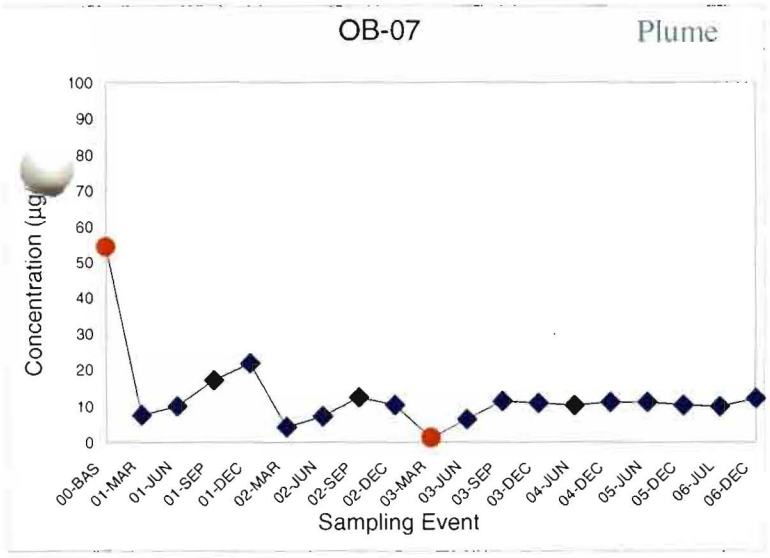
MONITOR WELL CONCENTRATION TREND GRAPHS

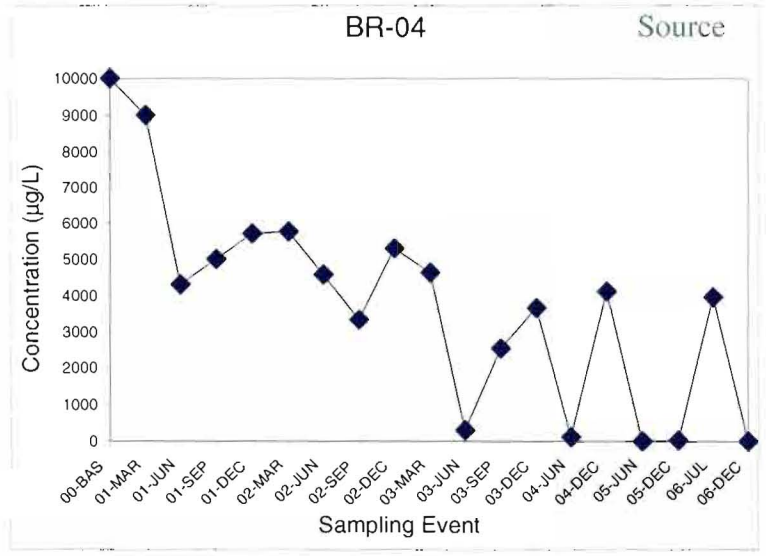
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

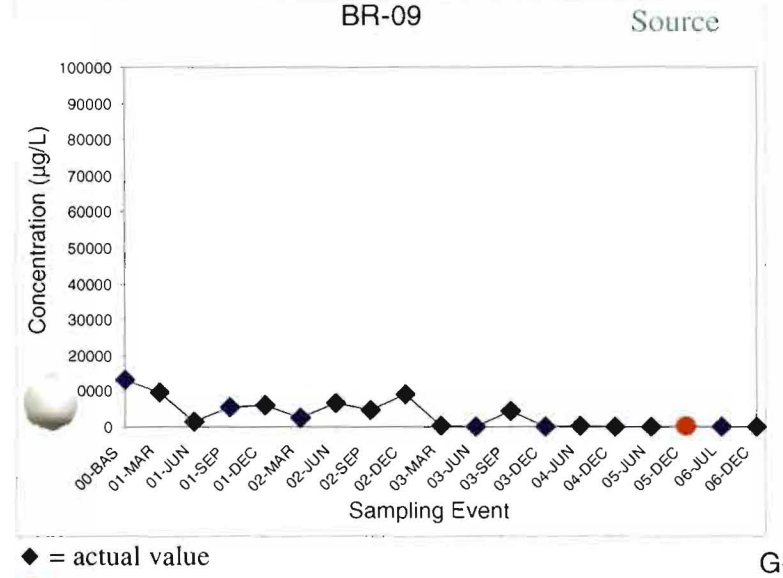
South TCE Area

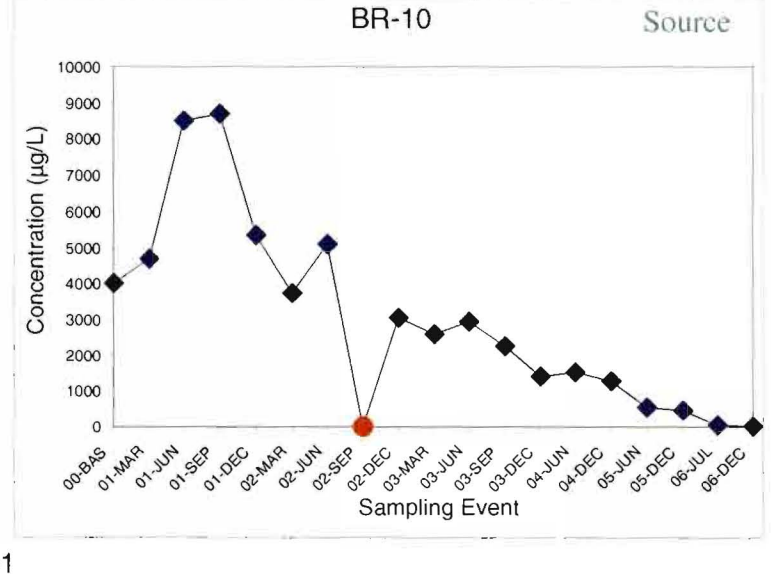








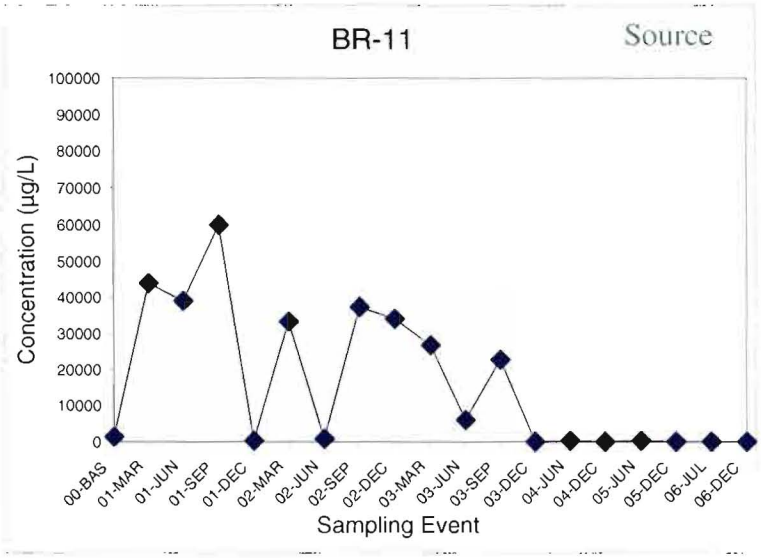


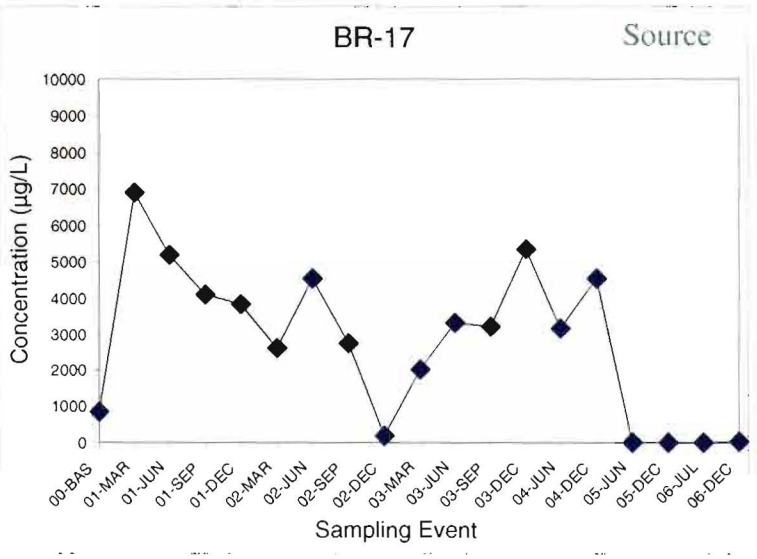


◆ = actual value
● = value below graphed detection limit

Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

South TCE Area





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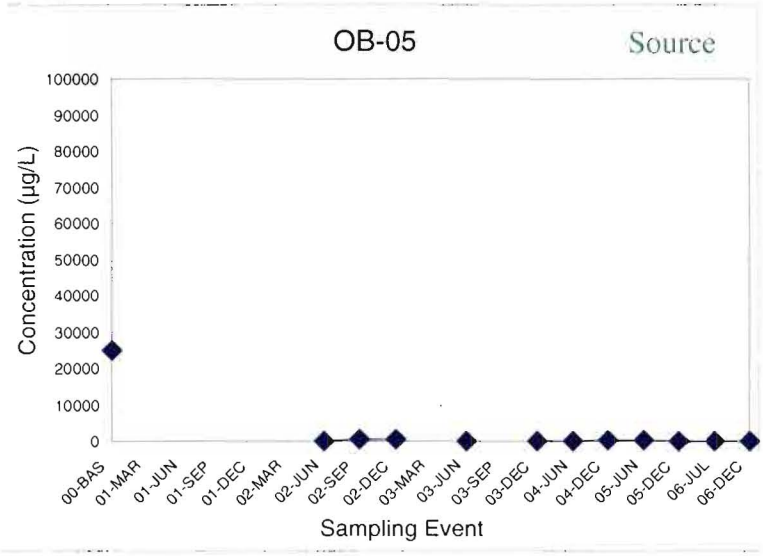
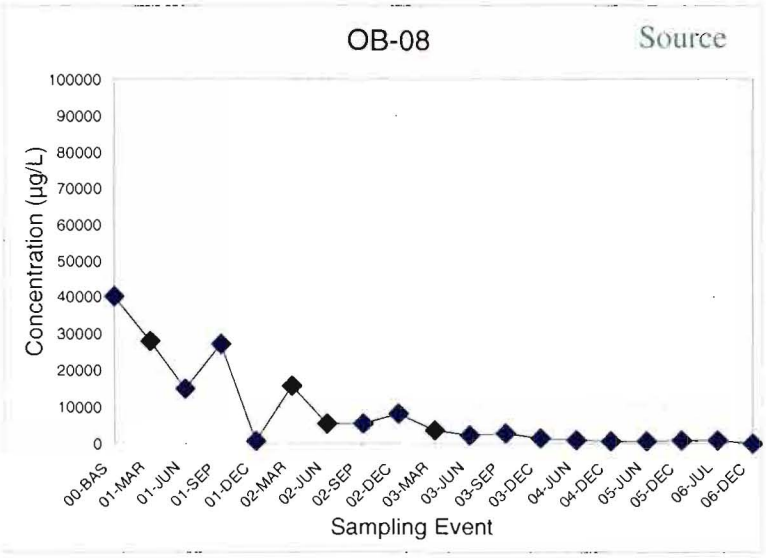
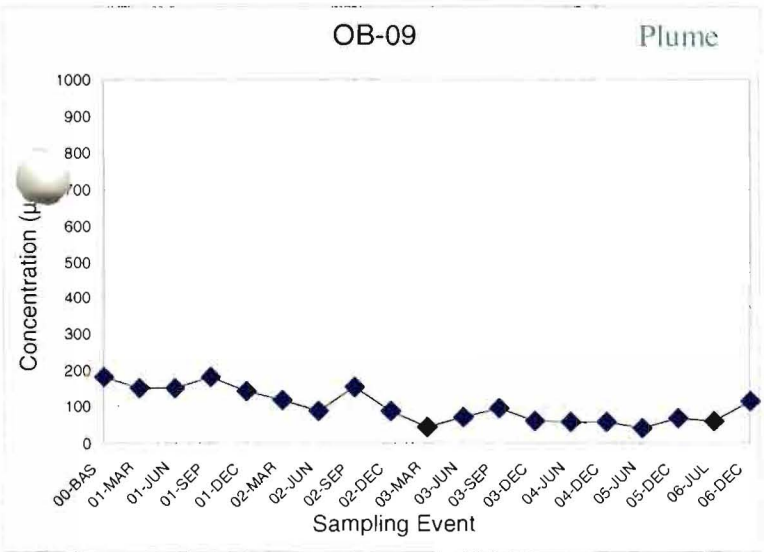
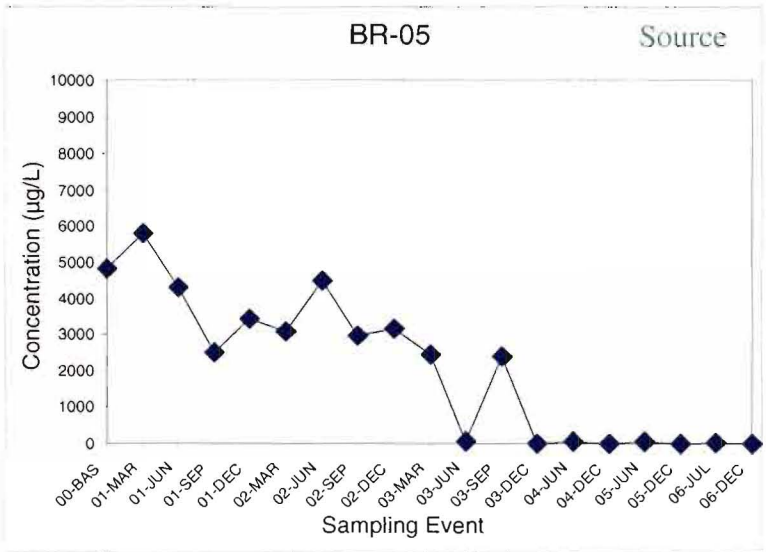
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

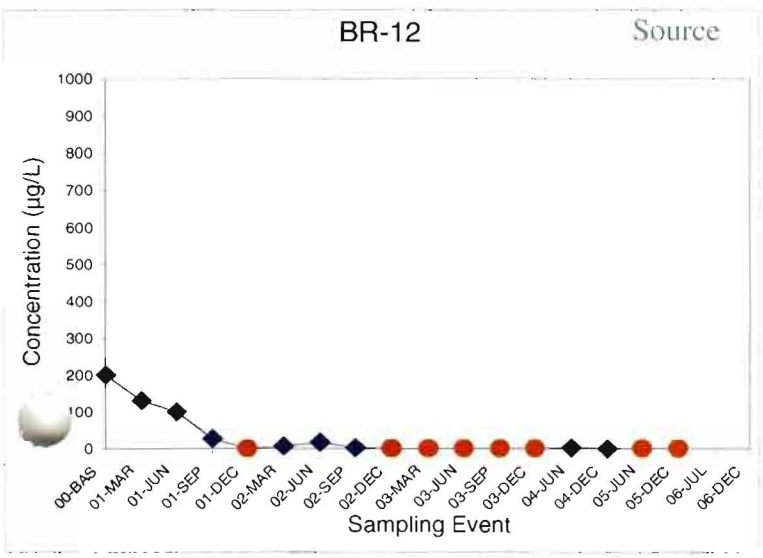
North TCE Area

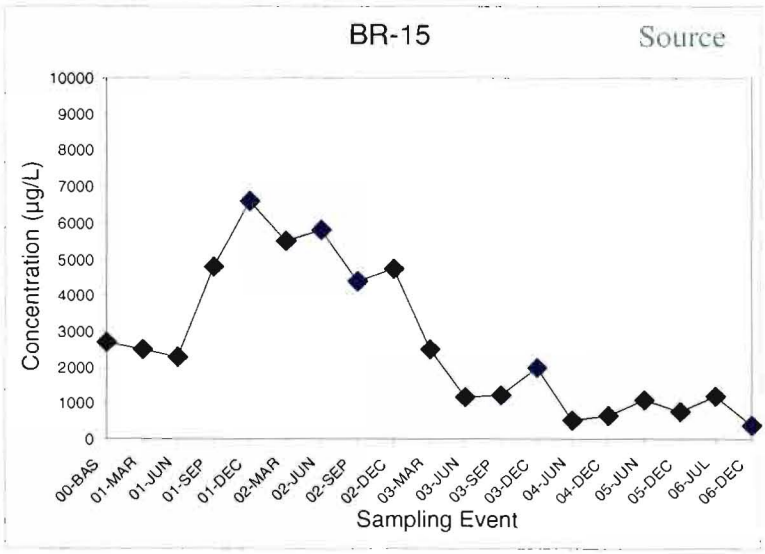












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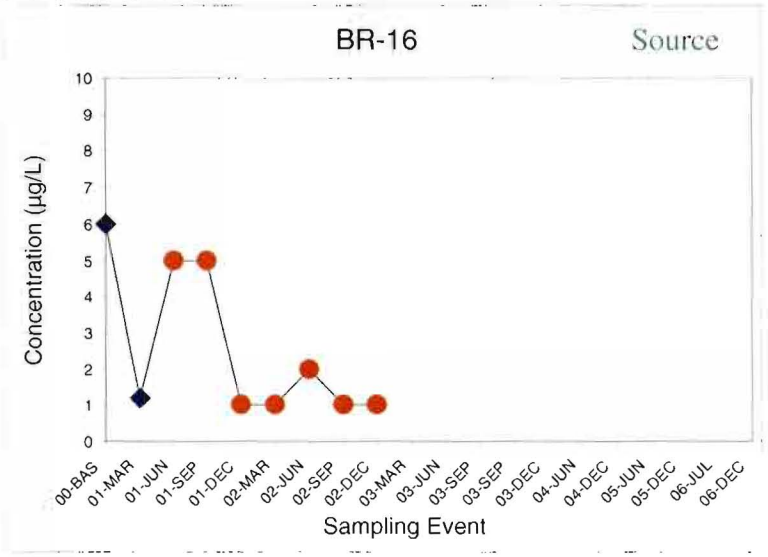
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

North TCE Area



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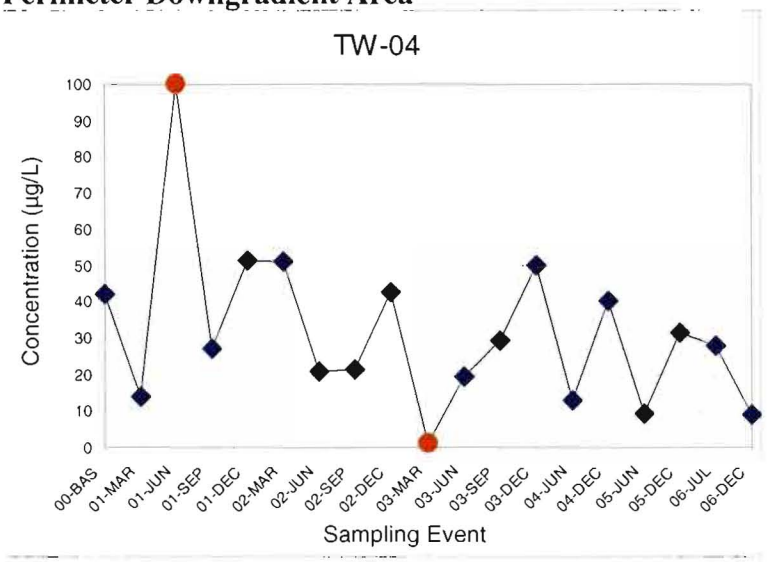
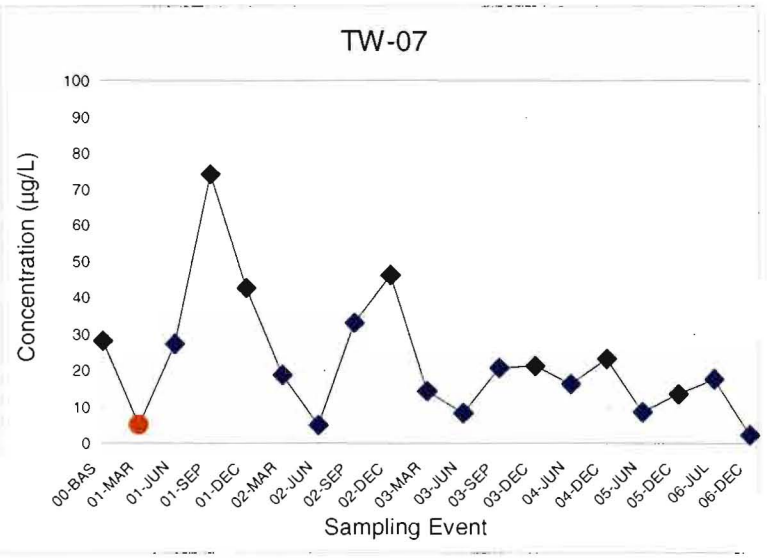
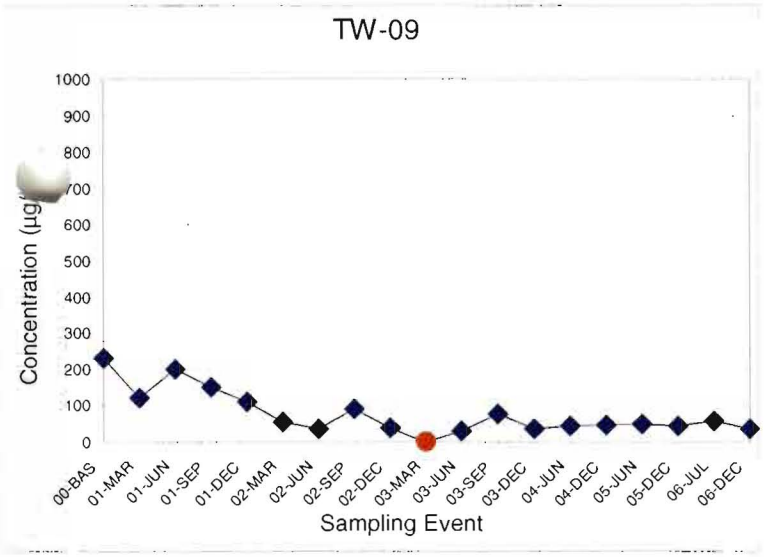
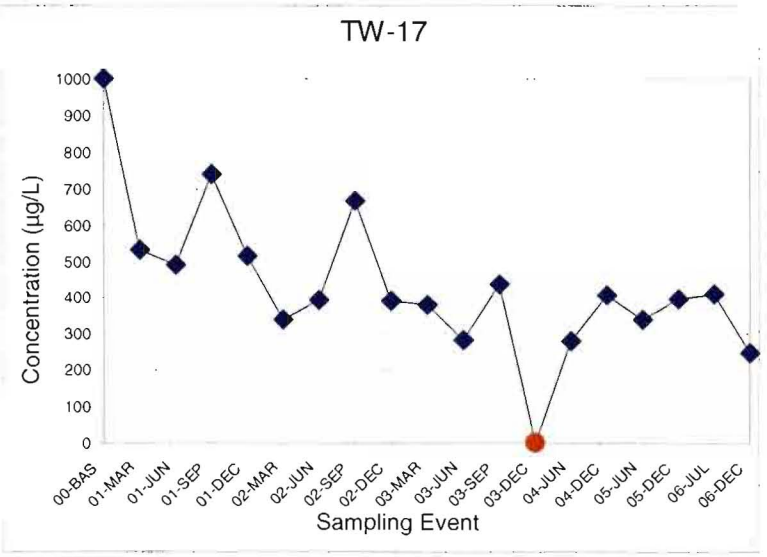
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

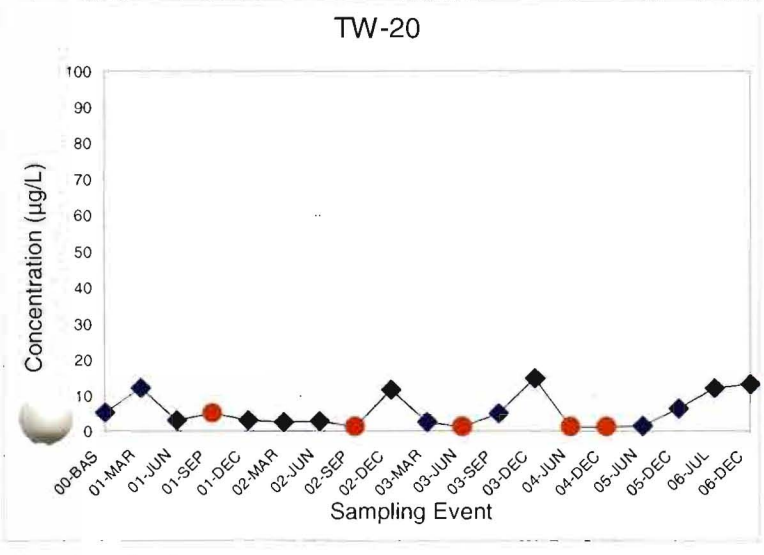
Perimeter Downgradient Area

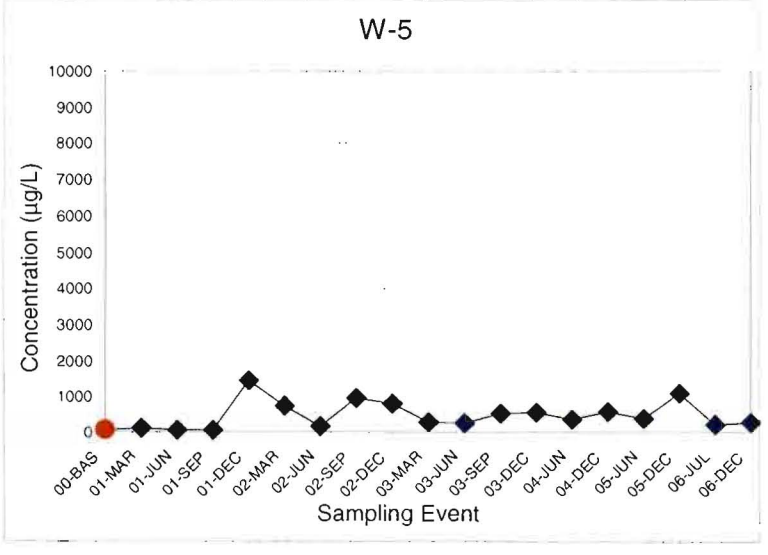












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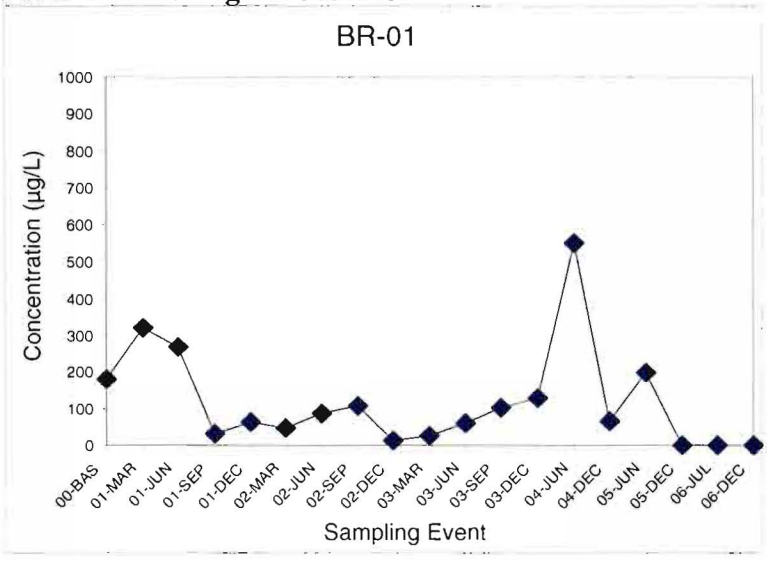
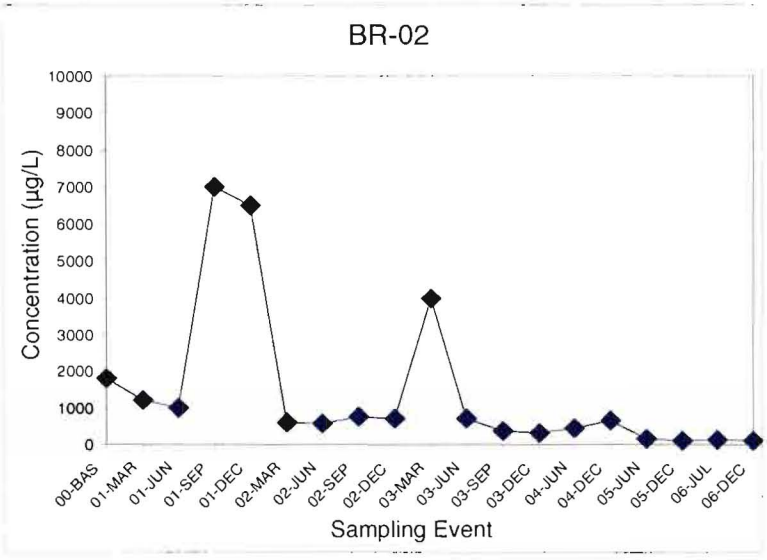
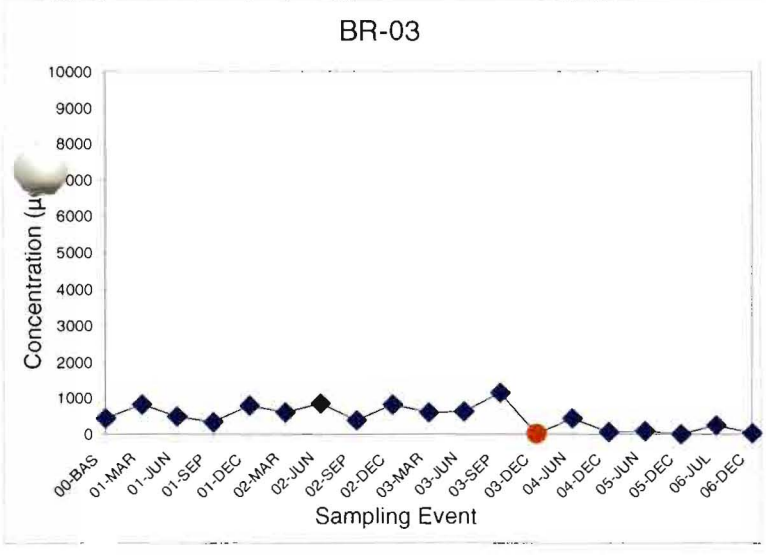
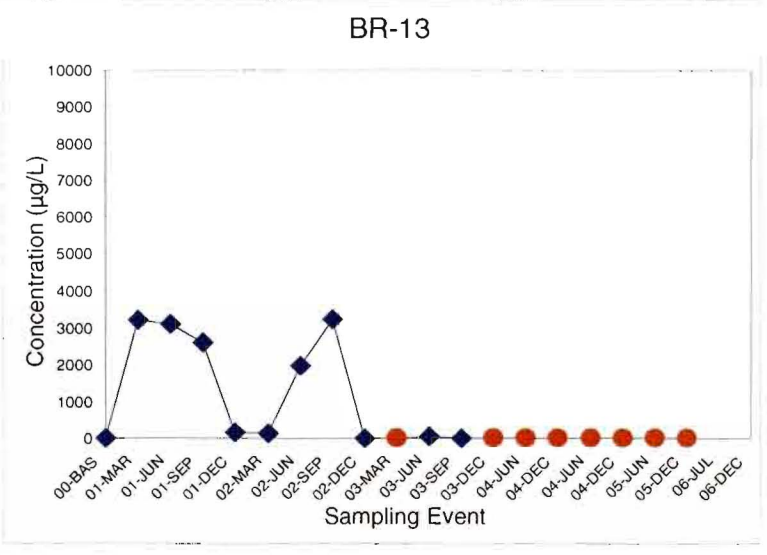
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

Perimeter Downgradient Area





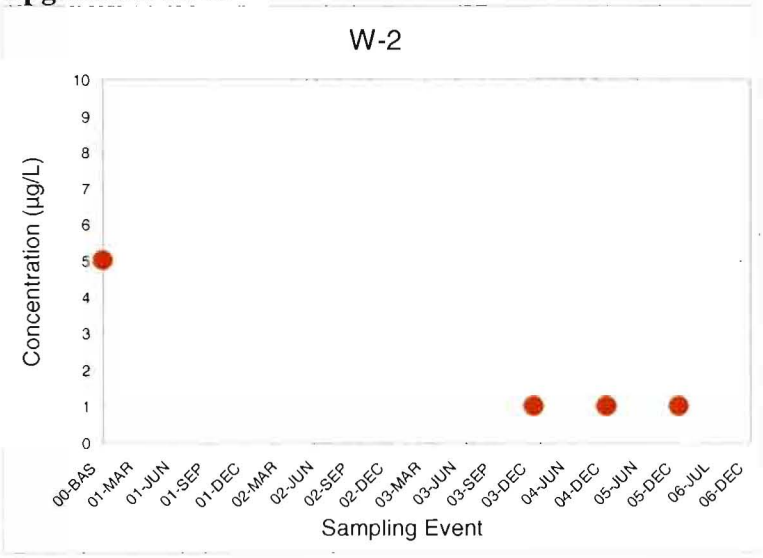


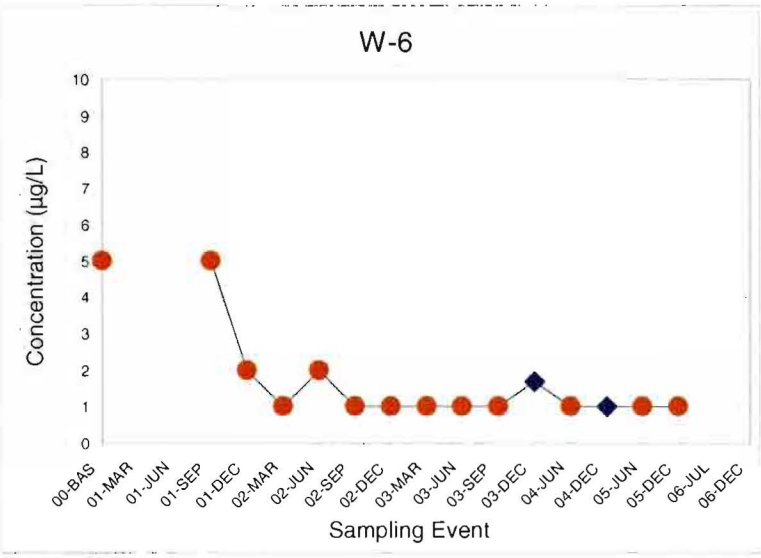


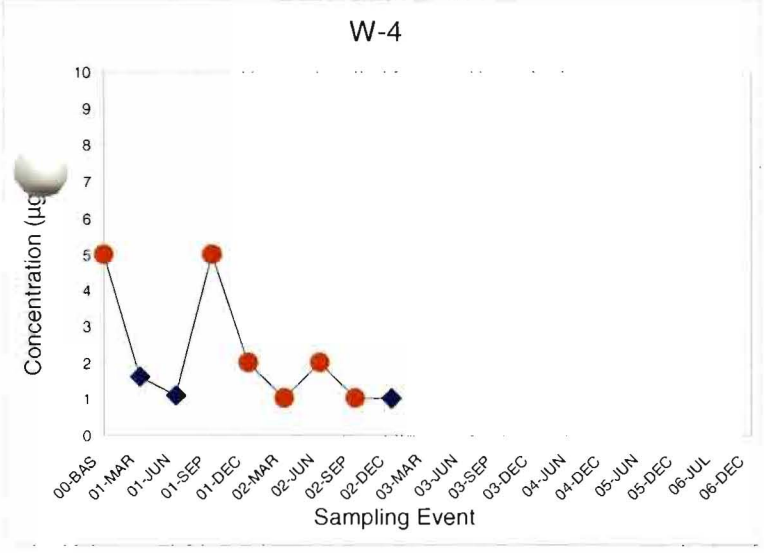
◆ = actual value
● = value below graphed detection limit

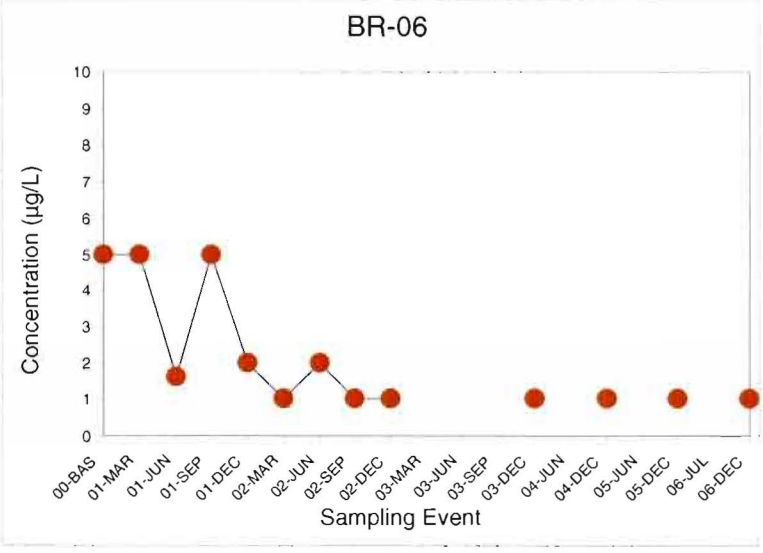
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

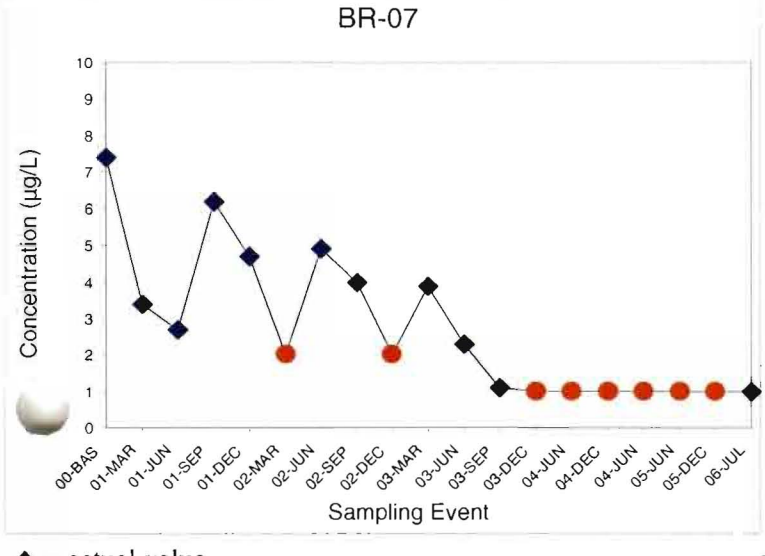
Upgradient Area

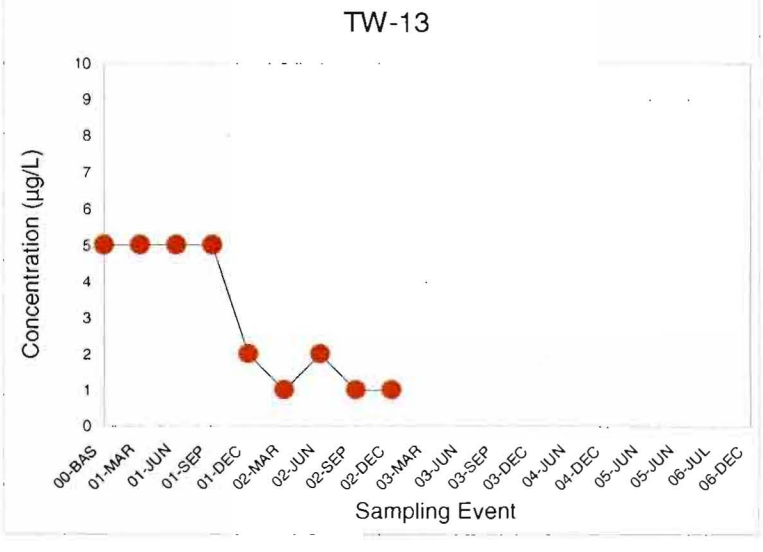








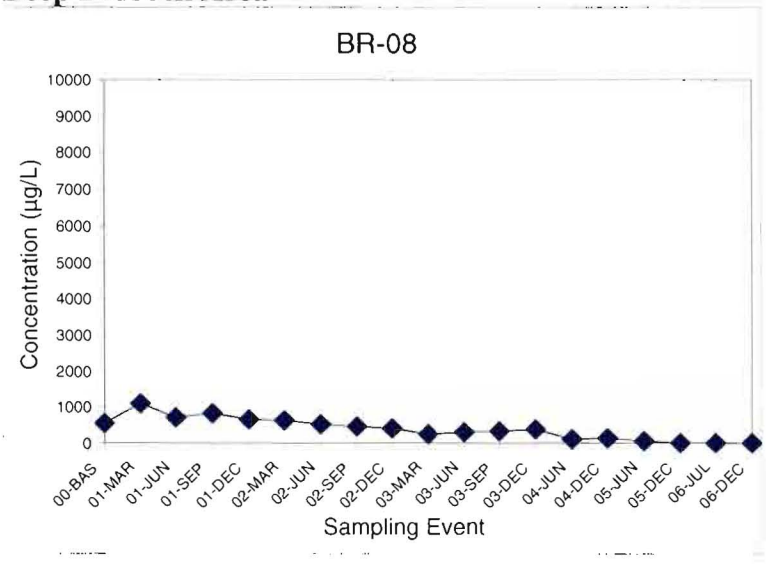


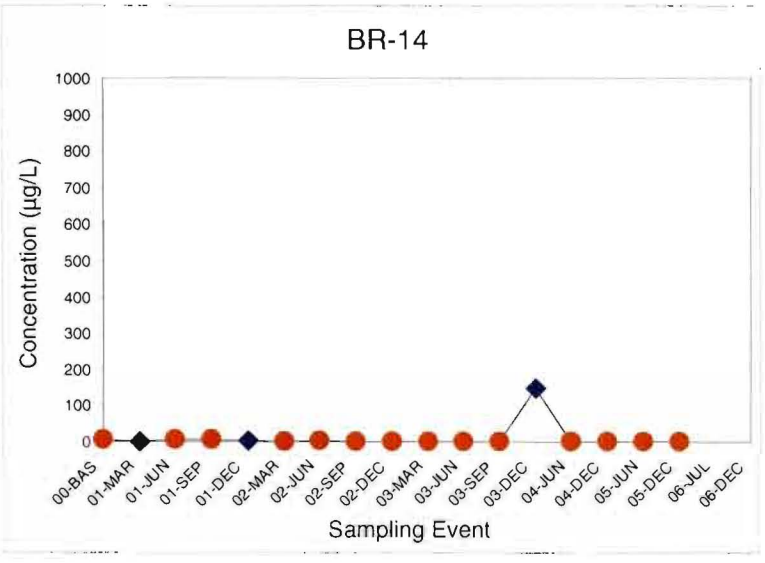


◆ = actual value
● = value below graphed detection limit

Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

Deep Bedrock Area





◆ = actual value
● = value below graphed detection limit

2006 ANNUAL PROGRESS REPORT AND REMEDIAL PROGRESS EVALUATION

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