5

2007 ANNUAL PROGRESS REPORT AND REMEDIAL PROGRESS EVALUATION

FORMER TAYLOR INSTRUMENTS SITE
ROCHESTER, NEW YORK

PREPARED FOR:

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MACTEC

TABLE OF CONTENTS

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Section	Description	Page No.
1.0	INTRODUCTION	1-1
2.0	SCOPE OF WORK	2-1
2.1	May and December 2007 Semi-Annual Sampling Events	2-1
2.2	Pilot Test Activities	2-1
3.0	SUMMARY OF RESULTS	3-1
3.1	North and South TCE Source Areas	3-1
3.2	Upgradient Monitor Wells	3-10
3.3	Perimeter Downgradient Monitor Wells	3-11
3.4	Potentiometric Surface	3-12
4.0	ANALYTICAL PROGRAM	4-1
4.1	Precision	4-1
4.2	Accuracy	4-3
4.3	Representativeness	4-3
4.4	Completeness	4-4
4.5	Comparability	4-4
5.0	CONCLUSIONS AND RECOMMENDATIONS	5-1
6.0	REFERENCES	6-1

APPENDICES

Appendix A: Figures
Appendix B: Historical Summary of Results
Appendix C: Laboratory Reports (see enclosed CD)
Appendix D: Chain-of-Custody Forms (see enclosed CD)
Appendix E: Field Data Records (see enclosed CD)
Appendix F: Well Construction Information
Appendix G: Monitor Well Concentration Trend Graphs

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LIST OF FIGURES

Figure No. **Description**

Figures are contained in Appendix A

Figure 1 Well Locations
Figure 2 VOCs in Overburden Monitor Wells
Figure 3 VOCs in Bedrock Monitor Wells
Figure 4 Overburden Potentiometric Surface Map, May 2007 Sampling Event
Figure 5 Bedrock Groundwater Elevations, May 2007 Sampling Event
Figure 6 Overburden Potentiometric Surface Map, December 2007 Sampling Event
Figure 7 Bedrock Groundwater Elevations, December 2007 Sampling Event

LIST OF TABLES

Table No. **Description** **Page No.**

Table 2-1 Samples and Analysis.....2-2
Table 3-1 Summary of Extraction Well VOC Results for the Baseline Sampling Event.....3-2
Table 3-2 Summary of Overburden VOC Results for the 2006-2007 Sampling Events.....3-3
Table 3-3 Summary of Bedrock VOC Results for the 2006-2007 Sampling Events.....3-5
Table 3-4 Decline of TCE Concentrations Over Time.....3-9

LIST OF ACRONYMS

µg/L	micrograms per liter
%R	percentage of recovery
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)
HRC™-Advanced	Hydrogen Release Compound™-Advanced (a Regenesis product)
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
PARCC	precision, accuracy, representativeness, completeness, and comparability
QC	quality control
RPD	relative percent difference
System	dual-phase vacuum extraction and groundwater remedial treatment system
TCE	trichloroethene
VOC	volatile organic compound

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1.0 INTRODUCTION

This report summarizes activities and results for the semi-annual sampling events for the year 2007. It also discusses the continued remedial progress of the site after operation of a dual-phase vacuum extraction (DPVE) system and bedrock groundwater extraction system (System) from 2001-2006 and after an accelerated bioremediation pilot test (2006-2007). 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, 2005). 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 2007 was conducted in May and the second in December. A summary of the sampling event results for 2001-2006 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 had been measured by the change in trichloroethene (TCE) in on-site monitoring wells and System performance data, including influent groundwater results and contaminant mass removal quantities. Since the extraction of contaminant mass by the System had reached asymptotic levels, an accelerated bioremediation pilot test was initiated in 2006. MACTEC received NYSDEC approval for the pilot test via letter dated August 22, 2006 (NYSDEC, 2006). The System was shut down in August 2006 as part of a bioremediation pilot test, and remained off for all of 2007, to optimize conditions that are favorable for the pilot test. Consequently, in 2007 the Site's remedial progress was measured by the change in TCE concentrations in on-site monitor wells. TCE has been used to track remedial progress because it is the primary contaminant of concern remaining at the site.

Overall declines of TCE contamination have occurred in all of the on-site monitor wells. Results from the pilot test performance monitoring, which concluded in December 2007, will be reported to NYSDEC in the Accelerated Bioremediation Pilot Test Final Report (MACTEC, 2008 pending). Additionally, off-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 MAY AND DECEMBER 2007 SEMI-ANNUAL SAMPLING EVENTS

MACTEC Engineering and Consulting, Inc. (MACTEC) personnel performed the May and December sampling events to provide an inclusive set of groundwater analytical data for the annual period of 2007. Thirty-six samples in May and 37 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). Data for dissolved oxygen, oxygen reduction potential, pH, and temperature was collected in the field during each sampling event. Twelve of the 36 May samples and 12 of the 37 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-of-custody forms for all samples are located in Appendices C and D, 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 PILOT TEST ACTIVITIES

As an alternative to continued operation of the DPVE and bedrock groundwater extraction System, accelerated bioremediation using Hydrogen Release Compound™-Advanced (HRC™ - Advanced, a Regenesis product) was evaluated to supplement remedial efforts at the Site. MACTEC performed the field activities to inject HRC™- Advanced into the on-site groundwater from September 24-29, 2006. The injections were made in the South TCE Source Area near OB-04 and in the North TCE Source Area near OB-08. 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 from November 2006 to April 2007, and quarterly monitoring events were performed in July

Table 2-1
Samples and Analysis

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Sample Date	VOCs[1] Analysis	Description
BR-01	05/02/07	X	Environmental Sample
	12/10/07	X	Environmental Sample
BR-02	05/02/07	X	Environmental Sample
	12/10/07	X	Environmental Sample
BR-03	05/01/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
BR-04	05/01/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
BR-05	05/02/07	X	Environmental Sample
	12/13/07	X	Environmental Sample
BR-05 (MS)	05/02/07	X	Matrix Spike
	12/13/07	X	Matrix Spike
BR-05 (MSD)	05/02/07	X	Matrix Spike Duplicate
	12/13/07	X	Matrix Spike Duplicate
BR-06	12/10/07	X	Environmental Sample
BR-07	05/01/07	X	Environmental Sample
	12/10/07	X	Environmental Sample
BR-07 (DUP)	12/10/07	X	Duplicate
BR-08	05/02/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
BR-09	05/01/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
BR-10	05/02/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
BR-11	05/01/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
BR-11 (DUP)	05/01/07	X	Duplicate
BR-15	05/02/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
BR-17	05/01/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
OB-04	05/03/07	X	Environmental Sample
	12/13/07	X	Environmental Sample
OB-05	05/03/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
OB-06	05/03/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
OB-07	05/03/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
OB-07 (MS)	05/03/07	X	Matrix Spike
	12/11/07	X	Matrix Spike
OB-07 (MSD)	05/03/07	X	Matrix Spike Duplicate
	12/11/07	X	Matrix Spike Duplicate

See notes at end of table.

Table 2-1 (Continued)
Samples and Analysis

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Sample Date	VOCs[1] Analysis	Description
OB-08	05/03/07	X	Environmental Sample
	12/13/07	X	Environmental Sample
OB-09	05/03/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
QAFB01	05/01/07	X	Field Blank
	12/10/07	X	Field Blank
QAFB02	05/03/07	X	Field Blank
	12/13/07	X	Field Blank
QARB01	05/01/07	X	Rinsate Blank
	12/10/07	X	Rinsate Blank
QARB02	05/03/07	X	Rinsate Blank
	12/13/07	X	Rinsate Blank
QATB01	05/01/07	X	Trip Blank
	12/11/07	X	Trip Blank
QATB02	05/03/07	X	Trip Blank
	12/13/07	X	Trip Blank
TW-04	05/03/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
TW-07	05/03/07	X	Environmental Sample
	12/10/07	X	Environmental Sample
TW-09	05/03/07	X	Environmental Sample
	12/13/07	X	Environmental Sample
TW-17	05/02/07	X	Environmental Sample
	12/12/07	X	Environmental Sample
TW-20	05/02/07	X	Environmental Sample
	12/11/07	X	Environmental Sample
W-5	05/03/07	X	Environmental Sample
	12/13/07	X	Environmental Sample
W-5 (DUP)	05/03/07	X	Duplicate
	12/13/07	X	Duplicate

[1] VOCs analyzed by Method 8260B.

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

Prepared by J. Stone on 1-21-08

Checked by J Deatherage on 1-24-08

and October 2007. MACTEC will submit the Accelerated Bioremediation Pilot Test Final Report (MACTEC, 2008 pending) to the NYSDEC on January 4, 2008. The report will summarize the results from the pilot testing and provide conclusions on the effectiveness of the HRC™-Advanced.

3.0 SUMMARY OF RESULTS

Presented below are the results of the groundwater sampling events conducted from November 2000 to December 2007. Also included is a discussion of contaminant trends from the baseline event (November/ December 2000) through 20 subsequent events.

The wells sampled during the semi-annual (May and December 2007) 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 2006 and 2007 sampling events are summarized in Tables 3-2 and 3-3. These tables present only detected 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 2001-2007 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 well OB-04, the South TCE Source Area HRC™-Advanced pilot test monitoring well, decreased from 1,920 micrograms per liter (μg/L) in December 2006 to 618 μg/L in May 2007 and 109 μg/L in December 2007.

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

2007 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)
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 2006-2007 Sampling Events

2007 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	07/20/06	252	153	1.56	--	--
OB-04	12/06/06	1,920	892	--	--	1.19
OB-04	05/03/07	618	399	3.19	--	--
OB-04	12/13/07	109	1,350	5.43	2.19	95.1
OB-05	07/21/06	69.9	--	--	--	--
OB-05	12/07/06	133	1.31	--	--	--
OB-05	05/03/07	98.8	1.35	--	--	--
OB-05	12/12/07	232	2.88	--	--	--
OB-06	07/21/06	60.5	2.59	--	--	--
OB-06	12/10/06	87.8	2.69	--	--	--
OB-06	05/03/07	66.3	4.85	--	--	--
OB-06	12/12/07	82.9	3.31	--	--	--
OB-07	07/19/06	9.90	--	--	--	--
OB-07	12/11/06	12.0	--	--	--	--
OB-07	05/03/07	2.37	--	--	--	--
OB-07	12/11/07	10.2	--	--	--	--
OB-08	07/21/06	890	7.85	3.91	--	--
OB-08	12/06/06	73.7	1,550	10.7	--	--
OB-08	05/03/07	2.48	3,750	29.6	12.7	3.08
OB-08	12/13/07	--	1,150	32.0	4.24	1.54
OB-09	07/18/06	60.4	2.26	--	--	--
OB-09	12/05/06	115	5.17	--	--	--
OB-09	05/03/07	41.6	1.88	--	--	--
OB-09	12/12/07	98.4	18.0	--	--	--
TW-04	07/18/06	27.9	--	--	--	--
TW-04	12/11/06	8.99	--	--	--	--
TW-04	05/03/07	4.66	--	--	--	--
TW-04	12/11/07	15.2	--	--	--	--
TW-07	07/18/06	17.6	18.3	5.56	--	--
TW-07	12/05/06	2.09	--	--	--	--
TW-07	05/03/07	1.11	--	--	--	--
TW-07	12/10/07	20.1	3.85	4.24	--	--
TW-09	07/18/06	56.7	1.35	--	--	--
TW-09	12/06/06	34.3	2.60	--	--	--
TW-09	05/03/07	31.2	3.01	1.46	--	--
TW-09	12/13/07	29.8	1.28	--	--	--
TW-17	07/18/06	410	2.04	--	--	--
TW-17	12/06/06	246	7.47	--	--	--
TW-17	05/02/07	253	5.87	--	--	--
TW-17	12/12/07	296	3.98	--	--	--

See notes at end of table.

Table 3-2 (Continued)
Summary of Overburden VOC Results for the 2006-2007 Sampling Events

2007 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)
TW-20	07/18/06	12.0	--	--	--	--
TW-20	12/06/06	13.2	--	--	--	--
TW-20	05/02/07	8.28	--	--	--	--
TW-20	12/11/07	4.58	--	--	--	--
W-2	07/06	NS	NS	NS	NS	NS
W-2	12/06	NS	NS	NS	NS	NS
W-2	05/07	NS	NS	NS	NS	NS
W-2	12/07	NS	NS	NS	NS	NS
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-5	05/03/07	1,140	340	4.61	--	4.43
W-5 (DUP)	05/03/07	1,070	336	4.60	--	4.00
W-5	12/13/07	835	158	3.83	--	22.1
W-5 (DUP)	12/13/07	850	124	3.36	--	16.1
W-6	07/06	NS	NS	NS	NS	NS
W-6	12/06	NS	NS	NS	NS	NS
W-6	05/07	NS	NS	NS	NS	NS
W-6	12/07	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 J. Deatherage on 1-2-08
Checked by J. Stone on 1-21-08

Table 3-3
Summary of Bedrock VOC Results for the 2006-2007 Sampling Events

2007 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	07/19/06	--	3.09	--	--	--
BR-01	12/08/06	--	3.73	--	--	--
BR-01	05/02/07	67.5	10.6	--	--	--
BR-01	12/10/07	--	70.6	4.33	--	--
BR-02	07/19/06	120	16.9	8.29	--	--
BR-02	12/08/06	113	31.1	11.3	--	--
BR-02	05/02/07	409	118	15.2	1.26	--
BR-02	12/10/07	134	38.6	14.1	--	--
BR-03	07/19/06	248	6.97	--	--	--
BR-03	12/08/06	29.7	27.3	--	--	--
BR-03	05/01/07	701	7.32	--	1.89	--
BR-03	12/11/07	35.4	21.8	--	--	--
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-04	05/01/07	56.9	446	12.7	1.09	--
BR-04	12/12/07	8.64	240	4.36	--	3.07
BR-05	07/20/06	14.4	95.5	5.52	--	6.68
BR-05	12/09/06	1.25	4.51	--	--	--
BR-05	05/02/07	24.8	75.9	5.00	--	9.10
BR-05	12/13/07	--	--	--	--	--
BR-06	07/06	NS	NS	NS	NS	NS
BR-06	12/08/06	--	--	--	--	--
BR-06	05/07	NS	NS	NS	NS	NS
BR-06	12/10/07	--	--	--	--	--
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-07	05/01/07	--	3.99	3.03	--	11.0
BR-07	12/10/07	--	5.45	7.07	--	14.8
BR-07 (DUP)	12/10/07	--	5.20	7.16	--	14.4
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-08 (Deep)	05/02/07	8.69	113	6.34	--	13.0
BR-08 (Deep)	12/11/07	3.91	75.1	3.45	--	5.25

See notes at end of table.

Table 3-3 (Continued)
Summary of Bedrock VOC Results for the 2006-2007 Sampling Events

2007 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-09	07/20/06	11.0	3.70	--	--	--
BR-09	12/09/06	1.39	--	--	--	--
BR-09	05/01/07	4.02	4.54	--	--	--
BR-09	12/12/07	1.28	2.14	--	--	--
BR-10	07/20/06	52.3	12.2	1.53	--	--
BR-10	12/08/06	28.2	15.0	1.26	--	--
BR-10	05/02/07	226	57.8	5.87	--	--
BR-10	12/12/07	17.8	3.83	--	--	--
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-11	05/01/07	4.17	84.2	8.76	--	1.48
BR-11 (DUP)	05/01/07	4.18	81.6	8.49	--	1.47
BR-11	12/11/07	3.94	61.8	7.80	--	3.91
BR-12	07/06	NS	NS	NS	NS	NS
BR-12	12/06	NS	NS	NS	NS	NS
BR-12	05/07	NS	NS	NS	NS	NS
BR-12	12/07	NS	NS	NS	NS	NS
BR-13	07/06	NS	NS	NS	NS	NS
BR-13	12/06	NS	NS	NS	NS	NS
BR-13	05/07	NS	NS	NS	NS	NS
BR-13	12/07	NS	NS	NS	NS	NS
BR-14 (Deep)	07/06	NS	NS	NS	NS	NS
BR-14 (Deep)	12/06	NS	NS	NS	NS	NS
BR-14 (Deep)	05/07	NS	NS	NS	NS	NS
BR-14 (Deep)	12/07	NS	NS	NS	NS	NS
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-15	05/02/07	235	44.4	1.41	--	--
BR-15	12/12/07	212	380	2.81	1.48	15.7
BR-16	07/06	NS	NS	NS	NS	NS
BR-16	12/06	NS	NS	NS	NS	NS
BR-16	05/07	NS	NS	NS	NS	NS
BR-16	12/07	NS	NS	NS	NS	NS
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
BR-17	05/01/07	26.4	42.5	6.36	--	--
BR-17	12/11/07	9.06	3.51	--	--	--

See notes at end of table.

Table 3-3 (Continued)
Summary of Bedrock VOC Results for the 2006-2007 Sampling Events

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

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 1-2-08

Checked by J. Stone on 1-21-08

The historical overall decline for OB-04 is 99 percent (Table 3-4). TCE concentrations in monitor well OB-06 decreased from 87.8 μg/L in December 2006 to 66.3 μg/L in May 2007. OB-06 TCE levels increased slightly in December 2007 to 82.9 μg/L. Overall TCE levels in OB-06 remain below baseline levels, resulting in a decline of 98 percent (Table 3-4).

Monitor Well OB-07 reported TCE concentrations of 2.37 μg/L and 10.2 μg/L in May and December 2007, respectively, resulting in a 53 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 133 μg/L (December 2006) to 98.8 μg/L in May 2007. TCE concentrations in OB-05 then increased to 232 μg/L in December 2007, but remain 99 percent less than baseline levels. TCE concentrations in monitor well OB-08, the North TCE Source Area pilot test monitoring well, decreased from 73.7 μg/L in December 2006 to 2.48 μg/L in May 2007, and were not detected in December 2007. TCE concentrations in OB-08 have declined 99 percent from the historical high value (Table 3-4). TCE concentrations in monitor well OB-09 decreased from 115 μg/L in December 2006 to 41.6 μg/L in May 2007, then increased to 98.4 μg/L in December 2007, with an overall 45 percent decrease from the historical high value (Table 3-4).

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 13.6 μg/L in December 2006 to 26.4 μg/L in May 2007, but decreased to 9.06 μg/L in December 2007. TCE concentrations in monitor well BR-09 increased slightly from 1.39 μg/L in December 2006 to 4.02 μg/L in May 2007 but decreased to 1.28 μg/L in December 2007. TCE concentrations in monitor well BR-10 increased from 28.2 μg/L in December 2007 to 226.0 μg/L in May 2007, but decreased to 17.8 μg/L in December 2007. TCE concentrations in BR-04 increased from 5.32 μg/L in December 2006 to 56.9 μg/L in May 2007, but

Table 3-4
Decline of TCE Concentrations Over Time

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Well ID[1]	Area	High (ppb) BL/ Post BL	December 2007 result	% Decline[2]
Source Area Monitor Wells				
OB-04	South	71,500	109	99
OB-06	South	5,600	82.9	98
OB-05	North	25,000	232	99
OB-08	North	40,000	1 U	99
BR-04	South	10,000	8.64	99
BR-09	South	13,000	1.28	99
BR-10	South	8,700	17.8	99
BR-11	South	60,000	3.94	99
BR-17	South	6,900	9.06	99
BR-05	North	5,800	1 U	99
BR-15	North	6,590	212	97
BR-08 (deep)	South	1,100	3.91	99
Plume Monitor Wells				
OB-07	South	21.8	10.2	53
OB-09	North	180	98.4	45
Perimeter Monitor Wells				
TW-04	South	51.1	15.2	70
TW-07	South	74	20.1	73
TW-17	North	1,000	296	70
TW-20	Between	14.8	4.58	69
TW-09	Between	230	29.8	87
BR-02	South	7,000	134	98
BR-06	South	1.6J	1 U	99
BR-03	South	1,150	35.4	97
BR-01	North	551	1 U	99
BR-07	North	7.4	1 U	99
W-5	North	1,435	835	42

[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 2007) to the highest BL/Post BL value.

Notes: U = no detections
BL = baseline
ID = identification
J = estimated

ppb = parts per billion
TCE = trichloroethylene

Prepared by J. Stone on 1-21-08

Checked by J Deatherage on 1-27-08

decreased to 8.64 μg/L in December 2007. TCE concentrations in BR-11 continued to decrease from 5.81 μg/L in December 2006 to 4.17 μg/L and 3.94 μg/L in May and December 2007, respectively. TCE concentrations for monitor wells BR-04, BR-09, BR-10, BR-11, and BR-17 remain well below the highest baseline or highest post baseline concentrations, each with an overall decline of 99 percent (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 May and December 2007 events based on recommendations made in earlier progress reports (MACTEC 2003 and MACTEC 2006) and thus will not be discussed.

TCE concentrations in monitor well BR-05 increased from 1.25 μg/L in December 2006 to 24.8 μg/L in May 2007, but were not detected in December 2007, resulting in a 99 percent decline from the historical high value (Table 3-4).

TCE concentrations in monitor well BR-15 decreased from 390 μg/L in December 2006 to 235 μg/L in May 2007 and to 212 μg/L in December 2007. The overall TCE decline from the historical high value is 97 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 May and December 2007 events based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006) 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 sampled annually; no TCE was detected in BR-06 during the December 2007 sampling event. TCE also was not detected in BR-07 in either May or December 2007. TCE concentrations remain below the highest reported values, with an overall decline of 99 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 increased from 263 µg/L in December 2006 to 1,140 µg/L in May 2007, but decreased to 835 µg/L in December 2007, resulting in an overall decline of 42 percent (Table 3-4). TCE concentrations in monitor well TW-20 decreased steadily from 13.2 µg/L in December 2006 to 8.28 µg/L in May 2007 and 4.58 µg/L in December 2007, resulting in an overall 69 percent decline from the historical high value (Table 3-4).

TCE concentrations in monitor well TW-09 continued to decrease from 34.3 µg/L in December 2006 to 31.2 µg/L in May 2007 and 29.8 µg/L in December 2007, resulting in an overall 87 percent decline from the historical high value (Table 3-4). TCE concentrations in monitor well TW-17 increased slightly from 246 µg/L in December 2006 to 253 µg/L in May 2007 and again to 296 µg/L in December 2007; resulting in an overall 70 percent decline from the historical high value (Table 3-4). TCE concentrations in monitor well TW-04 decreased from 8.99 µg/L in December 2006 to 4.66 µg/L in May 2007 and increased to 15.2 µg/L in December 2007, resulting in an overall 70 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 2006 and 2007 are presented in Table 3-3 and on Figure 3 (Appendix A). BR-13 was not sampled in 2007 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006) and thus will not be discussed.

TCE concentrations in monitor well BR-02 increased from 113 μg/L in December 2006 to 409 μg/L in May 2007, but decreased to 134 μg/L in December 2007, resulting in an overall decline of 98 percent (Table 3-4). TCE concentrations in monitor well BR-03 increased from 29.7 μg/L in December 2006 to 701 μg/L in May 2007, but decreased to 35.4 μg/L in December 2007, resulting in an overall 97 percent decline from the historical high value (Table 3-4). TCE was not detected in monitor well BR-01 in the December 2006 sampling events, was present at 67.5 μg/L in May 2007, but was again not detected in December 2007, 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) decreased from 12.0 μg/L in December 2006 to 8.69 μg/L in May 2007 and again to 3.91 μg/L in December 2007, resulting in an overall 99 percent decline from the historical high value. Monitor well BR-14 (North TCE Source Area) was not sampled in 2007 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC, 2006) 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. Surfer® 8 was used to plot the potentiometric surface maps in Appendix A, Figures 4 and 6. This program mathematically calculates contours based upon groundwater elevation measurements collected in the field.

The May and December 2007 maps (Figures 4 and 6, 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 two water level events agrees with past mapping in both the North TCE Source Area and South TCE Source Area.

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 and 7 in Appendix A.

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 May and December 2007 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 - May 20 07

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0480	96	0.0495	3.1	74-130	15
Chlorobenzene	0.0505	101	0.0526	4.1	78-131	15
1,1-Dichloroethylene	0.0514	103	0.0532	3.4	66-140	34
Toluene	0.0500	100	0.0518	3.5	70-137	15
Trichloroethylene	0.0500	94	0.0519	3.7	70-137	17
Tetrachloroethylene	0.0514	103	0.0532	3.4	64-143	20

mg/L = milligrams per liter

OB-07 - Dec ember 2007

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0550	110	0.0612	10.7	68-143	23
Chlorobenzene	0.0499	100	0.0562	11.9	67-140	27
1,1-Dichloroethylene	0.0586	117	0.0653	10.8	63-157	26
Toluene	0.0515	103	0.0587	13.1	75-139	19
Trichloroethylene	0.0648	109	0.0711	9.3	57-158	28
Tetrachloroethylene	0.0466	93	0.0529	12.7	67-150	27

BR-05 - May 20 07

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0474	95	0.0523	9.8	74-130	15
Chlorobenzene	0.0494	99	0.0535	8.0	78-131	15
1,1-Dichloroethylene	0.0519	104	0.0575	10.2	66-140	34
Toluene	0.0499	100	0.0541	8.1	70-137	15
Trichloroethylene	0.0526	105	0.0553	5.0	70-137	17
Tetrachloroethylene	0.0520	104	0.0566	8.5	64-143	20

BR-05 - Dec ember 2007

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0612	122	0.0638	4.2	68-143	23
Chlorobenzene	0.0567	113	0.0581	2.4	67-140	27
1,1-Dichloroethylene	0.0642	128	0.0672	4.6	63-157	26
Toluene	0.0589	118	0.0608	3.2	75-139	19
Trichloroethylene	0.0609	121	0.0632	3.7	57-158	28
Tetrachloroethylene	0.0533	107	0.0541	1.5	67-150	27

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 May and December 2007 sampling events. Field duplicate precision is presented in the following table.

May 2007

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-11	Trichloroethene	1	4.17		4.18		0.2
	cis-1,2-Dichloroethylene	1	84.2		81.6		3.1
	trans-1,2-Dichloroethylene	1	8.76		8.49		3.1
	Vinyl Chloride	1	1.48		1.47		0.7
W-5	cis-1,2-Dichloroethylene	10	340		336		1.2
	trans-1,2-Dichloroethylene	1	4.61		4.60		0.2
	Trichloroethene	10	1140		1070		6.3
	Vinyl Chloride	1	4.43		4.00		10.2

December 2007

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-07	cis-1,2-Dichloroethylene	1	5.45		5.20		4.7
	trans-1,2-Dichloroethylene	1	7.07		7.16		1.3
	Vinyl chloride	1	14.8		14.4		2.7
	Trichloroethene	1	1 U		1 U		0.0
W-5	cis-1,2-Dichloroethylene	1	158		124		24.1
	trans-1,2-Dichloroethylene	1	3.83		3.36		13.1
	Trichloroethene	10	835		850		1.8
	Vinyl chloride	1	22.1		16.1	J	31.4

J = Duplicate value is considered estimated based on the RPD

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 May and December 2007 events were analyzed to characterize the water source used during these sampling events. Distilled water was used by the field crews for field blanks.

Certain low concentrations of chloroform, chlorodibromomethane, and bromodichloromethane were reported in two of the field blanks (one in each sampling event). None of these compounds were reported in any of the groundwater samples tested. 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 May and December 2007 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 distilled water to rinse field equipment, and analyzed for all target constituents. Two rinsate blanks were collected during both the May and December 2007 events. Certain low concentrations of chloroform, chlorodibromomethane, and bromodichloromethane were reported two of the rinse samples (one from each sampling event). None of these compounds were reported in any of the groundwater samples tested. No other target VOCs were detected above the reporting limit in any of the rinsate blanks.

Representativeness is considered complete due to the lack of target VOC detections in QC efforts.

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 20 sampling events that occurred in 2001-2007 provides an evaluation of the site remedial progress. The following overall conclusions and recommendations have been reached in this remedial progress evaluation:

- Overall decreases in TCE concentrations have been observed in all perimeter and site interior monitor wells (Table 3-4).

- Despite an extended shutdown of the System since August 2006, overall contaminant levels in Site monitoring wells have not demonstrated significant rebound effects, and overall declines remain evident as shown in Table 3-4.

- MACTEC will provide NYSDEC with an Accelerated Bioremediation Pilot Test Final Report (MACTEC, 2008 pending) which will summarize results from the pilot test and provide conclusions on the effectiveness of the HRC™ -Advanced. Based on an evaluation of all the monitoring data from the one year pilot test, it is apparent that that the injection of HRC™-Advanced has been effective in reducing TCE contamination in the overburden groundwater within the North and South TCE Source Areas.

- To maintain the current anaerobic groundwater conditions, MACTEC recommends that the Site remediation system continue to remain shut down. This will allow the continued accelerated bioremediation of TCE and other chlorinated VOCs present in the Site groundwater. Contaminant conditions will continue to be monitored during future semi-annual site-wide groundwater monitoring events.

6.0 REFERENCES

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APPENDIX A

FIGURES

HAGUE STREET

WEST AVENUE

AMES STREET

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

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

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

W-2 / BR-06

Site ID: W-2					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
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

TW-13

Site ID: TW-13					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
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

W-4 / BR-07

Site ID: W-4					(units: ug/L)
Analyte	BASELINE	JUN 06	DEC 06	MAY 07	DEC 07
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

MW-00

Site ID: W-5					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	58 U	212	263	1140	835
cis-1,2-DCE	27	104	122	340	158
trans-1,2-DCE	11	2.34	2.89	4.61	3.83
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.0 U	3.83	7.14	4.43	22.1

W-3 / OB-05

Site ID: OB-05					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	500 U	1 U	1 U	1 U	1 U
TCE	25000	69.9	133	98.8	232
cis-1,2-DCE	4600	1 U	1.31	1.35	2.88
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

W-6

Site ID: W-6					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
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

OB-06

Site ID: OB-06					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	50 U	1 U	1 U	1 U	1 U
TCE	2600	60.5	87.8	66.3	82.9
cis-1,2-DCE	60	2.59	2.69	4.85	3.31
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

OB-08

Site ID: OB-08					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	1000 U	2.13	1 U	1U	1 U
TCE	400000	890	73.7	2.48	1U
cis-1,2-DCE	390 J	7.85	1550	3750	1150
trans-1,2-DCE	1000 U	3.91	10.7	29.6	32.0
1,1-DCE	1000 U	1 U	1 U	12.7	4.24
Vinyl Chloride	200 U	1 U	1 U	3.08	1.54

OB-09

Site ID: OB-09					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	60.4	115	41.6	98.4
cis-1,2-DCE	14	2.26	5.17	1.88	18.0
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

OB-04

Site ID: OB-04					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	2500 U	1 U	1 U	1 U	1 U
TCE	70000	252	1920	618	109
cis-1,2-DCE	2900	153	892	399	1350
trans-1,2-DCE	2500 U	1.56	1 U	3.19	5.43
1,1-DCE	2500 U	1 U	1 U	1 U	2.19
Vinyl Chloride	500 U	1 U	1.19	1 U	95.1

OB-07

Site ID: OB-07					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	54 U	9.9	12.0	2.37	10.2
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

TW-74

TW-17

Site ID: TW-17					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	25 U	1 U	1 U	1 U	1 U
TCE	1000	410	246	253	296
cis-1,2-DCE	7.9 J	2.04	7.47	5.87	3.98
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

W-1 / TW-01

Site ID: TW-01					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
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

TW-04 / BR-03

Site ID: TW-04					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	42	27.9	8.99	4.66	15.2
cis-1,2-DCE	79	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

TW-07

Site ID: TW-07					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	28	17.6	2.09	1.11	20.1
cis-1,2-DCE	7.2	18.3	1 U	1 U	3.85
trans-1,2-DCE	28	5.56	1 U	1 U	4.24
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

TW-09 / BR-02

Site ID: TW-09					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	230	56.7	34.3	31.2	29.8
cis-1,2-DCE	36	1.35	2.60	3.01	1.28
trans-1,2-DCE	5.0 U	1 U	1 U	1.46	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

TW-20

Site ID: TW-20					(units: ug/L)
Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	5.2	12.0	13.2	8.28	4.58
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

OB-05

MONTH SAMPLED
SAMPLE LOCATION

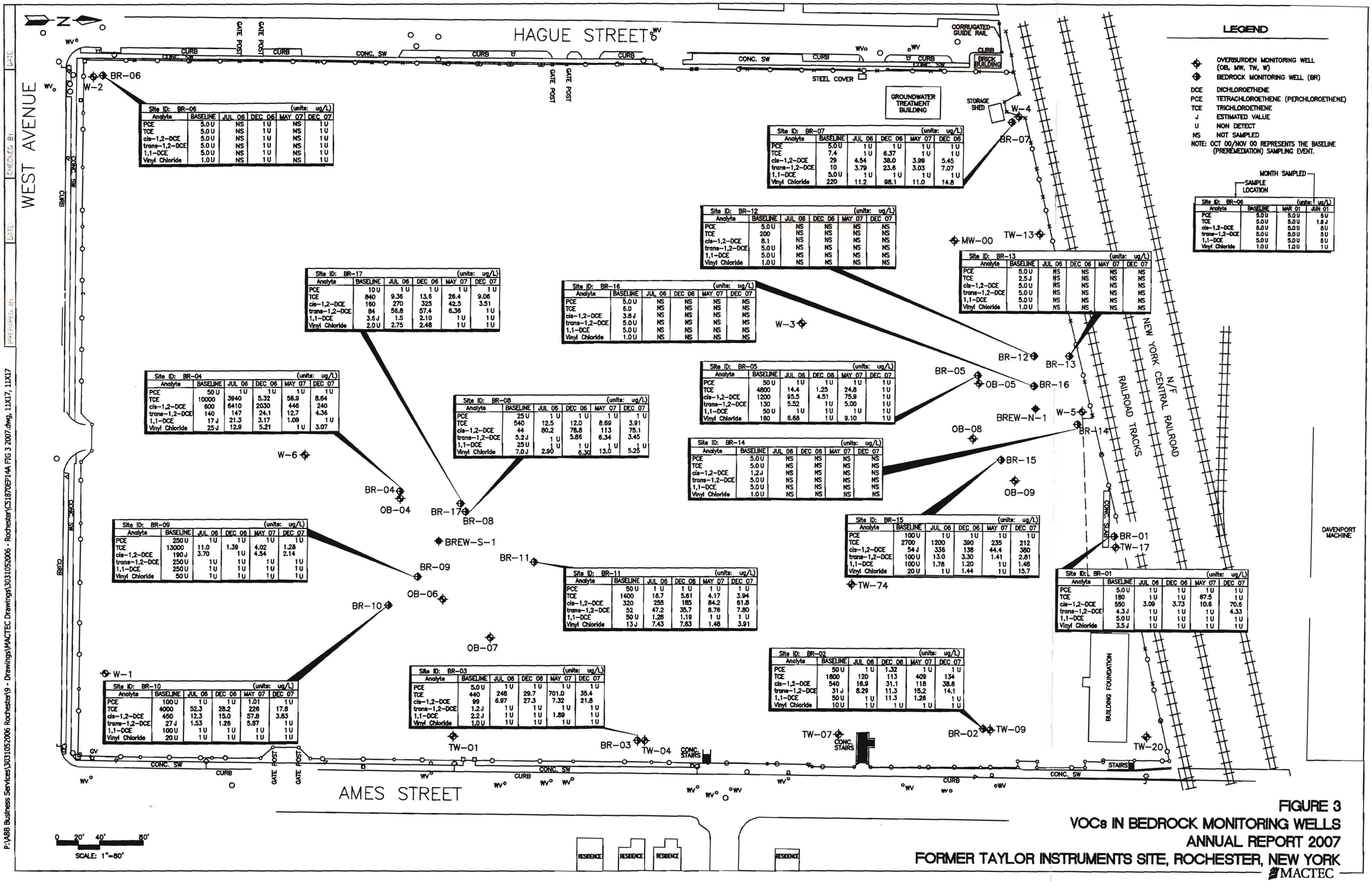
Site ID: OB-05				(units: ug/L)
Analyte	BASELINE	MAR 01	JUN 01	
PCE	500 U	NS	NS	(DRY)
TCE	25000	NS	NS	(DRY)
cis-1,2-DCE	4600	NS	NS	(DRY)
trans-1,2-DCE	500 U	NS	NS	(DRY)
1,1-DCE	500 U	NS	NS	(DRY)
Vinyl Chloride	350 J	NS	NS	(DRY)

FIGURE 2
VOCs IN OVERBURDEN MONITORING WELLS
ANNUAL REPORT 2007
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

DATE: 2-7-08 | CHECKED BY: TG | DATE: 2-7-08 | PREPARED BY: MJ

P:\ABB Business Services\3031052006 Rochester\9 - Drawings\MACTEC Drawings\3031052006 - Rochester\C51870EP15A FIGURE 2 DATA.DWG, 11X17, 11X17



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	JUL 06	DEC 06	MAY 07	DEC 07
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	JUL 06	DEC 06	MAY 07	DEC 06
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	7.4	1 U	6.37	1 U	1 U
cis-1,2-DCE	29	4.54	38.0	3.99	5.45
trans-1,2-DCE	10	3.79	23.6	3.03	7.07
1,1-DCE	5.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	220	11.2	98.1	11.0	14.8

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	NS	NS	NS	NS
TCE	200	NS	NS	NS	NS
cis-1,2-DCE	8.1	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-13 (units: ug/L)

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	NS	NS	NS	NS
TCE	2.5 J	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: BR-17 (units: ug/L)

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	10 U	1 U	1 U	1 U	1 U
TCE	840	9.36	13.6	26.4	9.06
cis-1,2-DCE	160	270	325	42.5	3.51
trans-1,2-DCE	84	56.8	57.4	6.36	1 U
1,1-DCE	3.6 J	1.5	2.10	1 U	1 U
Vinyl Chloride	2.0 U	2.75	2.48	1 U	1 U

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
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	JUL 06	DEC 06	MAY 07	DEC 07
PCE	50 U	1 U	1 U	1 U	1 U
TCE	10000	3940	5.32	56.9	8.64
cis-1,2-DCE	600	6410	2030	446	240
trans-1,2-DCE	140	147	24.1	12.7	4.36
1,1-DCE	17 J	21.3	3.17	1.09	1 U
Vinyl Chloride	25 J	12.9	5.21	1 U	3.07

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	25 U	1 U	1 U	1 U	1 U
TCE	540	12.5	12.0	8.69	3.91
cis-1,2-DCE	44	80.2	78.8	113	75.1
trans-1,2-DCE	5.2 J	1 U	5.86	6.34	3.45
1,1-DCE	25 U	1 U	1 U	1 U	1 U
Vinyl Chloride	7.0 J	2.90	6.30	13.0	5.25

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	50 U	1 U	1 U	1 U	1 U
TCE	4800	14.4	1.25	24.8	1 U
cis-1,2-DCE	1200	93.5	4.51	75.9	1 U
trans-1,2-DCE	130	5.52	1 U	5.00	1 U
1,1-DCE	50 U	1 U	1 U	1 U	1 U
Vinyl Chloride	160	6.68	1 U	9.10	1 U

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	NS	NS	NS	NS
TCE	5.0 U	NS	NS	NS	NS
cis-1,2-DCE	1.2 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-15 (units: ug/L)

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	100 U	1 U	1 U	1 U	1 U
TCE	2700	1200	390	235	212
cis-1,2-DCE	54 J	336	138	44.4	380
trans-1,2-DCE	100 U	13.0	3.30	1.41	2.81
1,1-DCE	100 U	1.78	1.20	1 U	1.48
Vinyl Chloride	20 U	1 U	1.44	1 U	15.7

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	250 U	1 U	1 U	1 U	1 U
TCE	13000	11.0	1.39	4.02	1.28
cis-1,2-DCE	190 J	3.70	1 U	4.54	2.14
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	JUL 06	DEC 06	MAY 07	DEC 07
PCE	50 U	1 U	1 U	1 U	1 U
TCE	1400	16.7	5.61	4.17	3.94
cis-1,2-DCE	320	255	185	84.2	61.8
trans-1,2-DCE	52	47.2	35.7	8.76	7.80
1,1-DCE	50 U	1.28	1.19	1 U	1 U
Vinyl Chloride	13 J	7.43	7.83	1.48	3.91

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	100 U	1 U	1 U	1.01	1 U
TCE	4000	52.3	28.2	226	17.8
cis-1,2-DCE	450	12.3	15.0	57.8	3.83
trans-1,2-DCE	27 J	1.53	1.26	5.87	1 U
1,1-DCE	100 U	1 U	1 U	1 U	1 U
Vinyl Chloride	20 U	1 U	1 U	1 U	1 U

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	440	248	29.7	701.0	35.4
cis-1,2-DCE	99	6.97	27.3	7.32	21.8
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	1.89	1 U
Vinyl Chloride	1.0 U	1 U	1 U	1 U	1 U

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	50 U	1 U	1.32	1 U	1 U
TCE	1800	120	113	409	134
cis-1,2-DCE	540	16.9	31.1	118	38.6
trans-1,2-DCE	31 J	8.29	11.3	15.2	14.1
1,1-DCE	50 U	1 U	11.3	1.26	1 U
Vinyl Chloride	10 U	1 U	1 U	1 U	1 U

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

Analyte	BASELINE	JUL 06	DEC 06	MAY 07	DEC 07
PCE	5.0 U	1 U	1 U	1 U	1 U
TCE	180	1 U	1 U	67.5	1 U
cis-1,2-DCE	550	3.09	3.73	10.6	70.6
trans-1,2-DCE	4.3 J	1 U	1 U	1 U	4.33
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-05 (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	1.8 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

FIGURE 3
VOCs IN BEDROCK MONITORING WELLS
ANNUAL REPORT 2007
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK
MACTEC

P:\ABB Business Services\3031052006 Rochester\9 - Drawings\MACTEC Drawings\3031052006 - Rochester\CS1870EP14A FIG 3 2007.dwg, 11X17, 11X17

DATE:
CHECKED BY
DATE:
PREPARED BY:

N

HAGUE STREET

WEST AVENUE

AMES STREET

NEW YORK CENTRAL RAILROAD
N/E RAILROAD TRACKS

W-2
531.05

W-4
524.80

TW-13
526.78

W-3
527.52

OB-05
526.76

W-5
526.26

OS-40B
527.61

W-6

OB-04
529.16

OB-08
525.64

OB-09
524.22

OB-06
529.13

TW-74
526.41

TW-17
524.04

OB-07
528.94

W-1
528.23

TW-01
527.09

TW-04
527.74

TW-07
524.84

TW-09
520.17

TW-20
520.12

OS-10B
517.59

OS-20B
519.55

OS-30B
DRY

530
529
528
527
526
525
524
523
522
521
520
519

LEGEND

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

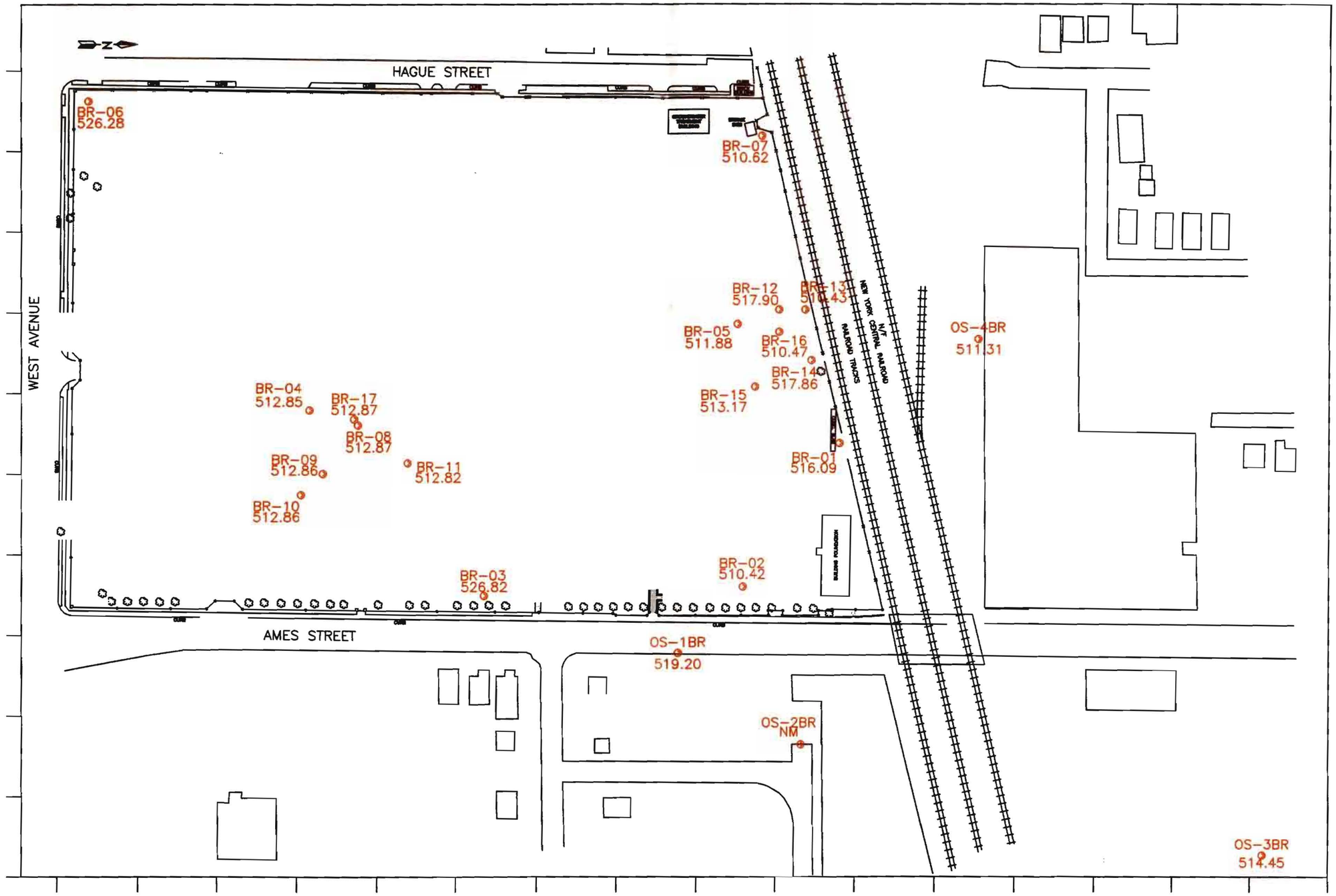
0 32.5' 65' 130'
SCALE: 1"=130'

NOTE: DATA FOR MONITOR OS-10B, OS-30B, AND OS-40B WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON APRIL 30, 2007.

FIGURE 4
OVERBURDEN POTENTIOMETRIC SURFACE MAP
MAY 2007 SAMPLING EVENT
ANNUAL REPORT 2007
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

MACTEC

PREPARED BY: DATE: 3-31-08
CHECKED BY: DATE:



LEGEND

BR-01	WELL ID
●	MONITORING WELL LOCATION (INCLUDES MW, W, TW, OB)
516.09	WATER LEVEL ELEVATION (feet)
NM	NOT MEASURED

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. MONITOR OS-2BR COULD NOT BE LOCATED BENEATH ICE, THEREFORE NO DATA IS AVAILABLE FOR THIS SAMPLING EVENT. DATA COLLECTED ON DECEMBER 10 AND 11, 2007.

FIGURE 7
BEDROCK GROUNDWATER ELEVATIONS
DECEMBER 2007 SAMPLING EVENT
ANNUAL REPORT 2007
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK

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APPENDIX B

HISTORICAL SUMMARY OF RESULTS

Table B-1
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-04	05/03/07	618	399	3.19	--	--
OB-04	12/13/07	109	1,350	5.43	2.19	95.1
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	--	--	--
OB-05	05/03/07	98.8	1.35	--	--	--
OB-05	12/12/07	232	2.88	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-06	05/03/07	66.3	4.85	--	--	--
OB-06	12/12/07	82.9	3.31	--	--	--
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	--	--	--	--
OB-07	05/03/07	2.37	--	--	--	--
OB-07	12/11/07	10.2	--	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-08	05/03/07	2.48	3,750	29.6	12.7	3.08
OB-08	12/13/07	--	1,150	32.0	4.24	1.54
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	--	--	--
OB-09	05/03/07	41.6	1.88	--	--	--
OB-09	12/12/07	98.4	18.0	--	--	--

See notes at end of table.

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Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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)
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-01[1]	05/07	NS	NS	NS	NS	NS
TW-01[1]	12/07	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	--	--	--	--
TW-04	05/03/07	4.66	--	--	--	--
TW-04	12/11/07	15.2	--	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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)
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-07	05/03/07	1.11	--	--	--	--
TW-07	12/10/07	20.1	3.85	4.24	--	--
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	--	--	--
TW-09	05/03/07	31.2	3.01	1.46	--	--
TW-09	12/13/07	29.8	1.28	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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)
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-13[4]	05/07	NS	NS	NS	NS	NS
TW-13[4]	12/07	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	--	--	--
TW-17	05/02/07	253	5.87	--	--	--
TW-17	12/12/07	296	3.98	--	--	--

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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)
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	--	--	--	--
TW-20	05/02/07	8.28	--	--	--	--
TW-20	12/11/07	4.58	--	--	--	--
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
W-2[5]	05/07	NS	NS	NS	NS	NS
W-2[5]	12/07	NS	NS	NS	NS	NS

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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)
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-4[4]	05/07	NS	NS	NS	NS	NS
W-4[4]	12/07	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 2001-2007 Sampling Events

2007 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)
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-5	05/03/07	1,140	340	4.61	--	4.43
W-5 (DUP)	05/03/07	1,070	336	4.60	--	4.00
W-5	12/13/07	835	158	3.83	--	22.1
W-5 (DUP)	12/13/07	850	124	3.36	--	16.1
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
W-6[5]	05/07	NS	NS	NS	NS	NS
W-6[5]	12/07	NS	NS	NS	NS	NS

See notes at end of table.

Table B-1 (Continued)
Summary of Overburden VOC Results for the Baseline and 2001-2007 Sampling Events

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

[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 J. Stone on 1-23-08

Checked by J. Deatherage on 2-2-08

Table B-2
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-01	05/02/07	67.5	10.6	--	--	--
BR-01	12/10/07	--	70.6	4.33	--	--
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	--	--
BR-02	05/02/07	409	118	15.2	1.26	--
BR-02	12/10/07	134	38.6	14.1	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-03	05/01/07	701	7.32	--	1.89	--
BR-03	12/11/07	35.4	21.8	--	--	--
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
BR-04	05/01/07	56.9	446	12.7	1.09	--
BR-04	12/12/07	8.64	240	4.36	--	3.07

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-05	05/02/07	24.8	75.9	5.00	--	9.10
BR-05	12/13/07	--	--	--	--	--
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	--	--	--	--	--
BR-06[4]	05/07	NS	NS	NS	NS	NS
BR-06[4]	12/10/07	--	--	--	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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
BR-07	05/01/07	--	3.99	3.03	--	11.0
BR-07	12/10/07	--	5.45	7.07	--	14.8
BR-07 (DUP)	12/10/07	--	5.20	7.16	--	14.4

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-08 (Deep)	05/02/07	8.69	113	6.34	--	13.0
BR-08 (Deep)	12/11/07	3.91	75.1	3.45	--	5.25
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	--	--	--	--
BR-09	05/01/07	4.02	4.54	--	--	--
BR-09	12/12/07	1.28	2.14	--	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-10	05/02/07	226	57.8	5.87	--	--
BR-10	12/12/07	17.8	3.83	--	--	--
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
BR-11	05/01/07	4.17	84.2	8.76	--	1.48
BR-11 (DUP)	05/01/07	4.18	81.6	8.49	--	1.47
BR-11	12/11/07	3.94	61.8	7.80	--	3.91

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-12[4]	05/07	NS	NS	NS	NS	NS
BR-12[4]	12/07	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
BR-13[4]	05/07	NS	NS	NS	NS	NS
BR-13[4]	12/07	NS	NS	NS	NS	NS

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-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-14 (Deep)[4]	05/07	NS	NS	NS	NS	NS
BR-14 (Deep)[4]	12/07	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
BR-15	05/02/07	235	44.4	1.41	--	--
BR-15	12/12/07	212	380	2.81	1.48	15.7

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 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-16[2]	05/07	NS	NS	NS	NS	NS
BR-16[2]	12/07	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
BR-17	05/01/07	26.4	42.5	6.36	--	--
BR-17	12/11/07	9.06	3.51	--	--	--

See notes at end of table.

Table B-2 (Continued)
Summary of Bedrock VOC Results for the Baseline and 2001-2007 Sampling Events

2007 Annual Progress Report
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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. Stone on 1-23-08

Checked by J. Deatherage on 1-27-08

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

May 18, 2007 10:34:41AM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn: Joe Deatherage

Work Order: NQE0542
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.06
P/O Nbr: 80322
Date Received: 05/03/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
BR-01	NQE0542-01	05/02/07 09:25
BR-02	NQE0542-02	05/02/07 10:15
BR-05	NQE0542-03	05/02/07 11:10
BR-08	NQE0542-04	05/02/07 12:55
BR-10	NQE0542-05	05/02/07 13:40
BR-15	NQE0542-06	05/02/07 14:35
TW-17	NQE0542-07	05/02/07 15:20
TW-20	NQE0542-08	05/02/07 16:50
QAT-B01	NQE0542-09	05/01/07 10:45
QARB01	NQE0542-10	05/01/07 10:55
QAFB01	NQE0542-11	05/01/07 10:50
BR-07	NQE0542-12	05/01/07 11:35
BR-04	NQE0542-13	05/01/07 12:30
BR-09	NQE0542-14	05/01/07 14:45
BR-11	NQE0542-15	05/01/07 15:25
BR-11 Dup	NQE0542-16	05/01/07 15:25
BR-17	NQE0542-17	05/01/07 16:40
BR-03	NQE0542-18	05/01/07 17:35

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 accreditation.

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Report Approved By:

Roxanne L. Connor

REVIEWED BY
KJO

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May 18, 2007 10:34:41AM

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BR-01	NQE0542-01	05/02/07 09:25
BR-02	NQE0542-02	05/02/07 10:15
BR-05	NQE0542-03	05/02/07 11:10
BR-08	NQE0542-04	05/02/07 12:55
BR-10	NQE0542-05	05/02/07 13:40
BR-15	NQE0542-06	05/02/07 14:35
TW-17	NQE0542-07	05/02/07 15:20
TW-20	NQE0542-08	05/02/07 16:50
QAT-B01	NQE0542-09	05/01/07 10:45
QARB01	NQE0542-10	05/01/07 10:55
QAFB01	NQE0542-11	05/01/07 10:50
BR-07	NQE0542-12	05/01/07 11:35
BR-04	NQE0542-13	05/01/07 12:30
BR-09	NQE0542-14	05/01/07 14:45
BR-11	NQE0542-15	05/01/07 15:25
BR-11 Dup	NQE0542-16	05/01/07 15:25
BR-17	NQE0542-17	05/01/07 16:40
BR-03	NQE0542-18	05/01/07 17:35

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Roxanne L. Connor

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

Roxanne Connor

Program Manager - Conventional Accounts

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Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn Joe Deatherage

Work Order: NQE0542
Project Name: Former Taylor Instruments
Project Number: 3031052006.06
Received: 05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-01 (BR-01 - Ground Water) Sampled: 05/02/07 09:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 14:33	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 14:33	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
cis-1,2-Dichloroethene	**10.6**		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 14:33	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-01 (BR-01 - Ground Water) - cont. Sampled: 05/02/07 09:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 14:33	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 14:33	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 14:33	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Trichloroethene	**67.5**		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 14:33	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 14:33	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*05/14/07 14:33*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 14:33*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/14/07 14:33*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 14:33*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-02 (BR-02 - Ground Water) Sampled: 05/02/07 10:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 15:03	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 15:03	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-02 (BR-02 - Ground Water) - cont. Sampled: 05/02/07 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
cis-1,2-Dichloroethene	**118**		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1-Dichloroethene	**1.26**		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
trans-1,2-Dichloroethene	**15.2**		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 15:03	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 15:03	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 15:03	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 15:03	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Trichloroethene	**409**		ug/L	10.0	10	05/16/07 03:31	SW846 8260B	7053090
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-02 (BR-02 - Ground Water) - cont. Sampled: 05/02/07 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 15:03	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 15:03	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 15:03*	*SW846 8260B*	*7052570*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*118 %*					*05/16/07 03:31*	*SW846 8260B*	*7053090*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/14/07 15:03*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*110 %*					*05/16/07 03:31*	*SW846 8260B*	*7053090*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 15:03*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*106 %*					*05/16/07 03:31*	*SW846 8260B*	*7053090*
Surr: 4-Bromofluorobenzene (75-133%)	*104 %*					*05/14/07 15:03*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/16/07 03:31*	*SW846 8260B*	*7053090*
Sample ID: NQE0542-03 (BR-05 - Ground Water) Sampled: 05/02/07 11:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 15:32	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 15:32	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-03 (BR-05 - Ground Water) - cont. Sampled: 05/02/07 11:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
cis-1,2-Dichloroethene	**75.9**		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
trans-1,2-Dichloroethene	**5.00**		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 15:32	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 15:32	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 15:32	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 15:32	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Trichloroethene	**24.8**		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Vinyl chloride	**9.10**		ug/L	1.00	1	05/14/07 15:32	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 15:32	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/14/07 15:32*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/14/07 15:32*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 15:32*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/14/07 15:32*	*SW846 8260B*	*7052570*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-04 (BR-08 - Ground Water) Sampled: 05/02/07 12:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 16:02	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 16:02	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
cis-1,2-Dichloroethene	**113**		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
trans-1,2-Dichloroethene	**6.34**		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 16:02	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-04 (BR-08 - Ground Water) - cont. Sampled: 05/02/07 12:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 16:02	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 16:02	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 16:02	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Trichloroethene	**8.69**		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Vinyl chloride	**13.0**		ug/L	1.00	1	05/14/07 16:02	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 16:02	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 16:02*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 16:02*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 16:02*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/14/07 16:02*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-05 (BR-10 - Ground Water) Sampled: 05/02/07 13:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 16:32	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 16:32	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-05 (BR-10 - Ground Water) - cont. Sampled: 05/02/07 13:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
cis-1,2-Dichloroethene	**57.8**		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
trans-1,2-Dichloroethene	**5.87**		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 16:32	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 16:32	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 16:32	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 16:32	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Tetrachloroethene	**1.01**		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Trichloroethene	**226**		ug/L	5.00	5	05/16/07 03:58	SW846 8260B	7053090
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-05 (BR-10 - Ground Water) - cont. Sampled: 05/02/07 13:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 16:32	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 16:32	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/14/07 16:32*	*SW846 8260B*	*7052570*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*118 %*					*05/16/07 03:58*	*SW846 8260B*	*7053090*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 16:32*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*106 %*					*05/16/07 03:58*	*SW846 8260B*	*7053090*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 16:32*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*106 %*					*05/16/07 03:58*	*SW846 8260B*	*7053090*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 16:32*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/16/07 03:58*	*SW846 8260B*	*7053090*
Sample ID: NQE0542-06 (BR-15 - Ground Water) Sampled: 05/02/07 14:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 17:01	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 17:01	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-06 (BR-15 - Ground Water) - cont. Sampled: 05/02/07 14:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
cis-1,2-Dichloroethene	**44.4**		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
trans-1,2-Dichloroethene	**1.41**		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 17:01	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 17:01	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 17:01	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 17:01	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Trichloroethene	**235**		ug/L	5.00	5	05/16/07 04:24	SW846 8260B	7053090
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 17:01	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 17:01	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*05/14/07 17:01*	*SW846 8260B*	*7052570*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*116 %*					*05/16/07 04:24*	*SW846 8260B*	*7053090*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 17:01*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*109 %*					*05/16/07 04:24*	*SW846 8260B*	*7053090*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 17:01*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*106 %*					*05/16/07 04:24*	*SW846 8260B*	*7053090*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 17:01*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/16/07 04:24*	*SW846 8260B*	*7053090*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-07 (TW-17 - Ground Water) Sampled: 05/02/07 15:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 17:31	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 17:31	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
cis-1,2-Dichloroethene	**5.87**		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 17:31	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-07 (TW-17 - Ground Water) - cont. Sampled: 05/02/07 15:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 17:31	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 17:31	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 17:31	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Trichloroethene	**253**		ug/L	10.0	10	05/16/07 04:50	SW846 8260B	7053090
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 17:31	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 17:31	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 17:31*	*SW846 8260B*	*7052570*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*120 %*					*05/16/07 04:50*	*SW846 8260B*	*7053090*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/14/07 17:31*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*107 %*					*05/16/07 04:50*	*SW846 8260B*	*7053090*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 17:31*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*106 %*					*05/16/07 04:50*	*SW846 8260B*	*7053090*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 17:31*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/16/07 04:50*	*SW846 8260B*	*7053090*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-08 (TW-20 - Ground Water) Sampled: 05/02/07 16:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 18:01	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 18:01	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 18:01	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-08 (TW-20 - Ground Water) - cont. Sampled: 05/02/07 16:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 18:01	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 18:01	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 18:01	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Trichloroethene	**8.28**		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 18:01	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 18:01	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 18:01*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 18:01*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 18:01*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/14/07 18:01*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-09 (QAT-B01 - Water) Sampled: 05/01/07 10:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 18:30	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 18:30	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-09 (QAT-B01 - Water) - cont. Sampled: 05/01/07 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 18:30	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 18:30	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 18:30	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 18:30	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Trichloroethene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-09 (QAT-B01 - Water) - cont. Sampled: 05/01/07 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 18:30	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 18:30	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 18:30*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*05/14/07 18:30*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 18:30*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 18:30*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-10 (QARB01 - Ground Water) Sampled: 05/01/07 10:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 19:00	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 19:00	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-10 (QARB01 - Ground Water) - cont. Sampled: 05/01/07 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 19:00	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 19:00	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 19:00	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 19:00	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Trichloroethene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 19:00	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 19:00	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 19:00*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 19:00*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 19:00*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/14/07 19:00*	*SW846 8260B*	*7052570*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-11 (QAFB01 - Ground Water) Sampled: 05/01/07 10:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 19:29	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 19:29	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 19:29	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-11 (QAFB01 - Ground Water) - cont. Sampled: 05/01/07 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 19:29	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 19:29	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 19:29	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Trichloroethene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 19:29	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 19:29	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*05/14/07 19:29*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/14/07 19:29*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 19:29*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/14/07 19:29*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-12 (BR-07 - Ground Water) Sampled: 05/01/07 11:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 19:59	SW846 8260B	7052570
Benzene	**1.15**		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 19:59	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-12 (BR-07 - Ground Water) - cont. Sampled: 05/01/07 11:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
cis-1,2-Dichloroethene	**3.99**		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
trans-1,2-Dichloroethene	**3.03**		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 19:59	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 19:59	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 19:59	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 19:59	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Trichloroethene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-12 (BR-07 - Ground Water) - cont. Sampled: 05/01/07 11:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Vinyl chloride	**11.0**		ug/L	1.00	1	05/14/07 19:59	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 19:59	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*05/14/07 19:59*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 19:59*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 19:59*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/14/07 19:59*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-13 (BR-04 - Ground Water) Sampled: 05/01/07 12:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 20:29	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 20:29	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
cis-1,2-Dichloroethene	**446**	CF6	ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1-Dichloroethene	**1.09**		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
trans-1,2-Dichloroethene	**12.7**		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-13 (BR-04 - Ground Water) - cont. Sampled: 05/01/07 12:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 20:29	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 20:29	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 20:29	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 20:29	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Trichloroethene	**56.9**		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 20:29	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 20:29	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 20:29*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*05/14/07 20:29*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/14/07 20:29*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*102 %*					*05/14/07 20:29*	*SW846 8260B*	*7052570*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-14 (BR-09 - Ground Water) Sampled: 05/01/07 14:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 20:58	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 20:58	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
cis-1,2-Dichloroethene	**4.54**		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 20:58	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-14 (BR-09 - Ground Water) - cont. Sampled: 05/01/07 14:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 20:58	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 20:58	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 20:58	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Trichloroethene	**4.02**		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 20:58	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 20:58	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*92 %*					*05/14/07 20:58*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/14/07 20:58*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 20:58*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/14/07 20:58*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-15 (BR-11 - Ground Water) Sampled: 05/01/07 15:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 21:28	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 21:28	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-15 (BR-11 - Ground Water) - cont. Sampled: 05/01/07 15:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
cis-1,2-Dichloroethene	**84.2**		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
trans-1,2-Dichloroethene	**8.76**		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 21:28	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 21:28	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 21:28	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 21:28	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Trichloroethene	**4.17**		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-15 (BR-11 - Ground Water) - cont. Sampled: 05/01/07 15:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Vinyl chloride	**1.48**		ug/L	1.00	1	05/14/07 21:28	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 21:28	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/14/07 21:28*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*05/14/07 21:28*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 21:28*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 21:28*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-16 (BR-11 Dup - Ground Water) Sampled: 05/01/07 15:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 21:58	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 21:58	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
cis-1,2-Dichloroethene	**81.6**		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
trans-1,2-Dichloroethene	**8.49**		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-16 (BR-11 Dup - Ground Water) - cont. Sampled: 05/01/07 15:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 21:58	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 21:58	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 21:58	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 21:58	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Trichloroethene	**4.18**		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Vinyl chloride	**1.47**		ug/L	1.00	1	05/14/07 21:58	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 21:58	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*05/14/07 21:58*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*05/14/07 21:58*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 21:58*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*05/14/07 21:58*	*SW846 8260B*	*7052570*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-17 (BR-17 - Ground Water) Sampled: 05/01/07 16:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/14/07 22:27	SW846 8260B	7052570
Benzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Bromobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Bromochloromethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Bromodichloromethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Bromoform	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Bromomethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
2-Butanone	ND		ug/L	50.0	1	05/14/07 22:27	SW846 8260B	7052570
sec-Butylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
n-Butylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
tert-Butylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Carbon disulfide	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Carbon Tetrachloride	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Chlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Chlorodibromomethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Chloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Chloroform	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Chloromethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
2-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
4-Chlorotoluene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Dibromomethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1-Dichloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2-Dichloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
cis-1,2-Dichloroethene	**42.5**		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1-Dichloroethene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
trans-1,2-Dichloroethene	**6.36**		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,3-Dichloropropane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
2,2-Dichloropropane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1-Dichloropropene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Ethylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Hexachlorobutadiene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
2-Hexanone	ND		ug/L	50.0	1	05/14/07 22:27	SW846 8260B	7052570
Isopropylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
p-Isopropyltoluene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-17 (BR-17 - Ground Water) - cont. Sampled: 05/01/07 16:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Methylene Chloride	ND		ug/L	5.00	1	05/14/07 22:27	SW846 8260B	7052570
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/14/07 22:27	SW846 8260B	7052570
Naphthalene	ND		ug/L	5.00	1	05/14/07 22:27	SW846 8260B	7052570
n-Propylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Styrene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Tetrachloroethene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Toluene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Trichloroethene	**26.4**		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Trichlorofluoromethane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Vinyl chloride	ND		ug/L	1.00	1	05/14/07 22:27	SW846 8260B	7052570
Xylenes, total	ND		ug/L	3.00	1	05/14/07 22:27	SW846 8260B	7052570
Surr: 1,2-Dichloroethane-d4 (62-142%)	*90 %*					*05/14/07 22:27*	*SW846 8260B*	*7052570*
Surr: Dibromofluoromethane (78-123%)	*96 %*					*05/14/07 22:27*	*SW846 8260B*	*7052570*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/14/07 22:27*	*SW846 8260B*	*7052570*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/14/07 22:27*	*SW846 8260B*	*7052570*
Sample ID: NQE0542-18 (BR-03 - Ground Water) Sampled: 05/01/07 17:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/15/07 02:53	SW846 8260B	7052454
Benzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Bromobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Bromochloromethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Bromodichloromethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Bromoform	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Bromomethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
2-Butanone	ND		ug/L	50.0	1	05/15/07 02:53	SW846 8260B	7052454
sec-Butylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
n-Butylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
tert-Butylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Carbon disulfide	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Carbon Tetrachloride	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Chlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Chlorodibromomethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Chloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-18 (BR-03 - Ground Water) - cont. Sampled: 05/01/07 17:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Chloromethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
2-Chlorotoluene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
4-Chlorotoluene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Dibromomethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1-Dichloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2-Dichloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
cis-1,2-Dichloroethene	**7.32**		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1-Dichloroethene	**1.89**		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,3-Dichloropropane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2-Dichloropropane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
2,2-Dichloropropane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1-Dichloropropene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Ethylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Hexachlorobutadiene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
2-Hexanone	ND		ug/L	50.0	1	05/15/07 02:53	SW846 8260B	7052454
Isopropylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
p-Isopropyltoluene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Methylene Chloride	ND		ug/L	5.00	1	05/15/07 02:53	SW846 8260B	7052454
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/15/07 02:53	SW846 8260B	7052454
Naphthalene	ND		ug/L	5.00	1	05/15/07 02:53	SW846 8260B	7052454
n-Propylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Styrene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Tetrachloroethene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Toluene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Trichloroethene	**701**	CF6	ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Trichlorofluoromethane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0542-18 (BR-03 - Ground Water) - cont. Sampled: 05/01/07 17:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Vinyl chloride	ND		ug/L	1.00	1	05/15/07 02:53	SW846 8260B	7052454
Xylenes, total	ND		ug/L	3.00	1	05/15/07 02:53	SW846 8260B	7052454
Surr: 1,2-Dichloroethane-d4 (62-142%)	*91 %*					*05/15/07 02:53*	*SW846 8260B*	*7052454*
Surr: Dibromofluoromethane (78-123%)	*97 %*					*05/15/07 02:53*	*SW846 8260B*	*7052454*
Surr: Toluene-d8 (79-120%)	*96 %*					*05/15/07 02:53*	*SW846 8260B*	*7052454*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/15/07 02:53*	*SW846 8260B*	*7052454*

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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						
7052454-BLK1						
Acetone	<7.41		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Benzene	<0.330		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Bromobenzene	<0.450		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Bromochloromethane	<0.700		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Bromodichloromethane	<0.390		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Bromoform	<0.540		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Bromomethane	<0.420		ug/L	7052454	7052454-BLK1	05/15/07 02:24
2-Butanone	<3.06		ug/L	7052454	7052454-BLK1	05/15/07 02:24
sec-Butylbenzene	<0.260		ug/L	7052454	7052454-BLK1	05/15/07 02:24
n-Butylbenzene	<0.780		ug/L	7052454	7052454-BLK1	05/15/07 02:24
tert-Butylbenzene	<0.400		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Carbon disulfide	<0.230		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Carbon Tetrachloride	<0.410		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Chlorobenzene	<0.340		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Chlorodibromomethane	<0.480		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Chloroethane	<0.350		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Chloroform	<0.510		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Chloromethane	<0.310		ug/L	7052454	7052454-BLK1	05/15/07 02:24
2-Chlorotoluene	<0.210		ug/L	7052454	7052454-BLK1	05/15/07 02:24
4-Chlorotoluene	<0.410		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2-Dibromoethane (EDB)	<0.320		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Dibromomethane	<0.430		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,4-Dichlorobenzene	<0.360		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,3-Dichlorobenzene	<0.410		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2-Dichlorobenzene	<0.440		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Dichlorodifluoromethane	<0.290		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1-Dichloroethane	<0.600		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2-Dichloroethane	<0.460		ug/L	7052454	7052454-BLK1	05/15/07 02:24
cis-1,2-Dichloroethene	<0.540		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1-Dichloroethene	<0.270		ug/L	7052454	7052454-BLK1	05/15/07 02:24
trans-1,2-Dichloroethene	<0.200		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,3-Dichloropropane	<0.480		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2-Dichloropropane	<0.370		ug/L	7052454	7052454-BLK1	05/15/07 02:24
2,2-Dichloropropane	<0.370		ug/L	7052454	7052454-BLK1	05/15/07 02:24
cis-1,3-Dichloropropene	<0.330		ug/L	7052454	7052454-BLK1	05/15/07 02:24
trans-1,3-Dichloropropene	<0.310		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1-Dichloropropene	<0.280		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Ethylbenzene	<0.420		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Hexachlorobutadiene	<0.660		ug/L	7052454	7052454-BLK1	05/15/07 02:24
2-Hexanone	<2.19		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Isopropylbenzene	<0.410		ug/L	7052454	7052454-BLK1	05/15/07 02:24

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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						
7052454-BLK1						
p-Isopropyltoluene	<0.320		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Methyl tert-Butyl Ether	<0.310		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Methylene Chloride	<2.10		ug/L	7052454	7052454-BLK1	05/15/07 02:24
4-Methyl-2-pentanone	<4.15		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Naphthalene	<0.650		ug/L	7052454	7052454-BLK1	05/15/07 02:24
n-Propylbenzene	<0.350		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Styrene	<0.390		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Tetrachloroethene	<0.320		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Toluene	<0.420		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2,3-Trichlorobenzene	<0.620		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2,4-Trichlorobenzene	<0.620		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1,2-Trichloroethane	<0.570		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,1,1-Trichloroethane	<0.350		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Trichloroethene	<0.510		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Trichlorofluoromethane	<0.400		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2,3-Trichloropropane	<0.520		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,3,5-Trimethylbenzene	<0.240		ug/L	7052454	7052454-BLK1	05/15/07 02:24
1,2,4-Trimethylbenzene	<0.350		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Vinyl chloride	<0.260		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Xylenes, total	<0.450		ug/L	7052454	7052454-BLK1	05/15/07 02:24
Surrogate: 1,2-Dichloroethane-d4	92%			7052454	7052454-BLK1	05/15/07 02:24
Surrogate: Dibromofluoromethane	97%			7052454	7052454-BLK1	05/15/07 02:24
Surrogate: Toluene-d8	97%			7052454	7052454-BLK1	05/15/07 02:24
Surrogate: 4-Bromofluorobenzene	100%			7052454	7052454-BLK1	05/15/07 02:24
7052570-BLK1						
Acetone	<7.41		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Benzene	<0.330		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Bromobenzene	<0.450		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Bromochloromethane	<0.700		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Bromodichloromethane	<0.390		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Bromoform	<0.540		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Bromomethane	<0.420		ug/L	7052570	7052570-BLK1	05/14/07 13:33
2-Butanone	<3.06		ug/L	7052570	7052570-BLK1	05/14/07 13:33
sec-Butylbenzene	<0.260		ug/L	7052570	7052570-BLK1	05/14/07 13:33
n-Butylbenzene	<0.780		ug/L	7052570	7052570-BLK1	05/14/07 13:33
tert-Butylbenzene	<0.400		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Carbon disulfide	<0.230		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Carbon Tetrachloride	<0.410		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Chlorobenzene	<0.340		ug/L	7052570	7052570-BLK1	05/14/07 13:33

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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						
7052570-BLK1						
Chlorodibromomethane	<0.480		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Chloroethane	<0.350		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Chloroform	<0.510		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Chloromethane	<0.310		ug/L	7052570	7052570-BLK1	05/14/07 13:33
2-Chlorotoluene	<0.210		ug/L	7052570	7052570-BLK1	05/14/07 13:33
4-Chlorotoluene	<0.410		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2-Dibromoethane (EDB)	<0.320		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Dibromomethane	<0.430		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,4-Dichlorobenzene	<0.360		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,3-Dichlorobenzene	<0.410		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2-Dichlorobenzene	<0.440		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Dichlorodifluoromethane	<0.290		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1-Dichloroethane	<0.600		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2-Dichloroethane	<0.460		ug/L	7052570	7052570-BLK1	05/14/07 13:33
cis-1,2-Dichloroethene	<0.540		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1-Dichloroethene	<0.270		ug/L	7052570	7052570-BLK1	05/14/07 13:33
trans-1,2-Dichloroethene	<0.200		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,3-Dichloropropane	<0.480		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2-Dichloropropane	<0.370		ug/L	7052570	7052570-BLK1	05/14/07 13:33
2,2-Dichloropropane	<0.370		ug/L	7052570	7052570-BLK1	05/14/07 13:33
cis-1,3-Dichloropropene	<0.330		ug/L	7052570	7052570-BLK1	05/14/07 13:33
trans-1,3-Dichloropropene	<0.310		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1-Dichloropropene	<0.280		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Ethylbenzene	<0.420		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Hexachlorobutadiene	<0.660		ug/L	7052570	7052570-BLK1	05/14/07 13:33
2-Hexanone	<2.19		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Isopropylbenzene	<0.410		ug/L	7052570	7052570-BLK1	05/14/07 13:33
p-Isopropyltoluene	<0.320		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Methyl tert-Butyl Ether	<0.310		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Methylene Chloride	<2.10		ug/L	7052570	7052570-BLK1	05/14/07 13:33
4-Methyl-2-pentanone	<4.15		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Naphthalene	<0.650		ug/L	7052570	7052570-BLK1	05/14/07 13:33
n-Propylbenzene	<0.350		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Styrene	<0.390		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Tetrachloroethene	<0.320		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Toluene	<0.420		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2,3-Trichlorobenzene	<0.620		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2,4-Trichlorobenzene	<0.620		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,1,2-Trichloroethane	<0.570		ug/L	7052570	7052570-BLK1	05/14/07 13:33

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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						
7052570-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Trichloroethene	<0.510		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Trichlorofluoromethane	<0.400		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2,3-Trichloropropane	<0.520		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,3,5-Trimethylbenzene	<0.240		ug/L	7052570	7052570-BLK1	05/14/07 13:33
1,2,4-Trimethylbenzene	<0.350		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Vinyl chloride	<0.260		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Xylenes, total	<0.450		ug/L	7052570	7052570-BLK1	05/14/07 13:33
Surrogate: 1,2-Dichloroethane-d4	96%			7052570	7052570-BLK1	05/14/07 13:33
Surrogate: Dibromofluoromethane	99%			7052570	7052570-BLK1	05/14/07 13:33
Surrogate: Toluene-d8	95%			7052570	7052570-BLK1	05/14/07 13:33
Surrogate: 4-Bromofluorobenzene	102%			7052570	7052570-BLK1	05/14/07 13:33
7053090-BLK1						
Acetone	<7.41		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Benzene	<0.330		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Bromobenzene	<0.450		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Bromochloromethane	<0.700		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Bromodichloromethane	<0.390		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Bromoform	<0.540		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Bromomethane	<0.420		ug/L	7053090	7053090-BLK1	05/16/07 00:54
2-Butanone	<3.06		ug/L	7053090	7053090-BLK1	05/16/07 00:54
sec-Butylbenzene	<0.260		ug/L	7053090	7053090-BLK1	05/16/07 00:54
n-Butylbenzene	<0.780		ug/L	7053090	7053090-BLK1	05/16/07 00:54
tert-Butylbenzene	<0.400		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Carbon disulfide	<0.230		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Carbon Tetrachloride	<0.410		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Chlorobenzene	<0.340		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Chlorodibromomethane	<0.480		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Chloroethane	<0.350		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Chloroform	<0.510		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Chloromethane	<0.310		ug/L	7053090	7053090-BLK1	05/16/07 00:54
2-Chlorotoluene	<0.210		ug/L	7053090	7053090-BLK1	05/16/07 00:54
4-Chlorotoluene	<0.410		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2-Dibromoethane (EDB)	<0.320		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Dibromomethane	<0.430		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,4-Dichlorobenzene	<0.360		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,3-Dichlorobenzene	<0.410		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2-Dichlorobenzene	<0.440		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Dichlorodifluoromethane	<0.290		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1-Dichloroethane	<0.600		ug/L	7053090	7053090-BLK1	05/16/07 00:54

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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						
7053090-BLK1						
1,2-Dichloroethane	<0.460		ug/L	7053090	7053090-BLK1	05/16/07 00:54
cis-1,2-Dichloroethene	<0.540		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1-Dichloroethene	<0.270		ug/L	7053090	7053090-BLK1	05/16/07 00:54
trans-1,2-Dichloroethene	<0.200		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,3-Dichloropropane	<0.480		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2-Dichloropropane	<0.370		ug/L	7053090	7053090-BLK1	05/16/07 00:54
2,2-Dichloropropane	<0.370		ug/L	7053090	7053090-BLK1	05/16/07 00:54
cis-1,3-Dichloropropene	<0.330		ug/L	7053090	7053090-BLK1	05/16/07 00:54
trans-1,3-Dichloropropene	<0.310		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1-Dichloropropene	<0.280		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Ethylbenzene	<0.420		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Hexachlorobutadiene	1.20		ug/L	7053090	7053090-BLK1	05/16/07 00:54
2-Hexanone	<2.19		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Isopropylbenzene	<0.410		ug/L	7053090	7053090-BLK1	05/16/07 00:54
p-Isopropyltoluene	<0.320		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Methyl tert-Butyl Ether	<0.310		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Methylene Chloride	<2.10		ug/L	7053090	7053090-BLK1	05/16/07 00:54
4-Methyl-2-pentanone	<4.15		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Naphthalene	<0.650		ug/L	7053090	7053090-BLK1	05/16/07 00:54
n-Propylbenzene	<0.350		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Styrene	<0.390		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Tetrachloroethene	<0.320		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Toluene	<0.420		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2,3-Trichlorobenzene	<0.620		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2,4-Trichlorobenzene	<0.620		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1,2-Trichloroethane	<0.570		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,1,1-Trichloroethane	<0.350		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Trichloroethene	<0.510		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Trichlorofluoromethane	<0.400		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2,3-Trichloropropane	<0.520		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,3,5-Trimethylbenzene	<0.240		ug/L	7053090	7053090-BLK1	05/16/07 00:54
1,2,4-Trimethylbenzene	<0.350		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Vinyl chloride	<0.260		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Xylenes, total	<0.450		ug/L	7053090	7053090-BLK1	05/16/07 00:54
Surrogate: 1,2-Dichloroethane-d4	117%			7053090	7053090-BLK1	05/16/07 00:54
Surrogate: Dibromofluoromethane	109%			7053090	7053090-BLK1	05/16/07 00:54
Surrogate: Toluene-d8	98%			7053090	7053090-BLK1	05/16/07 00:54
Surrogate: 4-Bromofluorobenzene	101%			7053090	7053090-BLK1	05/16/07 00:54

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7052454-BS1								
Acetone	250	262		ug/L	105%	63 - 147	7052454	05/15/07 00:55
Benzene	50.0	53.8		ug/L	108%	78 - 125	7052454	05/15/07 00:55
Bromobenzene	50.0	51.3		ug/L	103%	71 - 142	7052454	05/15/07 00:55
Bromochloromethane	50.0	50.9		ug/L	102%	76 - 129	7052454	05/15/07 00:55
Bromodichloromethane	50.0	54.7		ug/L	109%	71 - 134	7052454	05/15/07 00:55
Bromoform	50.0	57.5		ug/L	115%	49 - 129	7052454	05/15/07 00:55
Bromomethane	50.0	57.2		ug/L	114%	42 - 154	7052454	05/15/07 00:55
2-Butanone	250	273		ug/L	109%	74 - 130	7052454	05/15/07 00:55
sec-Butylbenzene	50.0	56.8		ug/L	114%	78 - 129	7052454	05/15/07 00:55
n-Butylbenzene	50.0	54.5		ug/L	109%	68 - 138	7052454	05/15/07 00:55
tert-Butylbenzene	50.0	55.8		ug/L	112%	79 - 128	7052454	05/15/07 00:55
Carbon disulfide	50.0	54.2		ug/L	108%	65 - 122	7052454	05/15/07 00:55
Carbon Tetrachloride	50.0	52.5		ug/L	105%	62 - 142	7052454	05/15/07 00:55
Chlorobenzene	50.0	54.0		ug/L	108%	82 - 125	7052454	05/15/07 00:55
Chlorodibromomethane	50.0	55.0		ug/L	110%	67 - 135	7052454	05/15/07 00:55
Chloroethane	50.0	50.5		ug/L	101%	57 - 138	7052454	05/15/07 00:55
Chloroform	50.0	54.7		ug/L	109%	75 - 122	7052454	05/15/07 00:55
Chloromethane	50.0	44.6		ug/L	89%	31 - 147	7052454	05/15/07 00:55
2-Chlorotoluene	50.0	55.3		ug/L	111%	74 - 135	7052454	05/15/07 00:55
4-Chlorotoluene	50.0	52.5		ug/L	105%	74 - 133	7052454	05/15/07 00:55
1,2-Dibromo-3-chloropropane	50.0	58.0		ug/L	116%	45 - 140	7052454	05/15/07 00:55
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L	106%	80 - 132	7052454	05/15/07 00:55
Dibromomethane	50.0	54.2		ug/L	108%	69 - 132	7052454	05/15/07 00:55
1,4-Dichlorobenzene	50.0	52.8		ug/L	106%	79 - 125	7052454	05/15/07 00:55
1,3-Dichlorobenzene	50.0	53.0		ug/L	106%	77 - 132	7052454	05/15/07 00:55
1,2-Dichlorobenzene	50.0	53.8		ug/L	108%	82 - 133	7052454	05/15/07 00:55
Dichlorodifluoromethane	50.0	42.1		ug/L	84%	34 - 120	7052454	05/15/07 00:55
1,1-Dichloroethane	50.0	53.2		ug/L	106%	79 - 120	7052454	05/15/07 00:55
1,2-Dichloroethane	50.0	53.8		ug/L	108%	64 - 134	7052454	05/15/07 00:55
cis-1,2-Dichloroethene	50.0	52.9		ug/L	106%	71 - 126	7052454	05/15/07 00:55
1,1-Dichloroethene	50.0	56.5		ug/L	113%	71 - 123	7052454	05/15/07 00:55
trans-1,2-Dichloroethene	50.0	54.5		ug/L	109%	74 - 127	7052454	05/15/07 00:55
1,3-Dichloropropane	50.0	53.0		ug/L	106%	80 - 128	7052454	05/15/07 00:55
1,2-Dichloropropane	50.0	53.4		ug/L	107%	73 - 120	7052454	05/15/07 00:55
2,2-Dichloropropane	50.0	33.4		ug/L	67%	25 - 156	7052454	05/15/07 00:55
cis-1,3-Dichloropropene	50.0	53.9		ug/L	108%	70 - 135	7052454	05/15/07 00:55
trans-1,3-Dichloropropene	50.0	53.1		ug/L	106%	61 - 124	7052454	05/15/07 00:55
1,1-Dichloropropene	50.0	54.7		ug/L	109%	79 - 138	7052454	05/15/07 00:55
Ethylbenzene	50.0	53.6		ug/L	107%	73 - 134	7052454	05/15/07 00:55
Hexachlorobutadiene	50.0	55.5		ug/L	111%	58 - 145	7052454	05/15/07 00:55
2-Hexanone	250	256		ug/L	102%	72 - 136	7052454	05/15/07 00:55

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7052454-BS1								
Isopropylbenzene	50.0	52.8		ug/L	106%	74 - 121	7052454	05/15/07 00:55
p-Isopropyltoluene	50.0	54.8		ug/L	110%	70 - 133	7052454	05/15/07 00:55
Methyl tert-Butyl Ether	50.0	49.7		ug/L	99%	69 - 122	7052454	05/15/07 00:55
Methylene Chloride	50.0	56.0		ug/L	112%	75 - 127	7052454	05/15/07 00:55
4-Methyl-2-pentanone	250	245		ug/L	98%	77 - 132	7052454	05/15/07 00:55
Naphthalene	50.0	57.1		ug/L	114%	65 - 145	7052454	05/15/07 00:55
n-Propylbenzene	50.0	53.6		ug/L	107%	76 - 133	7052454	05/15/07 00:55
Styrene	50.0	63.5		ug/L	127%	80 - 145	7052454	05/15/07 00:55
1,1,1,2-Tetrachloroethane	50.0	53.7		ug/L	107%	72 - 136	7052454	05/15/07 00:55
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L	108%	71 - 137	7052454	05/15/07 00:55
Tetrachloroethene	50.0	53.2		ug/L	106%	70 - 131	7052454	05/15/07 00:55
Toluene	50.0	57.1		ug/L	114%	78 - 122	7052454	05/15/07 00:55
1,2,3-Trichlorobenzene	50.0	53.7		ug/L	107%	60 - 144	7052454	05/15/07 00:55
1,2,4-Trichlorobenzene	50.0	53.8		ug/L	108%	63 - 140	7052454	05/15/07 00:55
1,1,2-Trichloroethane	50.0	53.7		ug/L	107%	81 - 127	7052454	05/15/07 00:55
1,1,1-Trichloroethane	50.0	53.7		ug/L	107%	69 - 128	7052454	05/15/07 00:55
Trichloroethene	50.0	56.5		ug/L	113%	73 - 133	7052454	05/15/07 00:55
Trichlorofluoromethane	50.0	48.7		ug/L	97%	49 - 139	7052454	05/15/07 00:55
1,2,3-Trichloropropane	50.0	49.0		ug/L	98%	52 - 151	7052454	05/15/07 00:55
1,3,5-Trimethylbenzene	50.0	54.5		ug/L	109%	72 - 136	7052454	05/15/07 00:55
1,2,4-Trimethylbenzene	50.0	53.6		ug/L	107%	73 - 134	7052454	05/15/07 00:55
Vinyl chloride	50.0	50.2		ug/L	100%	54 - 137	7052454	05/15/07 00:55
Xylenes, total	150	175		ug/L	117%	79 - 130	7052454	05/15/07 00:55
Surrogate: 1,2-Dichloroethane-d4	50.0	49.4			99%	62 - 142	7052454	05/15/07 00:55
Surrogate: Dibromofluoromethane	50.0	49.6			99%	78 - 123	7052454	05/15/07 00:55
Surrogate: Toluene-d8	50.0	49.5			99%	79 - 120	7052454	05/15/07 00:55
Surrogate: 4-Bromofluorobenzene	50.0	49.2			98%	75 - 133	7052454	05/15/07 00:55
7052570-BS1								
Acetone	250	256		ug/L	102%	63 - 147	7052570	05/14/07 12:33
Benzene	50.0	50.5		ug/L	101%	78 - 125	7052570	05/14/07 12:33
Bromobenzene	50.0	47.3		ug/L	95%	71 - 142	7052570	05/14/07 12:33
Bromochloromethane	50.0	47.7		ug/L	95%	76 - 129	7052570	05/14/07 12:33
Bromodichloromethane	50.0	52.1		ug/L	104%	71 - 134	7052570	05/14/07 12:33
Bromoform	50.0	51.5		ug/L	103%	49 - 129	7052570	05/14/07 12:33
Bromomethane	50.0	53.4		ug/L	107%	42 - 154	7052570	05/14/07 12:33
2-Butanone	250	265		ug/L	106%	74 - 130	7052570	05/14/07 12:33
sec-Butylbenzene	50.0	51.0		ug/L	102%	78 - 129	7052570	05/14/07 12:33
n-Butylbenzene	50.0	49.9		ug/L	100%	68 - 138	7052570	05/14/07 12:33
tert-Butylbenzene	50.0	50.2		ug/L	100%	79 - 128	7052570	05/14/07 12:33
Carbon disulfide	50.0	51.8		ug/L	104%	65 - 122	7052570	05/14/07 12:33
Carbon Tetrachloride	50.0	51.1		ug/L	102%	62 - 142	7052570	05/14/07 12:33

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7052570-BS1								
Chlorobenzene	50.0	50.1		ug/L	100%	82 - 125	7052570	05/14/07 12:33
Chlorodibromomethane	50.0	50.0		ug/L	100%	67 - 135	7052570	05/14/07 12:33
Chloroethane	50.0	48.4		ug/L	97%	57 - 138	7052570	05/14/07 12:33
Chloroform	50.0	51.6		ug/L	103%	75 - 122	7052570	05/14/07 12:33
Chloromethane	50.0	49.4		ug/L	99%	31 - 147	7052570	05/14/07 12:33
2-Chlorotoluene	50.0	51.3		ug/L	103%	74 - 135	7052570	05/14/07 12:33
4-Chlorotoluene	50.0	48.0		ug/L	96%	74 - 133	7052570	05/14/07 12:33
1,2-Dibromo-3-chloropropane	50.0	53.3		ug/L	107%	45 - 140	7052570	05/14/07 12:33
1,2-Dibromoethane (EDB)	50.0	49.7		ug/L	99%	80 - 132	7052570	05/14/07 12:33
Dibromomethane	50.0	51.3		ug/L	103%	69 - 132	7052570	05/14/07 12:33
1,4-Dichlorobenzene	50.0	48.4		ug/L	97%	79 - 125	7052570	05/14/07 12:33
1,3-Dichlorobenzene	50.0	48.6		ug/L	97%	77 - 132	7052570	05/14/07 12:33
1,2-Dichlorobenzene	50.0	48.6		ug/L	97%	82 - 133	7052570	05/14/07 12:33
Dichlorodifluoromethane	50.0	42.8		ug/L	86%	34 - 120	7052570	05/14/07 12:33
1,1-Dichloroethane	50.0	50.9		ug/L	102%	79 - 120	7052570	05/14/07 12:33
1,2-Dichloroethane	50.0	51.0		ug/L	102%	64 - 134	7052570	05/14/07 12:33
cis-1,2-Dichloroethene	50.0	51.8		ug/L	104%	71 - 126	7052570	05/14/07 12:33
1,1-Dichloroethene	50.0	53.5		ug/L	107%	71 - 123	7052570	05/14/07 12:33
trans-1,2-Dichloroethene	50.0	51.8		ug/L	104%	74 - 127	7052570	05/14/07 12:33
1,3-Dichloropropane	50.0	48.9		ug/L	98%	80 - 128	7052570	05/14/07 12:33
1,2-Dichloropropane	50.0	49.8		ug/L	100%	73 - 120	7052570	05/14/07 12:33
2,2-Dichloropropane	50.0	44.5		ug/L	89%	25 - 156	7052570	05/14/07 12:33
cis-1,3-Dichloropropene	50.0	52.1		ug/L	104%	70 - 135	7052570	05/14/07 12:33
trans-1,3-Dichloropropene	50.0	51.8		ug/L	104%	61 - 124	7052570	05/14/07 12:33
1,1-Dichloropropene	50.0	52.3		ug/L	105%	79 - 138	7052570	05/14/07 12:33
Ethylbenzene	50.0	49.3		ug/L	99%	73 - 134	7052570	05/14/07 12:33
Hexachlorobutadiene	50.0	53.5		ug/L	107%	58 - 145	7052570	05/14/07 12:33
2-Hexanone	250	241		ug/L	96%	72 - 136	7052570	05/14/07 12:33
Isopropylbenzene	50.0	48.2		ug/L	96%	74 - 121	7052570	05/14/07 12:33
p-Isopropyltoluene	50.0	49.7		ug/L	99%	70 - 133	7052570	05/14/07 12:33
Methyl tert-Butyl Ether	50.0	46.8		ug/L	94%	69 - 122	7052570	05/14/07 12:33
Methylene Chloride	50.0	53.0		ug/L	106%	75 - 127	7052570	05/14/07 12:33
4-Methyl-2-pentanone	250	230		ug/L	92%	77 - 132	7052570	05/14/07 12:33
Naphthalene	50.0	51.8		ug/L	104%	65 - 145	7052570	05/14/07 12:33
n-Propylbenzene	50.0	48.7		ug/L	97%	76 - 133	7052570	05/14/07 12:33
Styrene	50.0	58.2		ug/L	116%	80 - 145	7052570	05/14/07 12:33
1,1,1,2-Tetrachloroethane	50.0	49.5		ug/L	99%	72 - 136	7052570	05/14/07 12:33
1,1,2,2-Tetrachloroethane	50.0	49.6		ug/L	99%	71 - 137	7052570	05/14/07 12:33
Tetrachloroethene	50.0	49.7		ug/L	99%	70 - 131	7052570	05/14/07 12:33
Toluene	50.0	52.2		ug/L	104%	78 - 122	7052570	05/14/07 12:33
1,2,3-Trichlorobenzene	50.0	49.0		ug/L	98%	60 - 144	7052570	05/14/07 12:33

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7052570-BS1								
1,2,4-Trichlorobenzene	50.0	49.8		ug/L	100%	63 - 140	7052570	05/14/07 12:33
1,1,2-Trichloroethane	50.0	49.8		ug/L	100%	81 - 127	7052570	05/14/07 12:33
1,1,1-Trichloroethane	50.0	51.6		ug/L	103%	69 - 128	7052570	05/14/07 12:33
Trichloroethene	50.0	53.6		ug/L	107%	73 - 133	7052570	05/14/07 12:33
Trichlorofluoromethane	50.0	47.2		ug/L	94%	49 - 139	7052570	05/14/07 12:33
1,2,3-Trichloropropane	50.0	44.6		ug/L	89%	52 - 151	7052570	05/14/07 12:33
1,3,5-Trimethylbenzene	50.0	49.5		ug/L	99%	72 - 136	7052570	05/14/07 12:33
1,2,4-Trimethylbenzene	50.0	48.9		ug/L	98%	73 - 134	7052570	05/14/07 12:33
Vinyl chloride	50.0	48.2		ug/L	96%	54 - 137	7052570	05/14/07 12:33
Xylenes, total	150	161		ug/L	107%	79 - 130	7052570	05/14/07 12:33
Surrogate: 1,2-Dichloroethane-d4	50.0	51.4			103%	62 - 142	7052570	05/14/07 12:33
Surrogate: Dibromofluoromethane	50.0	50.0			100%	78 - 123	7052570	05/14/07 12:33
Surrogate: Toluene-d8	50.0	49.1			98%	79 - 120	7052570	05/14/07 12:33
Surrogate: 4-Bromofluorobenzene	50.0	50.1			100%	75 - 133	7052570	05/14/07 12:33
7053090-BS1								
Acetone	250	256		ug/L	102%	63 - 147	7053090	05/15/07 23:35
Benzene	50.0	46.6		ug/L	93%	78 - 125	7053090	05/15/07 23:35
Bromobenzene	50.0	50.2		ug/L	100%	71 - 142	7053090	05/15/07 23:35
Bromochloromethane	50.0	51.6		ug/L	103%	76 - 129	7053090	05/15/07 23:35
Bromodichloromethane	50.0	55.9		ug/L	112%	71 - 134	7053090	05/15/07 23:35
Bromoform	50.0	51.0		ug/L	102%	49 - 129	7053090	05/15/07 23:35
Bromomethane	50.0	44.6		ug/L	89%	42 - 154	7053090	05/15/07 23:35
2-Butanone	250	241		ug/L	96%	74 - 130	7053090	05/15/07 23:35
sec-Butylbenzene	50.0	52.3		ug/L	105%	78 - 129	7053090	05/15/07 23:35
n-Butylbenzene	50.0	51.0		ug/L	102%	68 - 138	7053090	05/15/07 23:35
tert-Butylbenzene	50.0	54.6		ug/L	109%	79 - 128	7053090	05/15/07 23:35
Carbon disulfide	50.0	47.9		ug/L	96%	65 - 122	7053090	05/15/07 23:35
Carbon Tetrachloride	50.0	56.6		ug/L	113%	62 - 142	7053090	05/15/07 23:35
Chlorobenzene	50.0	49.6		ug/L	99%	82 - 125	7053090	05/15/07 23:35
Chlorodibromomethane	50.0	50.8		ug/L	102%	67 - 135	7053090	05/15/07 23:35
Chloroethane	50.0	44.0		ug/L	88%	57 - 138	7053090	05/15/07 23:35
Chloroform	50.0	51.7		ug/L	103%	75 - 122	7053090	05/15/07 23:35
Chloromethane	50.0	38.7		ug/L	77%	31 - 147	7053090	05/15/07 23:35
2-Chlorotoluene	50.0	51.0		ug/L	102%	74 - 135	7053090	05/15/07 23:35
4-Chlorotoluene	50.0	50.4		ug/L	101%	74 - 133	7053090	05/15/07 23:35
1,2-Dibromo-3-chloropropane	50.0	51.4		ug/L	103%	45 - 140	7053090	05/15/07 23:35
1,2-Dibromoethane (EDB)	50.0	51.3		ug/L	103%	80 - 132	7053090	05/15/07 23:35
Dibromomethane	50.0	54.1		ug/L	108%	69 - 132	7053090	05/15/07 23:35
1,4-Dichlorobenzene	50.0	49.6		ug/L	99%	79 - 125	7053090	05/15/07 23:35
1,3-Dichlorobenzene	50.0	50.8		ug/L	102%	77 - 132	7053090	05/15/07 23:35
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	82 - 133	7053090	05/15/07 23:35

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
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Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7053090-BS1								
Dichlorodifluoromethane	50.0	33.9		ug/L	68%	34 - 120	7053090	05/15/07 23:35
1,1-Dichloroethane	50.0	48.6		ug/L	97%	79 - 120	7053090	05/15/07 23:35
1,2-Dichloroethane	50.0	52.4		ug/L	105%	64 - 134	7053090	05/15/07 23:35
cis-1,2-Dichloroethene	50.0	51.5		ug/L	103%	71 - 126	7053090	05/15/07 23:35
1,1-Dichloroethene	50.0	48.2		ug/L	96%	71 - 123	7053090	05/15/07 23:35
trans-1,2-Dichloroethene	50.0	50.2		ug/L	100%	74 - 127	7053090	05/15/07 23:35
1,3-Dichloropropane	50.0	50.1		ug/L	100%	80 - 128	7053090	05/15/07 23:35
1,2-Dichloropropane	50.0	46.0		ug/L	92%	73 - 120	7053090	05/15/07 23:35
2,2-Dichloropropane	50.0	41.0		ug/L	82%	25 - 156	7053090	05/15/07 23:35
cis-1,3-Dichloropropene	50.0	54.7		ug/L	109%	70 - 135	7053090	05/15/07 23:35
trans-1,3-Dichloropropene	50.0	57.6		ug/L	115%	61 - 124	7053090	05/15/07 23:35
1,1-Dichloropropene	50.0	49.9		ug/L	100%	79 - 138	7053090	05/15/07 23:35
Ethylbenzene	50.0	51.8		ug/L	104%	73 - 134	7053090	05/15/07 23:35
Hexachlorobutadiene	50.0	55.5	B	ug/L	111%	58 - 145	7053090	05/15/07 23:35
2-Hexanone	250	269		ug/L	108%	72 - 136	7053090	05/15/07 23:35
Isopropylbenzene	50.0	51.8		ug/L	104%	74 - 121	7053090	05/15/07 23:35
p-Isopropyltoluene	50.0	51.2		ug/L	102%	70 - 133	7053090	05/15/07 23:35
Methyl tert-Butyl Ether	50.0	48.8		ug/L	98%	69 - 122	7053090	05/15/07 23:35
Methylene Chloride	50.0	50.4		ug/L	101%	75 - 127	7053090	05/15/07 23:35
4-Methyl-2-pentanone	250	274		ug/L	110%	77 - 132	7053090	05/15/07 23:35
Naphthalene	50.0	55.1		ug/L	110%	65 - 145	7053090	05/15/07 23:35
n-Propylbenzene	50.0	51.9		ug/L	104%	76 - 133	7053090	05/15/07 23:35
Styrene	50.0	58.6		ug/L	117%	80 - 145	7053090	05/15/07 23:35
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/L	109%	72 - 136	7053090	05/15/07 23:35
1,1,2,2-Tetrachloroethane	50.0	51.8		ug/L	104%	71 - 137	7053090	05/15/07 23:35
Tetrachloroethene	50.0	48.4		ug/L	97%	70 - 131	7053090	05/15/07 23:35
Toluene	50.0	48.5		ug/L	97%	78 - 122	7053090	05/15/07 23:35
1,2,3-Trichlorobenzene	50.0	51.5		ug/L	103%	60 - 144	7053090	05/15/07 23:35
1,2,4-Trichlorobenzene	50.0	53.1		ug/L	106%	63 - 140	7053090	05/15/07 23:35
1,1,2-Trichloroethane	50.0	51.5		ug/L	103%	81 - 127	7053090	05/15/07 23:35
1,1,1-Trichloroethane	50.0	54.4		ug/L	109%	69 - 128	7053090	05/15/07 23:35
Trichloroethene	50.0	49.5		ug/L	99%	73 - 133	7053090	05/15/07 23:35
Trichlorofluoromethane	50.0	44.9		ug/L	90%	49 - 139	7053090	05/15/07 23:35
1,2,3-Trichloropropane	50.0	45.0		ug/L	90%	52 - 151	7053090	05/15/07 23:35
1,3,5-Trimethylbenzene	50.0	53.3		ug/L	107%	72 - 136	7053090	05/15/07 23:35
1,2,4-Trimethylbenzene	50.0	53.4		ug/L	107%	73 - 134	7053090	05/15/07 23:35
Vinyl chloride	50.0	41.0		ug/L	82%	54 - 137	7053090	05/15/07 23:35
Xylenes, total	150	156		ug/L	104%	79 - 130	7053090	05/15/07 23:35
Surrogate: 1,2-Dichloroethane-d4	25.0	27.8			111%	62 - 142	7053090	05/15/07 23:35
Surrogate: Dibromofluoromethane	25.0	26.3			105%	78 - 123	7053090	05/15/07 23:35
Surrogate: Toluene-d8	25.0	25.9			104%	79 - 120	7053090	05/15/07 23:35

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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								
7053090-BS1								
Surrogate: 4-Bromofluorobenzene	25.0	26.1			104%	75 - 133	7053090	05/15/07 23:35

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	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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										
7053090-MS1										
Acetone	2.91	231		ug/L	250	91%	56 - 147	7053090	NQE0882-24	05/16/07 08:14
Benzene	ND	47.4		ug/L	50.0	95%	74 - 130	7053090	NQE0882-24	05/16/07 08:14
Bromobenzene	ND	47.9		ug/L	50.0	96%	71 - 142	7053090	NQE0882-24	05/16/07 08:14
Bromochloromethane	ND	50.9		ug/L	50.0	102%	71 - 137	7053090	NQE0882-24	05/16/07 08:14
Bromodichloromethane	ND	57.1		ug/L	50.0	114%	66 - 145	7053090	NQE0882-24	05/16/07 08:14
Bromoform	ND	46.8		ug/L	50.0	94%	41 - 129	7053090	NQE0882-24	05/16/07 08:14
Bromomethane	ND	45.2		ug/L	50.0	90%	21 - 173	7053090	NQE0882-24	05/16/07 08:14
2-Butanone	ND	221		ug/L	250	88%	62 - 142	7053090	NQE0882-24	05/16/07 08:14
sec-Butylbenzene	ND	54.3		ug/L	50.0	109%	62 - 146	7053090	NQE0882-24	05/16/07 08:14
n-Butylbenzene	ND	54.4		ug/L	50.0	109%	58 - 150	7053090	NQE0882-24	05/16/07 08:14
tert-Butylbenzene	ND	55.4		ug/L	50.0	111%	68 - 143	7053090	NQE0882-24	05/16/07 08:14
Carbon disulfide	ND	52.0		ug/L	50.0	104%	38 - 149	7053090	NQE0882-24	05/16/07 08:14
Carbon Tetrachloride	ND	67.4		ug/L	50.0	135%	60 - 153	7053090	NQE0882-24	05/16/07 08:14
Chlorobenzene	ND	49.4		ug/L	50.0	99%	78 - 131	7053090	NQE0882-24	05/16/07 08:14
Chlorodibromomethane	ND	48.9		ug/L	50.0	98%	59 - 137	7053090	NQE0882-24	05/16/07 08:14
Chloroethane	ND	48.7		ug/L	50.0	97%	57 - 150	7053090	NQE0882-24	05/16/07 08:14
Chloroform	ND	55.6		ug/L	50.0	111%	69 - 135	7053090	NQE0882-24	05/16/07 08:14
Chloromethane	ND	46.9		ug/L	50.0	94%	22 - 154	7053090	NQE0882-24	05/16/07 08:14
2-Chlorotoluene	ND	49.9		ug/L	50.0	100%	78 - 138	7053090	NQE0882-24	05/16/07 08:14
4-Chlorotoluene	ND	50.6		ug/L	50.0	101%	73 - 139	7053090	NQE0882-24	05/16/07 08:14
1,2-Dibromo-3-chloropropane	ND	43.6		ug/L	50.0	87%	43 - 140	7053090	NQE0882-24	05/16/07 08:14
1,2-Dibromoethane (EDB)	ND	48.0		ug/L	50.0	96%	79 - 132	7053090	NQE0882-24	05/16/07 08:14
Dibromomethane	ND	51.9		ug/L	50.0	104%	66 - 137	7053090	NQE0882-24	05/16/07 08:14
1,4-Dichlorobenzene	ND	47.6		ug/L	50.0	95%	72 - 130	7053090	NQE0882-24	05/16/07 08:14
1,3-Dichlorobenzene	ND	49.4		ug/L	50.0	99%	75 - 134	7053090	NQE0882-24	05/16/07 08:14
1,2-Dichlorobenzene	ND	49.5		ug/L	50.0	99%	80 - 133	7053090	NQE0882-24	05/16/07 08:14
Dichlorodifluoromethane	ND	48.5		ug/L	50.0	97%	19 - 126	7053090	NQE0882-24	05/16/07 08:14
1,1-Dichloroethane	ND	52.4		ug/L	50.0	105%	74 - 133	7053090	NQE0882-24	05/16/07 08:14
1,2-Dichloroethane	ND	55.7		ug/L	50.0	111%	55 - 148	7053090	NQE0882-24	05/16/07 08:14
cis-1,2-Dichloroethene	ND	56.1		ug/L	50.0	112%	69 - 135	7053090	NQE0882-24	05/16/07 08:14
1,1-Dichloroethene	ND	51.9		ug/L	50.0	104%	66 - 140	7053090	NQE0882-24	05/16/07 08:14
trans-1,2-Dichloroethene	ND	55.7		ug/L	50.0	111%	68 - 142	7053090	NQE0882-24	05/16/07 08:14
1,3-Dichloropropane	ND	48.0		ug/L	50.0	96%	78 - 128	7053090	NQE0882-24	05/16/07 08:14
1,2-Dichloropropane	ND	46.0		ug/L	50.0	92%	73 - 128	7053090	NQE0882-24	05/16/07 08:14
2,2-Dichloropropane	ND	62.9		ug/L	50.0	126%	25 - 156	7053090	NQE0882-24	05/16/07 08:14
cis-1,3-Dichloropropene	ND	50.5		ug/L	50.0	101%	62 - 135	7053090	NQE0882-24	05/16/07 08:14
trans-1,3-Dichloropropene	ND	56.9		ug/L	50.0	114%	54 - 124	7053090	NQE0882-24	05/16/07 08:14

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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										
7053090-MS1										
1,1-Dichloropropene	ND	55.3		ug/L	50.0	111%	72 - 138	7053090	NQE0882-24	05/16/07 08:14
Ethylbenzene	ND	53.5		ug/L	50.0	107%	70 - 143	7053090	NQE0882-24	05/16/07 08:14
Hexachlorobutadiene	ND	58.4	B	ug/L	50.0	117%	41 - 156	7053090	NQE0882-24	05/16/07 08:14
2-Hexanone	ND	247		ug/L	250	99%	67 - 142	7053090	NQE0882-24	05/16/07 08:14
Isopropylbenzene	ND	54.7		ug/L	50.0	109%	63 - 143	7053090	NQE0882-24	05/16/07 08:14
p-Isopropyltoluene	ND	53.3		ug/L	50.0	107%	52 - 156	7053090	NQE0882-24	05/16/07 08:14
Methyl tert-Butyl Ether	2.99	49.4		ug/L	50.0	93%	62 - 135	7053090	NQE0882-24	05/16/07 08:14
Methylene Chloride	ND	48.8		ug/L	50.0	98%	71 - 130	7053090	NQE0882-24	05/16/07 08:14
4-Methyl-2-pentanone	3.26	248		ug/L	250	98%	74 - 139	7053090	NQE0882-24	05/16/07 08:14
Naphthalene	ND	48.3		ug/L	50.0	97%	40 - 161	7053090	NQE0882-24	05/16/07 08:14
n-Propylbenzene	ND	52.8		ug/L	50.0	106%	67 - 146	7053090	NQE0882-24	05/16/07 08:14
Styrene	ND	57.7		ug/L	50.0	115%	39 - 162	7053090	NQE0882-24	05/16/07 08:14
1,1,1,2-Tetrachloroethane	ND	52.6		ug/L	50.0	105%	72 - 139	7053090	NQE0882-24	05/16/07 08:14
1,1,2,2-Tetrachloroethane	ND	43.8		ug/L	50.0	88%	71 - 139	7053090	NQE0882-24	05/16/07 08:14
Tetrachloroethene	ND	52.0		ug/L	50.0	104%	64 - 143	7053090	NQE0882-24	05/16/07 08:14
Toluene	ND	49.9		ug/L	50.0	100%	70 - 137	7053090	NQE0882-24	05/16/07 08:14
1,2,3-Trichlorobenzene	ND	46.7		ug/L	50.0	93%	45 - 150	7053090	NQE0882-24	05/16/07 08:14
1,2,4-Trichlorobenzene	ND	50.2		ug/L	50.0	100%	51 - 144	7053090	NQE0882-24	05/16/07 08:14
1,1,2-Trichloroethane	ND	48.9		ug/L	50.0	98%	76 - 132	7053090	NQE0882-24	05/16/07 08:14
1,1,1-Trichloroethane	ND	62.7		ug/L	50.0	125%	65 - 143	7053090	NQE0882-24	05/16/07 08:14
Trichloroethene	ND	52.6		ug/L	50.0	105%	70 - 137	7053090	NQE0882-24	05/16/07 08:14
Trichlorofluoromethane	ND	59.3		ug/L	50.0	119%	49 - 159	7053090	NQE0882-24	05/16/07 08:14
1,2,3-Trichloropropane	ND	42.8		ug/L	50.0	86%	63 - 135	7053090	NQE0882-24	05/16/07 08:14
1,3,5-Trimethylbenzene	ND	53.6		ug/L	50.0	107%	36 - 162	7053090	NQE0882-24	05/16/07 08:14
1,2,4-Trimethylbenzene	ND	53.0		ug/L	50.0	106%	49 - 152	7053090	NQE0882-24	05/16/07 08:14
Vinyl chloride	ND	48.4		ug/L	50.0	97%	49 - 148	7053090	NQE0882-24	05/16/07 08:14
Xylenes, total	ND	162		ug/L	150	108%	62 - 147	7053090	NQE0882-24	05/16/07 08:14
Surrogate: 1,2-Dichloroethane-d4		31.6		ug/L	25.0	126%	62 - 142	7053090	NQE0882-24	05/16/07 08:14
Surrogate: Dibromofluoromethane		29.4		ug/L	25.0	118%	78 - 123	7053090	NQE0882-24	05/16/07 08:14
Surrogate: Toluene-d8		26.4		ug/L	25.0	106%	79 - 120	7053090	NQE0882-24	05/16/07 08:14
Surrogate: 4-Bromofluorobenzene		26.1		ug/L	25.0	104%	75 - 133	7053090	NQE0882-24	05/16/07 08:14

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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												
7053090-MSD1												
Acetone	2.91	279		ug/L	250	110%	56 - 147	19	22	7053090	NQE0882-24	05/16/07 08:40
Benzene	ND	52.3		ug/L	50.0	105%	74 - 130	10	15	7053090	NQE0882-24	05/16/07 08:40
Bromobenzene	ND	52.9		ug/L	50.0	106%	71 - 142	10	17	7053090	NQE0882-24	05/16/07 08:40
Bromochloromethane	ND	53.1		ug/L	50.0	106%	71 - 137	4	15	7053090	NQE0882-24	05/16/07 08:40
Bromodichloromethane	ND	62.4		ug/L	50.0	125%	66 - 145	9	17	7053090	NQE0882-24	05/16/07 08:40
Bromoform	ND	53.5		ug/L	50.0	107%	41 - 129	13	19	7053090	NQE0882-24	05/16/07 08:40
Bromomethane	ND	56.0		ug/L	50.0	112%	21 - 173	21	41	7053090	NQE0882-24	05/16/07 08:40
2-Butanone	ND	254		ug/L	250	102%	62 - 142	14	17	7053090	NQE0882-24	05/16/07 08:40
sec-Butylbenzene	ND	59.1		ug/L	50.0	118%	62 - 146	8	21	7053090	NQE0882-24	05/16/07 08:40
n-Butylbenzene	ND	58.6		ug/L	50.0	117%	58 - 150	7	23	7053090	NQE0882-24	05/16/07 08:40
tert-Butylbenzene	ND	60.6		ug/L	50.0	121%	68 - 143	9	20	7053090	NQE0882-24	05/16/07 08:40
Carbon disulfide	ND	56.8		ug/L	50.0	114%	38 - 149	9	50	7053090	NQE0882-24	05/16/07 08:40
Carbon Tetrachloride	ND	70.4		ug/L	50.0	141%	60 - 153	4	18	7053090	NQE0882-24	05/16/07 08:40
Chlorobenzene	ND	53.5		ug/L	50.0	107%	78 - 131	8	15	7053090	NQE0882-24	05/16/07 08:40
Chlorodibromomethane	ND	53.6		ug/L	50.0	107%	59 - 137	9	18	7053090	NQE0882-24	05/16/07 08:40
Chloroethane	ND	54.0		ug/L	50.0	108%	57 - 150	10	36	7053090	NQE0882-24	05/16/07 08:40
Chloroform	ND	59.5		ug/L	50.0	119%	69 - 135	7	16	7053090	NQE0882-24	05/16/07 08:40
Chloromethane	ND	50.8		ug/L	50.0	102%	22 - 154	8	46	7053090	NQE0882-24	05/16/07 08:40
2-Chlorotoluene	ND	54.8		ug/L	50.0	110%	78 - 138	9	17	7053090	NQE0882-24	05/16/07 08:40
4-Chlorotoluene	ND	54.7		ug/L	50.0	109%	73 - 139	8	16	7053090	NQE0882-24	05/16/07 08:40
1,2-Dibromo-3-chloropropane	ND	50.8		ug/L	50.0	102%	43 - 140	15	20	7053090	NQE0882-24	05/16/07 08:40
1,2-Dibromoethane (EDB)	ND	54.2		ug/L	50.0	108%	79 - 132	12	16	7053090	NQE0882-24	05/16/07 08:40
Dibromomethane	ND	57.4		ug/L	50.0	115%	66 - 137	10	16	7053090	NQE0882-24	05/16/07 08:40
1,4-Dichlorobenzene	ND	52.9		ug/L	50.0	106%	72 - 130	11	16	7053090	NQE0882-24	05/16/07 08:40
1,3-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	75 - 134	9	17	7053090	NQE0882-24	05/16/07 08:40
1,2-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	80 - 133	8	16	7053090	NQE0882-24	05/16/07 08:40
Dichlorodifluoromethane	ND	47.8		ug/L	50.0	96%	19 - 126	1	21	7053090	NQE0882-24	05/16/07 08:40
1,1-Dichloroethane	ND	57.1		ug/L	50.0	114%	74 - 133	9	17	7053090	NQE0882-24	05/16/07 08:40
1,2-Dichloroethane	ND	58.8		ug/L	50.0	118%	55 - 148	5	19	7053090	NQE0882-24	05/16/07 08:40
cis-1,2-Dichloroethene	ND	60.8		ug/L	50.0	122%	69 - 135	8	16	7053090	NQE0882-24	05/16/07 08:40
1,1-Dichloroethene	ND	57.5		ug/L	50.0	115%	66 - 140	10	34	7053090	NQE0882-24	05/16/07 08:40
trans-1,2-Dichloroethene	ND	59.8		ug/L	50.0	120%	68 - 142	7	21	7053090	NQE0882-24	05/16/07 08:40
1,3-Dichloropropane	ND	52.1		ug/L	50.0	104%	78 - 128	8	16	7053090	NQE0882-24	05/16/07 08:40
1,2-Dichloropropane	ND	51.4		ug/L	50.0	103%	73 - 128	11	15	7053090	NQE0882-24	05/16/07 08:40
2,2-Dichloropropane	ND	67.5		ug/L	50.0	135%	25 - 156	7	16	7053090	NQE0882-24	05/16/07 08:40
cis-1,3-Dichloropropene	ND	60.2		ug/L	50.0	120%	62 - 135	18	19	7053090	NQE0882-24	05/16/07 08:40
trans-1,3-Dichloropropene	ND	62.9	M7	ug/L	50.0	126%	54 - 124	10	19	7053090	NQE0882-24	05/16/07 08:40
1,1-Dichloropropene	ND	60.0		ug/L	50.0	120%	72 - 138	8	17	7053090	NQE0882-24	05/16/07 08:40
Ethylbenzene	ND	58.3		ug/L	50.0	117%	70 - 143	9	15	7053090	NQE0882-24	05/16/07 08:40
Hexachlorobutadiene	ND	64.7	B	ug/L	50.0	129%	41 - 156	10	35	7053090	NQE0882-24	05/16/07 08:40
2-Hexanone	ND	274		ug/L	250	110%	67 - 142	10	18	7053090	NQE0882-24	05/16/07 08:40

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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												
7053090-MSD1												
Isopropylbenzene	ND	59.5		ug/L	50.0	119%	63 - 143	8	17	7053090	NQE0882-24	05/16/07 08:40
p-Isopropyltoluene	ND	58.5		ug/L	50.0	117%	52 - 156	9	21	7053090	NQE0882-24	05/16/07 08:40
Methyl tert-Butyl Ether	2.99	55.7		ug/L	50.0	105%	62 - 135	12	16	7053090	NQE0882-24	05/16/07 08:40
Methylene Chloride	ND	54.0		ug/L	50.0	108%	71 - 130	10	19	7053090	NQE0882-24	05/16/07 08:40
4-Methyl-2-pentanone	3.26	274		ug/L	250	108%	74 - 139	10	18	7053090	NQE0882-24	05/16/07 08:40
Naphthalene	ND	55.7		ug/L	50.0	111%	40 - 161	14	34	7053090	NQE0882-24	05/16/07 08:40
n-Propylbenzene	ND	57.3		ug/L	50.0	115%	67 - 146	8	18	7053090	NQE0882-24	05/16/07 08:40
Styrene	ND	63.0		ug/L	50.0	126%	39 - 162	9	22	7053090	NQE0882-24	05/16/07 08:40
1,1,1,2-Tetrachloroethane	ND	60.2		ug/L	50.0	120%	72 - 139	13	16	7053090	NQE0882-24	05/16/07 08:40
1,1,2,2-Tetrachloroethane	ND	50.5		ug/L	50.0	101%	71 - 139	14	16	7053090	NQE0882-24	05/16/07 08:40
Tetrachloroethene	ND	56.6		ug/L	50.0	113%	64 - 143	8	20	7053090	NQE0882-24	05/16/07 08:40
Toluene	ND	54.1		ug/L	50.0	108%	70 - 137	8	15	7053090	NQE0882-24	05/16/07 08:40
1,2,3-Trichlorobenzene	ND	52.6		ug/L	50.0	105%	45 - 150	12	33	7053090	NQE0882-24	05/16/07 08:40
1,2,4-Trichlorobenzene	ND	55.2		ug/L	50.0	110%	51 - 144	9	26	7053090	NQE0882-24	05/16/07 08:40
1,1,2-Trichloroethane	ND	53.0		ug/L	50.0	106%	76 - 132	8	16	7053090	NQE0882-24	05/16/07 08:40
1,1,1-Trichloroethane	ND	67.0		ug/L	50.0	134%	65 - 143	7	17	7053090	NQE0882-24	05/16/07 08:40
Trichloroethene	ND	55.3		ug/L	50.0	111%	70 - 137	5	17	7053090	NQE0882-24	05/16/07 08:40
Trichlorofluoromethane	ND	61.9		ug/L	50.0	124%	49 - 159	4	42	7053090	NQE0882-24	05/16/07 08:40
1,2,3-Trichloropropane	ND	46.6		ug/L	50.0	93%	63 - 135	9	18	7053090	NQE0882-24	05/16/07 08:40
1,3,5-Trimethylbenzene	ND	58.9		ug/L	50.0	118%	36 - 162	9	20	7053090	NQE0882-24	05/16/07 08:40
1,2,4-Trimethylbenzene	ND	58.2		ug/L	50.0	116%	49 - 152	9	18	7053090	NQE0882-24	05/16/07 08:40
Vinyl chloride	ND	54.6		ug/L	50.0	109%	49 - 148	12	50	7053090	NQE0882-24	05/16/07 08:40
Xylenes, total	ND	175		ug/L	150	117%	62 - 147	8	16	7053090	NQE0882-24	05/16/07 08:40
Surrogate: 1,2-Dichloroethane-d4		30.9		ug/L	25.0	124%	62 - 142			7053090	NQE0882-24	05/16/07 08:40
Surrogate: Dibromofluoromethane		28.6		ug/L	25.0	114%	78 - 123			7053090	NQE0882-24	05/16/07 08:40
Surrogate: Toluene-d8		26.1		ug/L	25.0	104%	79 - 120			7053090	NQE0882-24	05/16/07 08:40
Surrogate: 4-Bromofluorobenzene		25.3		ug/L	25.0	101%	75 - 133			7053090	NQE0882-24	05/16/07 08:40

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

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:	NQE0542
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/03/07 07:55

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
CF6	Results confirmed by reanalysis.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica ANALYTICAL TESTING CORPORATION Nashville, TN

COOLER RECEIPT FORM

NQE0542

Cooler Received/Opened On 05/03/2007 @ 0755

1. Tracking # 2049 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID Raynger ST

2. Temperature of rep. sample or temp blank when opened: 1.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..(NA)

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

If yes, how many and where: NA

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

6. Were custody papers inside cooler? (YES)..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) MM

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

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

8. Packing mat'l used? Bubblewrap (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

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

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

11. Were all container labels complete (#, date, signed, pres., etc)? YES...(NO)...NA Sample time not recorded.

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

13a. Were VOA vials received? (YES)...NO...NA

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

14. Was there a Trip Blank in this cooler? (YES)..NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) J

15a. On pres'd bottles, did pH test strips suggest 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_____

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) J

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) J

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

21. 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

Client Name: _____ Client #: _____
Address: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] 588-8544 Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303105 2006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	VOCs 8260	REMARKS	
BR-01	5-2-07	0925	G		GW	3		-1
BR-02		1015				3		-2
BR-05		1110				3		-3
BR-05 (MS)		1115				3	matrix spike	3
BR-05 (MSD)		1120				3	matrix spike dupe	-3
BR-08		1255				3		-4
BR-10		1340				3		-5
BR-15		1435				3		-6
TW-17		1520				3		-7
TW-20		1050				3		-8

NQE0542
05/18/07 23:59

Special Instructions:

Relinquished By: Joe Deatherage	Date: 5-2-07	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: J. Hubbard	Date: 5-3-07	Time: 0755

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.5
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: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] 588-8544 Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303105200.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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	
QAFB01	5-1-07	1045	G		GW								3	X Level 2 (Batch QC)		-9
QARB01		1055											3		Trip Blank	-10
QAFB01		1050											3			-11
BR-07		1135											3			-12
BR-04		1230											3			-13
BR-09		1445											3			-14
BR-11		1525											3			-15
BR-11 DUP		1525											3			-16
BR-17		1640											3			-17
BR-B03	↓	1735	↓		↓								3			-18

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

Special Instructions:

Relinquished By: Joe Deatherage	Date: 5-2-07	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: J. Hunter	Date: 5-3-07	Time: 0755

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.5
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

May 21, 2007 6:32:13PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn: Joe Deatherage

Work Order: NQE0929
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.06
P/O Nbr: 80322
Date Received: 05/05/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
QATB02	NQE0929-01	05/03/07 08:05
QAFB02	NQE0929-02	05/03/07 08:15
QARB02	NQE0929-03	05/03/07 08:20
TW-09	NQE0929-04	05/03/07 09:35
TW-07	NQE0929-05	05/03/07 10:20
TW-04	NQE0929-06	05/03/07 11:30
W-5	NQE0929-07	05/03/07 13:25
W-5 (Dup)	NQE0929-08	05/03/07 13:30
OB-7	NQE0929-09	05/03/07 14:25
OB-06	NQE0929-10	05/03/07 15:25
OB-09	NQE0929-11	05/03/07 16:15
OB-05	NQE0929-12	05/04/07 09:20
OB-08	NQE0929-13	05/04/07 10:10
OB-04	NQE0929-14	05/04/07 10:55

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 accreditation.

.

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New York Certification Number: 11132

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:

Andy Johnson

Andy Johnson

Operations Manager

REVIEWED BY
KSP

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

May 21, 2007 6:32:13PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn: Joe Deatherage

Work Order: NQE0929
Project Name: Former Taylor Instruments
Project Nbr: 3031052006.06
P/O Nbr: 80322
Date Received: 05/05/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
QATB02	NQE0929-01	05/03/07 08:05
QAFB02	NQE0929-02	05/03/07 08:15
QARB02	NQE0929-03	05/03/07 08:20
TW-09	NQE0929-04	05/03/07 09:35
TW-07	NQE0929-05	05/03/07 10:20
TW-04	NQE0929-06	05/03/07 11:30
W-5	NQE0929-07	05/03/07 13:25
W-5 (Dup)	NQE0929-08	05/03/07 13:30
OB-7	NQE0929-09	05/03/07 14:25
OB-06	NQE0929-10	05/03/07 15:25
OB-09	NQE0929-11	05/03/07 16:15
OB-05	NQE0929-12	05/04/07 09:20
OB-08	NQE0929-13	05/04/07 10:10
OB-04	NQE0929-14	05/04/07 10:55

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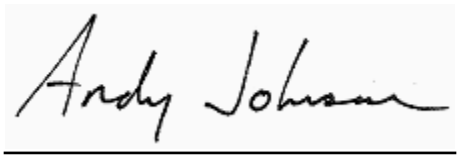
Report Approved By:



Andy Johnson

Operations 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)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-01 (QATB02 - Ground Water) Sampled: 05/03/07 08:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 01:57	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 01:57	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 01:57	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-01 (QATB02 - Ground Water) - cont. Sampled: 05/03/07 08:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 01:57	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 01:57	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 01:57	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Trichloroethene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 01:57	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 01:57	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 01:57*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 01:57*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*92 %*					*05/16/07 01:57*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/16/07 01:57*	*SW846 8260B*	*7052758*

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

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn Joe Deatherage

Work Order: NQE0929
Project Name: Former Taylor Instruments
Project Number: 3031052006.06
Received: 05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-02 (QAFB02 - Ground Water) Sampled: 05/03/07 08:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 02:22	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Bromodichloromethane	**2.58**		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 02:22	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Chlorodibromomethane	**2.94**		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Chloroform	**3.59**		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 02:22	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-02 (QAFB02 - Ground Water) - cont. Sampled: 05/03/07 08:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 02:22	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 02:22	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 02:22	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Trichloroethene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 02:22	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 02:22	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 02:22*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*93 %*					*05/16/07 02:22*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*92 %*					*05/16/07 02:22*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/16/07 02:22*	*SW846 8260B*	*7052758*

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

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn Joe Deatherage

Work Order: NQE0929
Project Name: Former Taylor Instruments
Project Number: 3031052006.06
Received: 05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-03 (QARB02 - Ground Water) Sampled: 05/03/07 08:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 02:46	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Bromodichloromethane	**2.33**		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 02:46	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Chlorodibromomethane	**2.85**		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Chloroform	**3.15**		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 02:46	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-03 (QARB02 - Ground Water) - cont. Sampled: 05/03/07 08:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 02:46	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 02:46	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 02:46	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Trichloroethene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 02:46	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 02:46	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/16/07 02:46*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 02:46*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*99 %*					*05/16/07 02:46*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/16/07 02:46*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-04 (TW-09 - Ground Water) Sampled: 05/03/07 09:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 03:10	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 03:10	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
cis-1,2-Dichloroethene	**3.01**		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
trans-1,2-Dichloroethene	**1.46**		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 03:10	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-04 (TW-09 - Ground Water) - cont. Sampled: 05/03/07 09:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 03:10	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 03:10	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 03:10	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Trichloroethene	**31.2**		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 03:10	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 03:10	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 03:10*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 03:10*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*100 %*					*05/16/07 03:10*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 03:10*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-05 (TW-07 - Ground Water) Sampled: 05/03/07 10:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 03:35	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 03:35	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 03:35	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-05 (TW-07 - Ground Water) - cont. Sampled: 05/03/07 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 03:35	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 03:35	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 03:35	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Trichloroethene	**1.11**		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 03:35	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 03:35	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/16/07 03:35*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 03:35*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*90 %*					*05/16/07 03:35*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 03:35*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-06 (TW-04 - Ground Water) Sampled: 05/03/07 11:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 03:59	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 03:59	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 03:59	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-06 (TW-04 - Ground Water) - cont. Sampled: 05/03/07 11:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 03:59	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 03:59	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 03:59	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Trichloroethene	**4.66**		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 03:59	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 03:59	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*96 %*					*05/16/07 03:59*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*95 %*					*05/16/07 03:59*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*102 %*					*05/16/07 03:59*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*05/16/07 03:59*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-07 (W-5 - Ground Water) Sampled: 05/03/07 13:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 04:23	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 04:23	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
cis-1,2-Dichloroethene	**340**		ug/L	10.0	10	05/16/07 16:54	SW846 8260B	7052839
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
trans-1,2-Dichloroethene	**4.61**		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 04:23	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-07 (W-5 - Ground Water) - cont. Sampled: 05/03/07 13:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 04:23	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 04:23	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 04:23	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Trichloroethene	**1140**		ug/L	10.0	10	05/16/07 16:54	SW846 8260B	7052839
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Vinyl chloride	**4.43**		ug/L	1.00	1	05/16/07 04:23	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 04:23	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 04:23*	*SW846 8260B*	*7052758*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*97 %*					*05/16/07 16:54*	*SW846 8260B*	*7052839*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 04:23*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*101 %*					*05/16/07 16:54*	*SW846 8260B*	*7052839*
Surr: Toluene-d8 (79-120%)	*101 %*					*05/16/07 04:23*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*94 %*					*05/16/07 16:54*	*SW846 8260B*	*7052839*
Surr: 4-Bromofluorobenzene (75-133%)	*100 %*					*05/16/07 04:23*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/16/07 16:54*	*SW846 8260B*	*7052839*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-08 (W-5 (Dup) - Ground Water) Sampled: 05/03/07 13:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 04:48	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 04:48	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
cis-1,2-Dichloroethene	**336**		ug/L	10.0	10	05/16/07 17:19	SW846 8260B	7052839
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
trans-1,2-Dichloroethene	**4.60**		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 04:48	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-08 (W-5 (Dup) - Ground Water) - cont. Sampled: 05/03/07 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 04:48	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 04:48	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 04:48	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Trichloroethene	**1070**		ug/L	10.0	10	05/16/07 17:19	SW846 8260B	7052839
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Vinyl chloride	**4.00**		ug/L	1.00	1	05/16/07 04:48	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 04:48	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/16/07 04:48*	*SW846 8260B*	*7052758*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*97 %*					*05/16/07 17:19*	*SW846 8260B*	*7052839*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 04:48*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*05/16/07 17:19*	*SW846 8260B*	*7052839*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/16/07 04:48*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/16/07 17:19*	*SW846 8260B*	*7052839*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 04:48*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*05/16/07 17:19*	*SW846 8260B*	*7052839*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-09 (OB-7 - Ground Water) Sampled: 05/03/07 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 01:33	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 01:33	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 01:33	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-09 (OB-7 - Ground Water) - cont. Sampled: 05/03/07 14:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 01:33	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 01:33	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 01:33	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Trichloroethene	**2.37**		ug/L	1.00	1	05/17/07 00:02	SW846 8260B	7052999
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 01:33	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 01:33	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 01:33*	*SW846 8260B*	*7052758*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*106 %*					*05/17/07 00:02*	*SW846 8260B*	*7052999*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 01:33*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*104 %*					*05/17/07 00:02*	*SW846 8260B*	*7052999*
Surr: Toluene-d8 (79-120%)	*98 %*					*05/16/07 01:33*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*113 %*					*05/17/07 00:02*	*SW846 8260B*	*7052999*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*05/16/07 01:33*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*110 %*					*05/17/07 00:02*	*SW846 8260B*	*7052999*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-10 (OB-06 - Ground Water) Sampled: 05/03/07 15:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 05:12	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 05:12	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
cis-1,2-Dichloroethene	**4.85**		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 05:12	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-10 (OB-06 - Ground Water) - cont. Sampled: 05/03/07 15:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 05:12	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 05:12	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 05:12	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Trichloroethene	**66.3**		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 05:12	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 05:12	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*05/16/07 05:12*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*95 %*					*05/16/07 05:12*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*99 %*					*05/16/07 05:12*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 05:12*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-11 (OB-09 - Ground Water) Sampled: 05/03/07 16:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 05:37	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 05:37	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
cis-1,2-Dichloroethene	**1.88**		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 05:37	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-11 (OB-09 - Ground Water) - cont. Sampled: 05/03/07 16:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 05:37	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 05:37	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 05:37	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Trichloroethene	**41.6**		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 05:37	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 05:37	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/16/07 05:37*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 05:37*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*97 %*					*05/16/07 05:37*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 05:37*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-12 (OB-05 - Ground Water) Sampled: 05/04/07 09:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 06:01	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
2-Butanone	ND		ug/L	50.0	1	05/16/07 06:01	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
cis-1,2-Dichloroethene	**1.35**		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 06:01	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-12 (OB-05 - Ground Water) - cont. Sampled: 05/04/07 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 06:01	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 06:01	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 06:01	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Trichloroethene	**98.8**		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 06:01	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 06:01	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*95 %*					*05/16/07 06:01*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 06:01*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*92 %*					*05/16/07 06:01*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 06:01*	*SW846 8260B*	*7052758*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-13 (OB-08 - Ground Water) Sampled: 05/04/07 10:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/16/07 06:25	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
2-Butanone	**326**		ug/L	50.0	1	05/16/07 06:25	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
cis-1,2-Dichloroethene	**3750**		ug/L	10.0	10	05/16/07 17:44	SW846 8260B	7052839
1,1-Dichloroethene	**12.7**		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
trans-1,2-Dichloroethene	**29.6**		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 06:25	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-13 (OB-08 - Ground Water) - cont. Sampled: 05/04/07 10:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 06:25	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 06:25	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 06:25	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Trichloroethene	**2.48**		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Vinyl chloride	**3.08**		ug/L	1.00	1	05/16/07 06:25	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 06:25	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*05/16/07 06:25*	*SW846 8260B*	*7052758*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*96 %*					*05/16/07 17:44*	*SW846 8260B*	*7052839*
Surr: Dibromofluoromethane (78-123%)	*96 %*					*05/16/07 06:25*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*05/16/07 17:44*	*SW846 8260B*	*7052839*
Surr: Toluene-d8 (79-120%)	*88 %*					*05/16/07 06:25*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/16/07 17:44*	*SW846 8260B*	*7052839*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 06:25*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 17:44*	*SW846 8260B*	*7052839*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-14 (OB-04 - Ground Water) Sampled: 05/04/07 10:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**193**		ug/L	50.0	1	05/16/07 06:50	SW846 8260B	7052758
Benzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Bromobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Bromochloromethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Bromodichloromethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Bromoform	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Bromomethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
2-Butanone	**390**		ug/L	50.0	1	05/16/07 06:50	SW846 8260B	7052758
sec-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
n-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
tert-Butylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Carbon disulfide	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Carbon Tetrachloride	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Chlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Chlorodibromomethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Chloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Chloroform	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Chloromethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
2-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
4-Chlorotoluene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Dibromomethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2-Dichloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
cis-1,2-Dichloroethene	**399**		ug/L	10.0	10	05/16/07 18:10	SW846 8260B	7052839
1,1-Dichloroethene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
trans-1,2-Dichloroethene	**3.19**		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,3-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
2,2-Dichloropropane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1-Dichloropropene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Ethylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Hexachlorobutadiene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
2-Hexanone	ND		ug/L	50.0	1	05/16/07 06:50	SW846 8260B	7052758
Isopropylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
p-Isopropyltoluene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQE0929-14 (OB-04 - Ground Water) - cont. Sampled: 05/04/07 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Methylene Chloride	ND		ug/L	5.00	1	05/16/07 06:50	SW846 8260B	7052758
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/16/07 06:50	SW846 8260B	7052758
Naphthalene	ND		ug/L	5.00	1	05/16/07 06:50	SW846 8260B	7052758
n-Propylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Styrene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Tetrachloroethene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Toluene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Trichloroethene	**618**		ug/L	10.0	10	05/16/07 18:10	SW846 8260B	7052839
Trichlorofluoromethane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Vinyl chloride	ND		ug/L	1.00	1	05/16/07 06:50	SW846 8260B	7052758
Xylenes, total	ND		ug/L	3.00	1	05/16/07 06:50	SW846 8260B	7052758
Surr: 1,2-Dichloroethane-d4 (62-142%)	*93 %*					*05/16/07 06:50*	*SW846 8260B*	*7052758*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*96 %*					*05/16/07 18:10*	*SW846 8260B*	*7052839*
Surr: Dibromofluoromethane (78-123%)	*94 %*					*05/16/07 06:50*	*SW846 8260B*	*7052758*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*05/16/07 18:10*	*SW846 8260B*	*7052839*
Surr: Toluene-d8 (79-120%)	*95 %*					*05/16/07 06:50*	*SW846 8260B*	*7052758*
Surr: Toluene-d8 (79-120%)	*94 %*					*05/16/07 18:10*	*SW846 8260B*	*7052839*
Surr: 4-Bromofluorobenzene (75-133%)	*98 %*					*05/16/07 06:50*	*SW846 8260B*	*7052758*
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*05/16/07 18:10*	*SW846 8260B*	*7052839*

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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						
7052758-BLK1						
Acetone	<7.41		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Benzene	<0.330		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Bromobenzene	<0.450		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Bromochloromethane	<0.700		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Bromodichloromethane	<0.390		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Bromoform	<0.540		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Bromomethane	<0.420		ug/L	7052758	7052758-BLK1	05/16/07 01:09
2-Butanone	<3.06		ug/L	7052758	7052758-BLK1	05/16/07 01:09
sec-Butylbenzene	<0.260		ug/L	7052758	7052758-BLK1	05/16/07 01:09
n-Butylbenzene	<0.780		ug/L	7052758	7052758-BLK1	05/16/07 01:09
tert-Butylbenzene	<0.400		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Carbon disulfide	<0.230		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Carbon Tetrachloride	<0.410		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Chlorobenzene	<0.340		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Chlorodibromomethane	<0.480		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Chloroethane	<0.350		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Chloroform	<0.510		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Chloromethane	<0.310		ug/L	7052758	7052758-BLK1	05/16/07 01:09
2-Chlorotoluene	<0.210		ug/L	7052758	7052758-BLK1	05/16/07 01:09
4-Chlorotoluene	<0.410		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2-Dibromoethane (EDB)	<0.320		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Dibromomethane	<0.430		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,4-Dichlorobenzene	<0.360		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,3-Dichlorobenzene	<0.410		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2-Dichlorobenzene	<0.440		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Dichlorodifluoromethane	<0.290		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1-Dichloroethane	<0.600		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2-Dichloroethane	<0.460		ug/L	7052758	7052758-BLK1	05/16/07 01:09
cis-1,2-Dichloroethene	<0.540		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1-Dichloroethene	<0.270		ug/L	7052758	7052758-BLK1	05/16/07 01:09
trans-1,2-Dichloroethene	<0.200		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,3-Dichloropropane	<0.480		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2-Dichloropropane	<0.370		ug/L	7052758	7052758-BLK1	05/16/07 01:09
2,2-Dichloropropane	<0.370		ug/L	7052758	7052758-BLK1	05/16/07 01:09
cis-1,3-Dichloropropene	<0.330		ug/L	7052758	7052758-BLK1	05/16/07 01:09
trans-1,3-Dichloropropene	<0.310		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1-Dichloropropene	<0.280		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Ethylbenzene	<0.420		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Hexachlorobutadiene	0.670		ug/L	7052758	7052758-BLK1	05/16/07 01:09
2-Hexanone	<2.19		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Isopropylbenzene	<0.410		ug/L	7052758	7052758-BLK1	05/16/07 01:09

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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						
7052758-BLK1						
p-Isopropyltoluene	<0.320		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Methyl tert-Butyl Ether	<0.310		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Methylene Chloride	<2.10		ug/L	7052758	7052758-BLK1	05/16/07 01:09
4-Methyl-2-pentanone	<4.15		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Naphthalene	<0.650		ug/L	7052758	7052758-BLK1	05/16/07 01:09
n-Propylbenzene	<0.350		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Styrene	<0.390		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Tetrachloroethene	<0.320		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Toluene	<0.420		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2,3-Trichlorobenzene	<0.620		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2,4-Trichlorobenzene	<0.620		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1,2-Trichloroethane	<0.570		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,1,1-Trichloroethane	<0.350		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Trichloroethene	<0.510		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Trichlorofluoromethane	<0.400		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2,3-Trichloropropane	<0.520		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,3,5-Trimethylbenzene	<0.240		ug/L	7052758	7052758-BLK1	05/16/07 01:09
1,2,4-Trimethylbenzene	<0.350		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Vinyl chloride	<0.260		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Xylenes, total	<0.450		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Diisopropyl Ether	<0.440		ug/L	7052758	7052758-BLK1	05/16/07 01:09
Surrogate: 1,2-Dichloroethane-d4	94%			7052758	7052758-BLK1	05/16/07 01:09
Surrogate: Dibromofluoromethane	93%			7052758	7052758-BLK1	05/16/07 01:09
Surrogate: Toluene-d8	91%			7052758	7052758-BLK1	05/16/07 01:09
Surrogate: 4-Bromofluorobenzene	99%			7052758	7052758-BLK1	05/16/07 01:09
7052839-BLK1						
Acetone	<7.41		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Benzene	<0.330		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Bromobenzene	<0.450		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Bromochloromethane	<0.700		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Bromodichloromethane	<0.390		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Bromoform	<0.540		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Bromomethane	<0.420		ug/L	7052839	7052839-BLK1	05/16/07 09:49
2-Butanone	<3.06		ug/L	7052839	7052839-BLK1	05/16/07 09:49
sec-Butylbenzene	<0.260		ug/L	7052839	7052839-BLK1	05/16/07 09:49
n-Butylbenzene	<0.780		ug/L	7052839	7052839-BLK1	05/16/07 09:49
tert-Butylbenzene	<0.400		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Carbon disulfide	<0.230		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Carbon Tetrachloride	<0.410		ug/L	7052839	7052839-BLK1	05/16/07 09:49

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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						
7052839-BLK1						
Chlorobenzene	<0.340		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Chlorodibromomethane	<0.480		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Chloroethane	<0.350		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Chloroform	<0.510		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Chloromethane	<0.310		ug/L	7052839	7052839-BLK1	05/16/07 09:49
2-Chlorotoluene	<0.210		ug/L	7052839	7052839-BLK1	05/16/07 09:49
4-Chlorotoluene	<0.410		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2-Dibromoethane (EDB)	<0.320		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Dibromomethane	<0.430		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,4-Dichlorobenzene	<0.360		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,3-Dichlorobenzene	<0.410		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2-Dichlorobenzene	<0.440		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Dichlorodifluoromethane	<0.290		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1-Dichloroethane	<0.600		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2-Dichloroethane	<0.460		ug/L	7052839	7052839-BLK1	05/16/07 09:49
cis-1,2-Dichloroethene	<0.540		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1-Dichloroethene	<0.270		ug/L	7052839	7052839-BLK1	05/16/07 09:49
trans-1,2-Dichloroethene	<0.200		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,3-Dichloropropane	<0.480		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2-Dichloropropane	<0.370		ug/L	7052839	7052839-BLK1	05/16/07 09:49
2,2-Dichloropropane	<0.370		ug/L	7052839	7052839-BLK1	05/16/07 09:49
cis-1,3-Dichloropropene	<0.330		ug/L	7052839	7052839-BLK1	05/16/07 09:49
trans-1,3-Dichloropropene	<0.310		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1-Dichloropropene	<0.280		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Ethylbenzene	<0.420		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Hexachlorobutadiene	<0.660		ug/L	7052839	7052839-BLK1	05/16/07 09:49
2-Hexanone	<2.19		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Isopropylbenzene	<0.410		ug/L	7052839	7052839-BLK1	05/16/07 09:49
p-Isopropyltoluene	<0.320		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Methyl tert-Butyl Ether	<0.310		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Methylene Chloride	<2.10		ug/L	7052839	7052839-BLK1	05/16/07 09:49
4-Methyl-2-pentanone	<4.15		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Naphthalene	<0.650		ug/L	7052839	7052839-BLK1	05/16/07 09:49
n-Propylbenzene	<0.350		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Styrene	<0.390		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Tetrachloroethene	<0.320		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Toluene	<0.420		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2,3-Trichlorobenzene	<0.620		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2,4-Trichlorobenzene	<0.620		ug/L	7052839	7052839-BLK1	05/16/07 09:49

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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						
7052839-BLK1						
1,1,2-Trichloroethane	<0.570		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,1,1-Trichloroethane	<0.350		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Trichloroethene	<0.510		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Trichlorofluoromethane	<0.400		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2,3-Trichloropropane	<0.520		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,3,5-Trimethylbenzene	<0.240		ug/L	7052839	7052839-BLK1	05/16/07 09:49
1,2,4-Trimethylbenzene	<0.350		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Vinyl chloride	<0.260		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Xylenes, total	<0.450		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Diisopropyl Ether	<0.440		ug/L	7052839	7052839-BLK1	05/16/07 09:49
Surrogate: 1,2-Dichloroethane-d4	95%			7052839	7052839-BLK1	05/16/07 09:49
Surrogate: Dibromofluoromethane	100%			7052839	7052839-BLK1	05/16/07 09:49
Surrogate: Toluene-d8	96%			7052839	7052839-BLK1	05/16/07 09:49
Surrogate: 4-Bromofluorobenzene	97%			7052839	7052839-BLK1	05/16/07 09:49
7052999-BLK1						
Acetone	<7.41		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Benzene	<0.330		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Bromobenzene	<0.450		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Bromochloromethane	<0.700		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Bromodichloromethane	<0.390		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Bromoform	<0.540		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Bromomethane	<0.420		ug/L	7052999	7052999-BLK1	05/16/07 23:36
2-Butanone	<3.06		ug/L	7052999	7052999-BLK1	05/16/07 23:36
sec-Butylbenzene	<0.260		ug/L	7052999	7052999-BLK1	05/16/07 23:36
n-Butylbenzene	<0.780		ug/L	7052999	7052999-BLK1	05/16/07 23:36
tert-Butylbenzene	<0.400		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Carbon disulfide	<0.230		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Carbon Tetrachloride	<0.410		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Chlorobenzene	<0.340		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Chlorodibromomethane	<0.480		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Chloroethane	<0.350		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Chloroform	<0.510		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Chloromethane	<0.310		ug/L	7052999	7052999-BLK1	05/16/07 23:36
2-Chlorotoluene	<0.210		ug/L	7052999	7052999-BLK1	05/16/07 23:36
4-Chlorotoluene	<0.410		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2-Dibromoethane (EDB)	<0.320		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Dibromomethane	<0.430		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,4-Dichlorobenzene	<0.360		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,3-Dichlorobenzene	<0.410		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2-Dichlorobenzene	<0.440		ug/L	7052999	7052999-BLK1	05/16/07 23:36

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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						
7052999-BLK1						
Dichlorodifluoromethane	<0.290		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1-Dichloroethane	<0.600		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2-Dichloroethane	<0.460		ug/L	7052999	7052999-BLK1	05/16/07 23:36
cis-1,2-Dichloroethene	<0.540		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1-Dichloroethene	<0.270		ug/L	7052999	7052999-BLK1	05/16/07 23:36
trans-1,2-Dichloroethene	<0.200		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,3-Dichloropropane	<0.480		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2-Dichloropropane	<0.370		ug/L	7052999	7052999-BLK1	05/16/07 23:36
2,2-Dichloropropane	<0.370		ug/L	7052999	7052999-BLK1	05/16/07 23:36
cis-1,3-Dichloropropene	<0.330		ug/L	7052999	7052999-BLK1	05/16/07 23:36
trans-1,3-Dichloropropene	<0.310		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1-Dichloropropene	<0.280		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Ethylbenzene	<0.420		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Hexachlorobutadiene	<0.660		ug/L	7052999	7052999-BLK1	05/16/07 23:36
2-Hexanone	<2.19		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Isopropylbenzene	<0.410		ug/L	7052999	7052999-BLK1	05/16/07 23:36
p-Isopropyltoluene	<0.320		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Methyl tert-Butyl Ether	<0.310		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Methylene Chloride	<2.10		ug/L	7052999	7052999-BLK1	05/16/07 23:36
4-Methyl-2-pentanone	<4.15		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Naphthalene	<0.650		ug/L	7052999	7052999-BLK1	05/16/07 23:36
n-Propylbenzene	<0.350		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Styrene	<0.390		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Tetrachloroethene	<0.320		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Toluene	<0.420		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2,3-Trichlorobenzene	<0.620		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2,4-Trichlorobenzene	<0.620		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1,2-Trichloroethane	<0.570		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,1,1-Trichloroethane	<0.350		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Trichloroethene	<0.510		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Trichlorofluoromethane	<0.400		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2,3-Trichloropropane	<0.520		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,3,5-Trimethylbenzene	<0.240		ug/L	7052999	7052999-BLK1	05/16/07 23:36
1,2,4-Trimethylbenzene	<0.350		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Vinyl chloride	<0.260		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Xylenes, total	<0.450		ug/L	7052999	7052999-BLK1	05/16/07 23:36
Surrogate: 1,2-Dichloroethane-d4	106%			7052999	7052999-BLK1	05/16/07 23:36
Surrogate: Dibromofluoromethane	104%			7052999	7052999-BLK1	05/16/07 23:36
Surrogate: Toluene-d8	114%			7052999	7052999-BLK1	05/16/07 23:36
Surrogate: 4-Bromofluorobenzene	109%			7052999	7052999-BLK1	05/16/07 23:36

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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								
7052758-BS1								
Acetone	250	270		ug/L	108%	63 - 147	7052758	05/15/07 23:56
Benzene	50.0	47.0		ug/L	94%	78 - 125	7052758	05/15/07 23:56
Bromobenzene	50.0	51.9		ug/L	104%	71 - 142	7052758	05/15/07 23:56
Bromochloromethane	50.0	47.6		ug/L	95%	76 - 129	7052758	05/15/07 23:56
Bromodichloromethane	50.0	49.3		ug/L	99%	71 - 134	7052758	05/15/07 23:56
Bromoform	50.0	44.8		ug/L	90%	49 - 129	7052758	05/15/07 23:56
Bromomethane	50.0	40.7		ug/L	81%	42 - 154	7052758	05/15/07 23:56
2-Butanone	250	243		ug/L	97%	74 - 130	7052758	05/15/07 23:56
sec-Butylbenzene	50.0	53.6		ug/L	107%	78 - 129	7052758	05/15/07 23:56
n-Butylbenzene	50.0	55.8		ug/L	112%	68 - 138	7052758	05/15/07 23:56
tert-Butylbenzene	50.0	53.9		ug/L	108%	79 - 128	7052758	05/15/07 23:56
Carbon disulfide	50.0	48.4		ug/L	97%	65 - 122	7052758	05/15/07 23:56
Carbon Tetrachloride	50.0	50.1		ug/L	100%	62 - 142	7052758	05/15/07 23:56
Chlorobenzene	50.0	50.2		ug/L	100%	82 - 125	7052758	05/15/07 23:56
Chlorodibromomethane	50.0	45.8		ug/L	92%	67 - 135	7052758	05/15/07 23:56
Chloroethane	50.0	46.6		ug/L	93%	57 - 138	7052758	05/15/07 23:56
Chloroform	50.0	47.3		ug/L	95%	75 - 122	7052758	05/15/07 23:56
Chloromethane	50.0	42.3		ug/L	85%	31 - 147	7052758	05/15/07 23:56
2-Chlorotoluene	50.0	49.2		ug/L	98%	74 - 135	7052758	05/15/07 23:56
4-Chlorotoluene	50.0	47.5		ug/L	95%	74 - 133	7052758	05/15/07 23:56
1,2-Dibromo-3-chloropropane	50.0	46.8		ug/L	94%	45 - 140	7052758	05/15/07 23:56
1,2-Dibromoethane (EDB)	50.0	54.8		ug/L	110%	80 - 132	7052758	05/15/07 23:56
Dibromomethane	50.0	48.4		ug/L	97%	69 - 132	7052758	05/15/07 23:56
1,4-Dichlorobenzene	50.0	48.9		ug/L	98%	79 - 125	7052758	05/15/07 23:56
1,3-Dichlorobenzene	50.0	49.0		ug/L	98%	77 - 132	7052758	05/15/07 23:56
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	82 - 133	7052758	05/15/07 23:56
Dichlorodifluoromethane	50.0	36.2		ug/L	72%	34 - 120	7052758	05/15/07 23:56
1,1-Dichloroethane	50.0	48.5		ug/L	97%	79 - 120	7052758	05/15/07 23:56
1,2-Dichloroethane	50.0	45.7		ug/L	91%	64 - 134	7052758	05/15/07 23:56
cis-1,2-Dichloroethene	50.0	48.1		ug/L	96%	71 - 126	7052758	05/15/07 23:56
1,1-Dichloroethene	50.0	49.8		ug/L	100%	71 - 123	7052758	05/15/07 23:56
trans-1,2-Dichloroethene	50.0	49.1		ug/L	98%	74 - 127	7052758	05/15/07 23:56
1,3-Dichloropropane	50.0	52.1		ug/L	104%	80 - 128	7052758	05/15/07 23:56
1,2-Dichloropropane	50.0	47.9		ug/L	96%	73 - 120	7052758	05/15/07 23:56
2,2-Dichloropropane	50.0	48.1		ug/L	96%	25 - 156	7052758	05/15/07 23:56
cis-1,3-Dichloropropene	50.0	55.4		ug/L	111%	70 - 135	7052758	05/15/07 23:56
trans-1,3-Dichloropropene	50.0	55.8		ug/L	112%	61 - 124	7052758	05/15/07 23:56
1,1-Dichloropropene	50.0	48.6		ug/L	97%	79 - 138	7052758	05/15/07 23:56
Ethylbenzene	50.0	52.9		ug/L	106%	73 - 134	7052758	05/15/07 23:56
Hexachlorobutadiene	50.0	52.0		ug/L	104%	58 - 145	7052758	05/15/07 23:56
2-Hexanone	250	274		ug/L	110%	72 - 136	7052758	05/15/07 23:56

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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								
7052758-BS1								
Isopropylbenzene	50.0	50.0		ug/L	100%	74 - 121	7052758	05/15/07 23:56
p-Isopropyltoluene	50.0	51.0		ug/L	102%	70 - 133	7052758	05/15/07 23:56
Methyl tert-Butyl Ether	50.0	46.6		ug/L	93%	69 - 122	7052758	05/15/07 23:56
Methylene Chloride	50.0	48.6		ug/L	97%	75 - 127	7052758	05/15/07 23:56
4-Methyl-2-pentanone	250	281		ug/L	112%	77 - 132	7052758	05/15/07 23:56
Naphthalene	50.0	55.4		ug/L	111%	65 - 145	7052758	05/15/07 23:56
n-Propylbenzene	50.0	54.1		ug/L	108%	76 - 133	7052758	05/15/07 23:56
Styrene	50.0	59.8		ug/L	120%	80 - 145	7052758	05/15/07 23:56
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L	95%	72 - 136	7052758	05/15/07 23:56
1,1,2,2-Tetrachloroethane	50.0	55.7		ug/L	111%	71 - 137	7052758	05/15/07 23:56
Tetrachloroethene	50.0	49.0		ug/L	98%	70 - 131	7052758	05/15/07 23:56
Toluene	50.0	48.3		ug/L	97%	78 - 122	7052758	05/15/07 23:56
1,2,3-Trichlorobenzene	50.0	51.8		ug/L	104%	60 - 144	7052758	05/15/07 23:56
1,2,4-Trichlorobenzene	50.0	52.3		ug/L	105%	63 - 140	7052758	05/15/07 23:56
1,1,2-Trichloroethane	50.0	53.0		ug/L	106%	81 - 127	7052758	05/15/07 23:56
1,1,1-Trichloroethane	50.0	49.2		ug/L	98%	69 - 128	7052758	05/15/07 23:56
Trichloroethene	50.0	46.8		ug/L	94%	73 - 133	7052758	05/15/07 23:56
Trichlorofluoromethane	50.0	43.9		ug/L	88%	49 - 139	7052758	05/15/07 23:56
1,2,3-Trichloropropane	50.0	49.5		ug/L	99%	52 - 151	7052758	05/15/07 23:56
1,3,5-Trimethylbenzene	50.0	51.2		ug/L	102%	72 - 136	7052758	05/15/07 23:56
1,2,4-Trimethylbenzene	50.0	51.1		ug/L	102%	73 - 134	7052758	05/15/07 23:56
Vinyl chloride	50.0	46.0		ug/L	92%	54 - 137	7052758	05/15/07 23:56
Xylenes, total	150	150		ug/L	100%	79 - 130	7052758	05/15/07 23:56
Diisopropyl Ether	50.0	48.8		ug/L	98%	74 - 120	7052758	05/15/07 23:56
Surrogate: 1,2-Dichloroethane-d4	25.0	22.6			90%	62 - 142	7052758	05/15/07 23:56
Surrogate: Dibromofluoromethane	25.0	22.7			91%	78 - 123	7052758	05/15/07 23:56
Surrogate: Toluene-d8	25.0	24.1			96%	79 - 120	7052758	05/15/07 23:56
Surrogate: 4-Bromofluorobenzene	25.0	24.5			98%	75 - 133	7052758	05/15/07 23:56
7052839-BS1								
Acetone	250	321		ug/L	128%	63 - 147	7052839	05/16/07 08:33
Benzene	50.0	55.8		ug/L	112%	78 - 125	7052839	05/16/07 08:33
Bromobenzene	50.0	46.3		ug/L	93%	71 - 142	7052839	05/16/07 08:33
Bromochloromethane	50.0	58.5		ug/L	117%	76 - 129	7052839	05/16/07 08:33
Bromodichloromethane	50.0	56.5		ug/L	113%	71 - 134	7052839	05/16/07 08:33
Bromoform	50.0	43.1		ug/L	86%	49 - 129	7052839	05/16/07 08:33
Bromomethane	50.0	46.7		ug/L	93%	42 - 154	7052839	05/16/07 08:33
2-Butanone	250	305		ug/L	122%	74 - 130	7052839	05/16/07 08:33
sec-Butylbenzene	50.0	50.7		ug/L	101%	78 - 129	7052839	05/16/07 08:33
n-Butylbenzene	50.0	49.8		ug/L	100%	68 - 138	7052839	05/16/07 08:33
tert-Butylbenzene	50.0	49.8		ug/L	100%	79 - 128	7052839	05/16/07 08:33
Carbon disulfide	50.0	55.8		ug/L	112%	65 - 122	7052839	05/16/07 08:33

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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								
7052839-BS1								
Carbon Tetrachloride	50.0	59.8		ug/L	120%	62 - 142	7052839	05/16/07 08:33
Chlorobenzene	50.0	51.3		ug/L	103%	82 - 125	7052839	05/16/07 08:33
Chlorodibromomethane	50.0	44.8		ug/L	90%	67 - 135	7052839	05/16/07 08:33
Chloroethane	50.0	49.5		ug/L	99%	57 - 138	7052839	05/16/07 08:33
Chloroform	50.0	55.0		ug/L	110%	75 - 122	7052839	05/16/07 08:33
Chloromethane	50.0	40.1		ug/L	80%	31 - 147	7052839	05/16/07 08:33
2-Chlorotoluene	50.0	47.6		ug/L	95%	74 - 135	7052839	05/16/07 08:33
4-Chlorotoluene	50.0	48.0		ug/L	96%	74 - 133	7052839	05/16/07 08:33
1,2-Dibromo-3-chloropropane	50.0	43.9		ug/L	88%	45 - 140	7052839	05/16/07 08:33
1,2-Dibromoethane (EDB)	50.0	54.9		ug/L	110%	80 - 132	7052839	05/16/07 08:33
Dibromomethane	50.0	56.4		ug/L	113%	69 - 132	7052839	05/16/07 08:33
1,4-Dichlorobenzene	50.0	50.5		ug/L	101%	79 - 125	7052839	05/16/07 08:33
1,3-Dichlorobenzene	50.0	49.8		ug/L	100%	77 - 132	7052839	05/16/07 08:33
1,2-Dichlorobenzene	50.0	50.3		ug/L	101%	82 - 133	7052839	05/16/07 08:33
Dichlorodifluoromethane	50.0	31.8		ug/L	64%	34 - 120	7052839	05/16/07 08:33
1,1-Dichloroethane	50.0	54.8		ug/L	110%	79 - 120	7052839	05/16/07 08:33
1,2-Dichloroethane	50.0	53.0		ug/L	106%	64 - 134	7052839	05/16/07 08:33
cis-1,2-Dichloroethene	50.0	54.8		ug/L	110%	71 - 126	7052839	05/16/07 08:33
1,1-Dichloroethene	50.0	58.6		ug/L	117%	71 - 123	7052839	05/16/07 08:33
trans-1,2-Dichloroethene	50.0	55.0		ug/L	110%	74 - 127	7052839	05/16/07 08:33
1,3-Dichloropropane	50.0	51.3		ug/L	103%	80 - 128	7052839	05/16/07 08:33
1,2-Dichloropropane	50.0	50.9		ug/L	102%	73 - 120	7052839	05/16/07 08:33
2,2-Dichloropropane	50.0	59.1		ug/L	118%	25 - 156	7052839	05/16/07 08:33
cis-1,3-Dichloropropene	50.0	55.6		ug/L	111%	70 - 135	7052839	05/16/07 08:33
trans-1,3-Dichloropropene	50.0	46.2		ug/L	92%	61 - 124	7052839	05/16/07 08:33
1,1-Dichloropropene	50.0	56.0		ug/L	112%	79 - 138	7052839	05/16/07 08:33
Ethylbenzene	50.0	52.2		ug/L	104%	73 - 134	7052839	05/16/07 08:33
Hexachlorobutadiene	50.0	54.4		ug/L	109%	58 - 145	7052839	05/16/07 08:33
2-Hexanone	250	269		ug/L	108%	72 - 136	7052839	05/16/07 08:33
Isopropylbenzene	50.0	50.4		ug/L	101%	74 - 121	7052839	05/16/07 08:33
p-Isopropyltoluene	50.0	49.8		ug/L	100%	70 - 133	7052839	05/16/07 08:33
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	69 - 122	7052839	05/16/07 08:33
Methylene Chloride	50.0	58.5		ug/L	117%	75 - 127	7052839	05/16/07 08:33
4-Methyl-2-pentanone	250	264		ug/L	106%	77 - 132	7052839	05/16/07 08:33
Naphthalene	50.0	49.9		ug/L	100%	65 - 145	7052839	05/16/07 08:33
n-Propylbenzene	50.0	48.9		ug/L	98%	76 - 133	7052839	05/16/07 08:33
Styrene	50.0	60.2		ug/L	120%	80 - 145	7052839	05/16/07 08:33
1,1,1,2-Tetrachloroethane	50.0	56.3		ug/L	113%	72 - 136	7052839	05/16/07 08:33
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L	100%	71 - 137	7052839	05/16/07 08:33
Tetrachloroethene	50.0	54.8		ug/L	110%	70 - 131	7052839	05/16/07 08:33
Toluene	50.0	50.8		ug/L	102%	78 - 122	7052839	05/16/07 08:33

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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								
7052839-BS1								
1,2,3-Trichlorobenzene	50.0	51.9		ug/L	104%	60 - 144	7052839	05/16/07 08:33
1,2,4-Trichlorobenzene	50.0	51.2		ug/L	102%	63 - 140	7052839	05/16/07 08:33
1,1,2-Trichloroethane	50.0	54.0		ug/L	108%	81 - 127	7052839	05/16/07 08:33
1,1,1-Trichloroethane	50.0	57.0		ug/L	114%	69 - 128	7052839	05/16/07 08:33
Trichloroethene	50.0	56.8		ug/L	114%	73 - 133	7052839	05/16/07 08:33
Trichlorofluoromethane	50.0	51.1		ug/L	102%	49 - 139	7052839	05/16/07 08:33
1,2,3-Trichloropropane	50.0	41.7		ug/L	83%	52 - 151	7052839	05/16/07 08:33
1,3,5-Trimethylbenzene	50.0	49.7		ug/L	99%	72 - 136	7052839	05/16/07 08:33
1,2,4-Trimethylbenzene	50.0	49.4		ug/L	99%	73 - 134	7052839	05/16/07 08:33
Vinyl chloride	50.0	47.4		ug/L	95%	54 - 137	7052839	05/16/07 08:33
Xylenes, total	150	154		ug/L	103%	79 - 130	7052839	05/16/07 08:33
Diisopropyl Ether	50.0	50.8		ug/L	102%	74 - 120	7052839	05/16/07 08:33
Surrogate: 1,2-Dichloroethane-d4	50.0	47.7			95%	62 - 142	7052839	05/16/07 08:33
Surrogate: Dibromofluoromethane	50.0	51.3			103%	78 - 123	7052839	05/16/07 08:33
Surrogate: Toluene-d8	50.0	48.4			97%	79 - 120	7052839	05/16/07 08:33
Surrogate: 4-Bromofluorobenzene	50.0	46.1			92%	75 - 133	7052839	05/16/07 08:33
7052999-BS1								
Acetone	250	238		ug/L	95%	63 - 147	7052999	05/16/07 22:19
Benzene	50.0	56.5		ug/L	113%	78 - 125	7052999	05/16/07 22:19
sec-Butylbenzene	50.0	57.4		ug/L	115%	78 - 129	7052999	05/16/07 22:19
n-Butylbenzene	50.0	56.0		ug/L	112%	68 - 138	7052999	05/16/07 22:19
tert-Butylbenzene	50.0	56.1		ug/L	112%	79 - 128	7052999	05/16/07 22:19
Chlorobenzene	50.0	50.7		ug/L	101%	82 - 125	7052999	05/16/07 22:19
1,2-Dibromoethane (EDB)	50.0	51.9		ug/L	104%	80 - 132	7052999	05/16/07 22:19
1,1-Dichloroethane	50.0	59.8		ug/L	120%	79 - 120	7052999	05/16/07 22:19
1,2-Dichloroethane	50.0	53.0		ug/L	106%	64 - 134	7052999	05/16/07 22:19
cis-1,2-Dichloroethene	50.0	46.9		ug/L	94%	71 - 126	7052999	05/16/07 22:19
1,1-Dichloroethene	50.0	47.4		ug/L	95%	71 - 123	7052999	05/16/07 22:19
trans-1,2-Dichloroethene	50.0	56.3		ug/L	113%	74 - 127	7052999	05/16/07 22:19
2,2-Dichloropropane	50.0	41.2		ug/L	82%	25 - 156	7052999	05/16/07 22:19
1,1-Dichloropropene	50.0	0.00	L2	ug/L	0%	79 - 138	7052999	05/16/07 22:19
Ethylbenzene	50.0	57.0		ug/L	114%	73 - 134	7052999	05/16/07 22:19
Isopropylbenzene	50.0	57.4		ug/L	115%	74 - 121	7052999	05/16/07 22:19
p-Isopropyltoluene	50.0	58.1		ug/L	116%	70 - 133	7052999	05/16/07 22:19
Methyl tert-Butyl Ether	50.0	44.0		ug/L	88%	69 - 122	7052999	05/16/07 22:19
Methylene Chloride	50.0	51.3		ug/L	103%	75 - 127	7052999	05/16/07 22:19
Naphthalene	50.0	50.0		ug/L	100%	65 - 145	7052999	05/16/07 22:19
n-Propylbenzene	50.0	60.1		ug/L	120%	76 - 133	7052999	05/16/07 22:19
1,1,1,2-Tetrachloroethane	50.0	59.4		ug/L	119%	72 - 136	7052999	05/16/07 22:19
Tetrachloroethene	50.0	51.6		ug/L	103%	70 - 131	7052999	05/16/07 22:19
Toluene	50.0	51.7		ug/L	103%	78 - 122	7052999	05/16/07 22:19

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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								
7052999-BS1								
1,1,2-Trichloroethane	50.0	50.0		ug/L	100%	81 - 127	7052999	05/16/07 22:19
1,1,1-Trichloroethane	50.0	47.8		ug/L	96%	69 - 128	7052999	05/16/07 22:19
Trichloroethene	50.0	49.6		ug/L	99%	73 - 133	7052999	05/16/07 22:19
1,3,5-Trimethylbenzene	50.0	58.2		ug/L	116%	72 - 136	7052999	05/16/07 22:19
1,2,4-Trimethylbenzene	50.0	57.6		ug/L	115%	73 - 134	7052999	05/16/07 22:19
Xylenes, total	150	173		ug/L	115%	79 - 130	7052999	05/16/07 22:19
Surrogate: 1,2-Dichloroethane-d4	25.0	24.7			99%	62 - 142	7052999	05/16/07 22:19
Surrogate: Dibromofluoromethane	25.0	25.9			104%	78 - 123	7052999	05/16/07 22:19
Surrogate: Toluene-d8	25.0	28.8			115%	79 - 120	7052999	05/16/07 22:19
Surrogate: 4-Bromofluorobenzene	25.0	26.7			107%	75 - 133	7052999	05/16/07 22:19

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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										
7052758-MS1										
Acetone	ND	214		ug/L	250	86%	56 - 147	7052758	NQE0929-09	05/16/07 09:40
Benzene	ND	48.0		ug/L	50.0	96%	74 - 130	7052758	NQE0929-09	05/16/07 09:40
Bromobenzene	ND	51.9		ug/L	50.0	104%	71 - 142	7052758	NQE0929-09	05/16/07 09:40
Bromochloromethane	ND	45.7		ug/L	50.0	91%	71 - 137	7052758	NQE0929-09	05/16/07 09:40
Bromodichloromethane	ND	48.1		ug/L	50.0	96%	66 - 145	7052758	NQE0929-09	05/16/07 09:40
Bromoform	ND	41.6		ug/L	50.0	83%	41 - 129	7052758	NQE0929-09	05/16/07 09:40
Bromomethane	ND	47.4		ug/L	50.0	95%	21 - 173	7052758	NQE0929-09	05/16/07 09:40
2-Butanone	ND	213		ug/L	250	85%	62 - 142	7052758	NQE0929-09	05/16/07 09:40
sec-Butylbenzene	ND	54.6		ug/L	50.0	109%	62 - 146	7052758	NQE0929-09	05/16/07 09:40
n-Butylbenzene	ND	55.2		ug/L	50.0	110%	58 - 150	7052758	NQE0929-09	05/16/07 09:40
tert-Butylbenzene	ND	55.2		ug/L	50.0	110%	68 - 143	7052758	NQE0929-09	05/16/07 09:40
Carbon disulfide	ND	51.0		ug/L	50.0	102%	38 - 149	7052758	NQE0929-09	05/16/07 09:40
Carbon Tetrachloride	ND	51.3		ug/L	50.0	103%	60 - 153	7052758	NQE0929-09	05/16/07 09:40
Chlorobenzene	ND	50.5		ug/L	50.0	101%	78 - 131	7052758	NQE0929-09	05/16/07 09:40
Chlorodibromomethane	ND	44.5		ug/L	50.0	89%	59 - 137	7052758	NQE0929-09	05/16/07 09:40
Chloroethane	ND	54.9		ug/L	50.0	110%	57 - 150	7052758	NQE0929-09	05/16/07 09:40
Chloroform	ND	47.1		ug/L	50.0	94%	69 - 135	7052758	NQE0929-09	05/16/07 09:40
Chloromethane	ND	55.8		ug/L	50.0	112%	22 - 154	7052758	NQE0929-09	05/16/07 09:40
2-Chlorotoluene	ND	49.7		ug/L	50.0	99%	78 - 138	7052758	NQE0929-09	05/16/07 09:40
4-Chlorotoluene	ND	47.6		ug/L	50.0	95%	73 - 139	7052758	NQE0929-09	05/16/07 09:40
1,2-Dibromo-3-chloropropane	ND	44.9		ug/L	50.0	90%	43 - 140	7052758	NQE0929-09	05/16/07 09:40
1,2-Dibromoethane (EDB)	ND	52.1		ug/L	50.0	104%	79 - 132	7052758	NQE0929-09	05/16/07 09:40
Dibromomethane	ND	45.4		ug/L	50.0	91%	66 - 137	7052758	NQE0929-09	05/16/07 09:40
1,4-Dichlorobenzene	ND	48.3		ug/L	50.0	97%	72 - 130	7052758	NQE0929-09	05/16/07 09:40
1,3-Dichlorobenzene	ND	48.8		ug/L	50.0	98%	75 - 134	7052758	NQE0929-09	05/16/07 09:40
1,2-Dichlorobenzene	ND	49.3		ug/L	50.0	99%	80 - 133	7052758	NQE0929-09	05/16/07 09:40
Dichlorodifluoromethane	ND	55.1		ug/L	50.0	110%	19 - 126	7052758	NQE0929-09	05/16/07 09:40
1,1-Dichloroethane	ND	49.4		ug/L	50.0	99%	74 - 133	7052758	NQE0929-09	05/16/07 09:40
1,2-Dichloroethane	ND	44.1		ug/L	50.0	88%	55 - 148	7052758	NQE0929-09	05/16/07 09:40
cis-1,2-Dichloroethene	ND	49.0		ug/L	50.0	98%	69 - 135	7052758	NQE0929-09	05/16/07 09:40
1,1-Dichloroethene	ND	51.4		ug/L	50.0	103%	66 - 140	7052758	NQE0929-09	05/16/07 09:40
trans-1,2-Dichloroethene	ND	49.7		ug/L	50.0	99%	68 - 142	7052758	NQE0929-09	05/16/07 09:40
1,3-Dichloropropane	ND	50.4		ug/L	50.0	101%	78 - 128	7052758	NQE0929-09	05/16/07 09:40
1,2-Dichloropropane	ND	49.7		ug/L	50.0	99%	73 - 128	7052758	NQE0929-09	05/16/07 09:40
2,2-Dichloropropane	ND	49.4		ug/L	50.0	99%	25 - 156	7052758	NQE0929-09	05/16/07 09:40
cis-1,3-Dichloropropene	ND	52.0		ug/L	50.0	104%	62 - 135	7052758	NQE0929-09	05/16/07 09:40
trans-1,3-Dichloropropene	ND	52.2		ug/L	50.0	104%	54 - 124	7052758	NQE0929-09	05/16/07 09:40

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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										
7052758-MS1										
1,1-Dichloropropene	ND	50.6		ug/L	50.0	101%	72 - 138	7052758	NQE0929-09	05/16/07 09:40
Ethylbenzene	ND	53.4		ug/L	50.0	107%	70 - 143	7052758	NQE0929-09	05/16/07 09:40
Hexachlorobutadiene	ND	46.2		ug/L	50.0	92%	41 - 156	7052758	NQE0929-09	05/16/07 09:40
2-Hexanone	ND	277		ug/L	250	111%	67 - 142	7052758	NQE0929-09	05/16/07 09:40
Isopropylbenzene	ND	54.2		ug/L	50.0	108%	63 - 143	7052758	NQE0929-09	05/16/07 09:40
p-Isopropyltoluene	ND	52.4		ug/L	50.0	105%	52 - 156	7052758	NQE0929-09	05/16/07 09:40
Methyl tert-Butyl Ether	ND	47.2		ug/L	50.0	94%	62 - 135	7052758	NQE0929-09	05/16/07 09:40
Methylene Chloride	ND	46.1		ug/L	50.0	92%	71 - 130	7052758	NQE0929-09	05/16/07 09:40
4-Methyl-2-pentanone	ND	289		ug/L	250	116%	74 - 139	7052758	NQE0929-09	05/16/07 09:40
Naphthalene	ND	53.1		ug/L	50.0	106%	40 - 161	7052758	NQE0929-09	05/16/07 09:40
n-Propylbenzene	ND	56.1		ug/L	50.0	112%	67 - 146	7052758	NQE0929-09	05/16/07 09:40
Styrene	ND	53.5		ug/L	50.0	107%	39 - 162	7052758	NQE0929-09	05/16/07 09:40
1,1,1,2-Tetrachloroethane	ND	47.5		ug/L	50.0	95%	72 - 139	7052758	NQE0929-09	05/16/07 09:40
1,1,2,2-Tetrachloroethane	ND	54.2		ug/L	50.0	108%	71 - 139	7052758	NQE0929-09	05/16/07 09:40
Tetrachloroethene	ND	51.4		ug/L	50.0	103%	64 - 143	7052758	NQE0929-09	05/16/07 09:40
Toluene	ND	50.0		ug/L	50.0	100%	70 - 137	7052758	NQE0929-09	05/16/07 09:40
1,2,3-Trichlorobenzene	ND	46.9		ug/L	50.0	94%	45 - 150	7052758	NQE0929-09	05/16/07 09:40
1,2,4-Trichlorobenzene	ND	48.4		ug/L	50.0	97%	51 - 144	7052758	NQE0929-09	05/16/07 09:40
1,1,2-Trichloroethane	ND	50.6		ug/L	50.0	101%	76 - 132	7052758	NQE0929-09	05/16/07 09:40
1,1,1-Trichloroethane	ND	50.5		ug/L	50.0	101%	65 - 143	7052758	NQE0929-09	05/16/07 09:40
Trichloroethene	3.14	50.0		ug/L	50.0	94%	70 - 137	7052758	NQE0929-09	05/16/07 09:40
Trichlorofluoromethane	ND	50.5		ug/L	50.0	101%	49 - 159	7052758	NQE0929-09	05/16/07 09:40
1,2,3-Trichloropropane	ND	51.0		ug/L	50.0	102%	63 - 135	7052758	NQE0929-09	05/16/07 09:40
1,3,5-Trimethylbenzene	ND	52.2		ug/L	50.0	104%	36 - 162	7052758	NQE0929-09	05/16/07 09:40
1,2,4-Trimethylbenzene	ND	51.2		ug/L	50.0	102%	49 - 152	7052758	NQE0929-09	05/16/07 09:40
Vinyl chloride	ND	56.7		ug/L	50.0	113%	49 - 148	7052758	NQE0929-09	05/16/07 09:40
Xylenes, total	ND	154		ug/L	150	103%	62 - 147	7052758	NQE0929-09	05/16/07 09:40
Diisopropyl Ether	ND	50.5		ug/L	50.0	101%	74 - 128	7052758	NQE0929-09	05/16/07 09:40
Surrogate: 1,2-Dichloroethane-d4		22.5		ug/L	25.0	90%	62 - 142	7052758	NQE0929-09	05/16/07 09:40
Surrogate: Dibromofluoromethane		22.5		ug/L	25.0	90%	78 - 123	7052758	NQE0929-09	05/16/07 09:40
Surrogate: Toluene-d8		25.0		ug/L	25.0	100%	79 - 120	7052758	NQE0929-09	05/16/07 09:40
Surrogate: 4-Bromofluorobenzene		25.3		ug/L	25.0	101%	75 - 133	7052758	NQE0929-09	05/16/07 09:40

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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												
7052758-MSD1												
Acetone	ND	240		ug/L	250	96%	56 - 147	11	22	7052758	NQE0929-09	05/16/07 10:04
Benzene	ND	49.5		ug/L	50.0	99%	74 - 130	3	15	7052758	NQE0929-09	05/16/07 10:04
Bromobenzene	ND	53.6		ug/L	50.0	107%	71 - 142	3	17	7052758	NQE0929-09	05/16/07 10:04
Bromochloromethane	ND	47.8		ug/L	50.0	96%	71 - 137	4	15	7052758	NQE0929-09	05/16/07 10:04
Bromodichloromethane	ND	50.1		ug/L	50.0	100%	66 - 145	4	17	7052758	NQE0929-09	05/16/07 10:04
Bromoform	ND	44.7		ug/L	50.0	89%	41 - 129	7	19	7052758	NQE0929-09	05/16/07 10:04
Bromomethane	ND	48.6		ug/L	50.0	97%	21 - 173	2	41	7052758	NQE0929-09	05/16/07 10:04
2-Butanone	ND	233		ug/L	250	93%	62 - 142	9	17	7052758	NQE0929-09	05/16/07 10:04
sec-Butylbenzene	ND	57.6		ug/L	50.0	115%	62 - 146	5	21	7052758	NQE0929-09	05/16/07 10:04
n-Butylbenzene	ND	58.8		ug/L	50.0	118%	58 - 150	6	23	7052758	NQE0929-09	05/16/07 10:04
tert-Butylbenzene	ND	57.8		ug/L	50.0	116%	68 - 143	5	20	7052758	NQE0929-09	05/16/07 10:04
Carbon disulfide	ND	53.1		ug/L	50.0	106%	38 - 149	4	50	7052758	NQE0929-09	05/16/07 10:04
Carbon Tetrachloride	ND	53.7		ug/L	50.0	107%	60 - 153	5	18	7052758	NQE0929-09	05/16/07 10:04
Chlorobenzene	ND	52.6		ug/L	50.0	105%	78 - 131	4	15	7052758	NQE0929-09	05/16/07 10:04
Chlorodibromomethane	ND	47.2		ug/L	50.0	94%	59 - 137	6	18	7052758	NQE0929-09	05/16/07 10:04
Chloroethane	ND	54.2		ug/L	50.0	108%	57 - 150	1	36	7052758	NQE0929-09	05/16/07 10:04
Chloroform	ND	49.2		ug/L	50.0	98%	69 - 135	4	16	7052758	NQE0929-09	05/16/07 10:04
Chloromethane	ND	53.9		ug/L	50.0	108%	22 - 154	3	46	7052758	NQE0929-09	05/16/07 10:04
2-Chlorotoluene	ND	51.0		ug/L	50.0	102%	78 - 138	3	17	7052758	NQE0929-09	05/16/07 10:04
4-Chlorotoluene	ND	49.3		ug/L	50.0	99%	73 - 139	4	16	7052758	NQE0929-09	05/16/07 10:04
1,2-Dibromo-3-chloropropane	ND	46.5		ug/L	50.0	93%	43 - 140	4	20	7052758	NQE0929-09	05/16/07 10:04
1,2-Dibromoethane (EDB)	ND	54.4		ug/L	50.0	109%	79 - 132	4	16	7052758	NQE0929-09	05/16/07 10:04
Dibromomethane	ND	47.2		ug/L	50.0	94%	66 - 137	4	16	7052758	NQE0929-09	05/16/07 10:04
1,4-Dichlorobenzene	ND	50.8		ug/L	50.0	102%	72 - 130	5	16	7052758	NQE0929-09	05/16/07 10:04
1,3-Dichlorobenzene	ND	50.9		ug/L	50.0	102%	75 - 134	4	17	7052758	NQE0929-09	05/16/07 10:04
1,2-Dichlorobenzene	ND	50.7		ug/L	50.0	101%	80 - 133	3	16	7052758	NQE0929-09	05/16/07 10:04
Dichlorodifluoromethane	ND	52.9		ug/L	50.0	106%	19 - 126	4	21	7052758	NQE0929-09	05/16/07 10:04
1,1-Dichloroethane	ND	51.1		ug/L	50.0	102%	74 - 133	3	17	7052758	NQE0929-09	05/16/07 10:04
1,2-Dichloroethane	ND	45.8		ug/L	50.0	92%	55 - 148	4	19	7052758	NQE0929-09	05/16/07 10:04
cis-1,2-Dichloroethene	ND	50.9		ug/L	50.0	102%	69 - 135	4	16	7052758	NQE0929-09	05/16/07 10:04
1,1-Dichloroethene	ND	53.2		ug/L	50.0	106%	66 - 140	3	34	7052758	NQE0929-09	05/16/07 10:04
trans-1,2-Dichloroethene	ND	52.1		ug/L	50.0	104%	68 - 142	5	21	7052758	NQE0929-09	05/16/07 10:04
1,3-Dichloropropane	ND	52.6		ug/L	50.0	105%	78 - 128	4	16	7052758	NQE0929-09	05/16/07 10:04
1,2-Dichloropropane	ND	51.8		ug/L	50.0	104%	73 - 128	4	15	7052758	NQE0929-09	05/16/07 10:04
2,2-Dichloropropane	ND	51.3		ug/L	50.0	103%	25 - 156	4	16	7052758	NQE0929-09	05/16/07 10:04
cis-1,3-Dichloropropene	ND	54.0		ug/L	50.0	108%	62 - 135	4	19	7052758	NQE0929-09	05/16/07 10:04
trans-1,3-Dichloropropene	ND	54.8		ug/L	50.0	110%	54 - 124	5	19	7052758	NQE0929-09	05/16/07 10:04
1,1-Dichloropropene	ND	52.4		ug/L	50.0	105%	72 - 138	3	17	7052758	NQE0929-09	05/16/07 10:04
Ethylbenzene	ND	55.3		ug/L	50.0	111%	70 - 143	3	15	7052758	NQE0929-09	05/16/07 10:04
Hexachlorobutadiene	ND	52.7		ug/L	50.0	105%	41 - 156	13	35	7052758	NQE0929-09	05/16/07 10:04
2-Hexanone	ND	275		ug/L	250	110%	67 - 142	0.7	18	7052758	NQE0929-09	05/16/07 10:04

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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												
7052758-MSD1												
Isopropylbenzene	ND	56.6		ug/L	50.0	113%	63 - 143	4	17	7052758	NQE0929-09	05/16/07 10:04
p-Isopropyltoluene	ND	55.5		ug/L	50.0	111%	52 - 156	6	21	7052758	NQE0929-09	05/16/07 10:04
Methyl tert-Butyl Ether	ND	48.7		ug/L	50.0	97%	62 - 135	3	16	7052758	NQE0929-09	05/16/07 10:04
Methylene Chloride	ND	48.5		ug/L	50.0	97%	71 - 130	5	19	7052758	NQE0929-09	05/16/07 10:04
4-Methyl-2-pentanone	ND	286		ug/L	250	114%	74 - 139	1	18	7052758	NQE0929-09	05/16/07 10:04
Naphthalene	ND	55.7		ug/L	50.0	111%	40 - 161	5	34	7052758	NQE0929-09	05/16/07 10:04
n-Propylbenzene	ND	57.8		ug/L	50.0	116%	67 - 146	3	18	7052758	NQE0929-09	05/16/07 10:04
Styrene	ND	55.6		ug/L	50.0	111%	39 - 162	4	22	7052758	NQE0929-09	05/16/07 10:04
1,1,1,2-Tetrachloroethane	ND	49.8		ug/L	50.0	100%	72 - 139	5	16	7052758	NQE0929-09	05/16/07 10:04
1,1,2,2-Tetrachloroethane	ND	55.6		ug/L	50.0	111%	71 - 139	3	16	7052758	NQE0929-09	05/16/07 10:04
Tetrachloroethene	ND	53.2		ug/L	50.0	106%	64 - 143	3	20	7052758	NQE0929-09	05/16/07 10:04
Toluene	ND	51.8		ug/L	50.0	104%	70 - 137	4	15	7052758	NQE0929-09	05/16/07 10:04
1,2,3-Trichlorobenzene	ND	51.6		ug/L	50.0	103%	45 - 150	10	33	7052758	NQE0929-09	05/16/07 10:04
1,2,4-Trichlorobenzene	ND	52.0		ug/L	50.0	104%	51 - 144	7	26	7052758	NQE0929-09	05/16/07 10:04
1,1,2-Trichloroethane	ND	52.4		ug/L	50.0	105%	76 - 132	3	16	7052758	NQE0929-09	05/16/07 10:04
1,1,1-Trichloroethane	ND	52.1		ug/L	50.0	104%	65 - 143	3	17	7052758	NQE0929-09	05/16/07 10:04
Trichloroethene	3.14	51.9		ug/L	50.0	98%	70 - 137	4	17	7052758	NQE0929-09	05/16/07 10:04
Trichlorofluoromethane	ND	51.2		ug/L	50.0	102%	49 - 159	1	42	7052758	NQE0929-09	05/16/07 10:04
1,2,3-Trichloropropane	ND	52.8		ug/L	50.0	106%	63 - 135	3	18	7052758	NQE0929-09	05/16/07 10:04
1,3,5-Trimethylbenzene	ND	53.9		ug/L	50.0	108%	36 - 162	3	20	7052758	NQE0929-09	05/16/07 10:04
1,2,4-Trimethylbenzene	ND	52.8		ug/L	50.0	106%	49 - 152	3	18	7052758	NQE0929-09	05/16/07 10:04
Vinyl chloride	ND	55.8		ug/L	50.0	112%	49 - 148	2	50	7052758	NQE0929-09	05/16/07 10:04
Xylenes, total	ND	159		ug/L	150	106%	62 - 147	3	16	7052758	NQE0929-09	05/16/07 10:04
Diisopropyl Ether	ND	52.1		ug/L	50.0	104%	74 - 128	3	17	7052758	NQE0929-09	05/16/07 10:04
Surrogate: 1,2-Dichloroethane-d4		22.1		ug/L	25.0	88%	62 - 142			7052758	NQE0929-09	05/16/07 10:04
Surrogate: Dibromofluoromethane		22.6		ug/L	25.0	90%	78 - 123			7052758	NQE0929-09	05/16/07 10:04
Surrogate: Toluene-d8		25.0		ug/L	25.0	100%	79 - 120			7052758	NQE0929-09	05/16/07 10:04
Surrogate: 4-Bromofluorobenzene		25.0		ug/L	25.0	100%	75 - 133			7052758	NQE0929-09	05/16/07 10:04

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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 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:	NQE0929
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	3031052006.06
Attn	Joe Deatherage	Received:	05/05/07 08:00

DATA QUALIFIERS AND DEFINITIONS

L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

Nashville, TN **COOLER RECEIPT FORM**

NQE0929

Cooler Received/Opened On May 5, 2007@ 0800

1. Tracking # 5260 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 0.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..(NA)

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

If yes, how many and where: 1 (front)

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

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

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

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

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? (YES)...NO...NA

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

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) WS

15a. On pres'd bottles, did pH test strips suggest 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_____

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) WS

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) WS

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

21. 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

Client Name: _____ Client #: _____
Address: [redacted] 125 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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	5-3-07	0805	G		GW								3		Trip Blank - 01
QAFB02		0815											3		-02
QARB02		0820											3		-03
TW-09		0935											3		-04
TW-07		1020											3		-05
TW-04		1130											3		-06
W-5		1325											3		-07
W-5 (DUP)		1330											3		-08
OB-07		1415											3		-09 - 09 WS
OB-07 (MS)		1420											3		Matrix Spike - 10

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

NQE0929
05/21/07 23:59

Special Instructions:

Relinquished By: Joe Deatherage	5-4-07 Date:	1503 Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	5/5/07 Date:	8:00 Time:

LABORATORY COMMENTS:
Init Lab Temp: 0.6°C
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: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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
OB-07 (MSD)	5-3-07	1425	G		GW								3	Matrix Spike Dupe
OB-06	↓	1525			↓								3	
OB-09	↓	1615			↓								3	
OB-05	5-4-07	0920			↓								3	
OB-08	↓	1010			↓								3	
OB-04	↓	1055			↓								3	

NQE 0929

-09 -10
-10 -11
-11 -12
-12 -13
-13 -14
-14 5/5/07

Special Instructions:

Relinquished By: Joe Deatherage	5-4-07 Date:	17:00 Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	5/5/07 Date:	8:00 Time:

LABORATORY COMMENTS:
Init Lab Temp: 0.6°C
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

December 31, 2007 12:08:58PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn: Joe Deatherage

Work Order: NQL1614
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: 200706738
Date Received: 12/14/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
TW-17	NQL1614-01	12/12/07 10:30
BR-10	NQL1614-02	12/12/07 11:40
OB-09	NQL1614-03	12/12/07 13:45
BR-15	NQL1614-04	12/12/07 14:55
BR-04	NQL1614-05	12/12/07 15:35
OB-05	NQL1614-06	12/12/07 16:25
QATB02	NQL1614-07	12/13/07 07:45
QAFB02	NQL1614-08	12/13/07 08:00
QARB02	NQL1614-09	12/13/07 08:30
BR-05	NQL1614-10	12/13/07 09:20
TW-09	NQL1614-11	12/13/07 10:20
OB-08	NQL1614-12	12/13/07 12:00
W-5	NQL1614-13	12/13/07 13:35
W-5 (DUP)	NQL1614-14	12/13/07 13:40
OB-04	NQL1614-15	12/13/07 14:25

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 accreditation.
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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.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:

Johnny A. Mitchell

Lab Director

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-01 (TW-17 - Water) Sampled: 12/12/07 10:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 12:59	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 12:59	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
cis-1,2-Dichloroethene	**3.98**		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 12:59	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-01 (TW-17 - Water) - cont. Sampled: 12/12/07 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 12:59	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 12:59	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 12:59	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Trichloroethene	**296**	CF6, E	ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 12:59	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 12:59	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*12/26/07 12:59*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*88 %*					*12/26/07 12:59*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*89 %*					*12/26/07 12:59*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/26/07 12:59*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-02 (BR-10 - Water) Sampled: 12/12/07 11:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 13:24	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 13:24	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-02 (BR-10 - Water) - cont. Sampled: 12/12/07 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
cis-1,2-Dichloroethene	**3.83**		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 13:24	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 13:24	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 13:24	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 13:24	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Trichloroethene	**17.8**		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-02 (BR-10 - Water) - cont. Sampled: 12/12/07 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 13:24	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 13:24	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/26/07 13:24*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 13:24*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 13:24*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/26/07 13:24*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-03 (OB-09 - Water) Sampled: 12/12/07 13:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 13:48	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 13:48	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
cis-1,2-Dichloroethene	**18.0**		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-03 (OB-09 - Water) - cont. Sampled: 12/12/07 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 13:48	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 13:48	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 13:48	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 13:48	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Trichloroethene	**98.4**		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 13:48	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 13:48	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/26/07 13:48*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 13:48*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 13:48*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/26/07 13:48*	*SW846 8260B*	*7123419*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-04 (BR-15 - Water) Sampled: 12/12/07 14:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 14:13	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 14:13	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
cis-1,2-Dichloroethene	**380**	CF6, E	ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1-Dichloroethene	**1.48**		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
trans-1,2-Dichloroethene	**2.81**		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 14:13	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-04 (BR-15 - Water) - cont. Sampled: 12/12/07 14:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 14:13	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 14:13	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 14:13	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Trichloroethene	**212**	CF6, E	ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Vinyl chloride	**15.7**		ug/L	1.00	1	12/26/07 14:13	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 14:13	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/26/07 14:13*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 14:13*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/26/07 14:13*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/26/07 14:13*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-05 (BR-04 - Water) Sampled: 12/12/07 15:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 14:38	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 14:38	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-05 (BR-04 - Water) - cont. Sampled: 12/12/07 15:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
cis-1,2-Dichloroethene	**240**	CF6, E	ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
trans-1,2-Dichloroethene	**4.36**		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 14:38	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 14:38	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 14:38	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 14:38	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Trichloroethene	**8.64**		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-05 (BR-04 - Water) - cont. Sampled: 12/12/07 15:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Vinyl chloride	**3.07**		ug/L	1.00	1	12/26/07 14:38	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 14:38	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/26/07 14:38*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 14:38*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*88 %*					*12/26/07 14:38*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/26/07 14:38*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-06 (OB-05 - Water) Sampled: 12/12/07 16:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 15:02	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 15:02	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
cis-1,2-Dichloroethene	**2.88**		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-06 (OB-05 - Water) - cont. Sampled: 12/12/07 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 15:02	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 15:02	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 15:02	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 15:02	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Trichloroethene	**232**	CF6, E	ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 15:02	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 15:02	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/26/07 15:02*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*88 %*					*12/26/07 15:02*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*89 %*					*12/26/07 15:02*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/26/07 15:02*	*SW846 8260B*	*7123419*

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-07 (QATB02 - Water) Sampled: 12/13/07 07:45								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 12:34	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 12:34	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 12:34	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-07 (QATB02 - Water) - cont. Sampled: 12/13/07 07:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 12:34	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 12:34	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 12:34	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Trichloroethene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 12:34	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 12:34	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*12/26/07 12:34*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 12:34*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/26/07 12:34*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/26/07 12:34*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-08 (QAFB02 - Water) Sampled: 12/13/07 08:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 15:27	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 15:27	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-08 (QAFB02 - Water) - cont. Sampled: 12/13/07 08:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 15:27	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 15:27	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 15:27	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 15:27	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Trichloroethene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-08 (QAFB02 - Water) - cont. Sampled: 12/13/07 08:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 15:27	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 15:27	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/26/07 15:27*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 15:27*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 15:27*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/26/07 15:27*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-09 (QARB02 - Water) Sampled: 12/13/07 08:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 15:52	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 15:52	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-09 (QARB02 - Water) - cont. Sampled: 12/13/07 08:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 15:52	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 15:52	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 15:52	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 15:52	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Trichloroethene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 15:52	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 15:52	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/26/07 15:52*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 15:52*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 15:52*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/26/07 15:52*	*SW846 8260B*	*7123419*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-10 (BR-05 - Water) Sampled: 12/13/07 09:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 16:16	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 16:16	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND	M8	ug/L	5.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 16:16	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-10 (BR-05 - Water) - cont. Sampled: 12/13/07 09:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 16:16	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 16:16	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 16:16	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Trichloroethene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 16:16	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 16:16	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/26/07 16:16*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 16:16*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 16:16*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/26/07 16:16*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-11 (TW-09 - Water) Sampled: 12/13/07 10:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 16:41	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 16:41	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-11 (TW-09 - Water) - cont. Sampled: 12/13/07 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
cis-1,2-Dichloroethene	**1.28**		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 16:41	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 16:41	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 16:41	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 16:41	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Trichloroethene	**29.8**		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-11 (TW-09 - Water) - cont. Sampled: 12/13/07 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Vinyl chloride	ND		ug/L	1.00	1	12/26/07 16:41	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 16:41	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/26/07 16:41*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 16:41*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/26/07 16:41*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/26/07 16:41*	*SW846 8260B*	*7123419*
Sample ID: NQL1614-12 (OB-08 - Water) Sampled: 12/13/07 12:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 17:05	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 17:05	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
cis-1,2-Dichloroethene	**1150**		ug/L	50.0	50	12/26/07 17:30	SW846 8260B	7123419
1,1-Dichloroethene	**4.24**		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
trans-1,2-Dichloroethene	**32.0**		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-12 (OB-08 - Water) - cont. Sampled: 12/13/07 12:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 17:05	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 17:05	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 17:05	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 17:05	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Trichloroethene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Vinyl chloride	**154**		ug/L	1.00	1	12/26/07 17:05	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 17:05	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*12/26/07 17:05*	*SW846 8260B*	*7123419*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*12/26/07 17:30*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 17:05*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 17:30*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/26/07 17:05*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 17:30*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/26/07 17:05*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/26/07 17:30*	*SW846 8260B*	*7123419*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-13 (W-5 - Water) Sampled: 12/13/07 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 17:55	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 17:55	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
cis-1,2-Dichloroethene	**158**		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
trans-1,2-Dichloroethene	**3.83**		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 17:55	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-13 (W-5 - Water) - cont. Sampled: 12/13/07 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 17:55	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 17:55	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 17:55	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Trichloroethene	**835**		ug/L	10.0	10	12/27/07 21:40	SW846 8260B	7124709
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Vinyl chloride	**22.1**		ug/L	1.00	1	12/26/07 17:55	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 17:55	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*92 %*					*12/26/07 17:55*	*SW846 8260B*	*7123419*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*12/27/07 21:40*	*SW846 8260B*	*7124709*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/26/07 17:55*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/27/07 21:40*	*SW846 8260B*	*7124709*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 17:55*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*93 %*					*12/27/07 21:40*	*SW846 8260B*	*7124709*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/26/07 17:55*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/27/07 21:40*	*SW846 8260B*	*7124709*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-14 (W-5 (DUP) - Water) Sampled: 12/13/07 13:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/26/07 18:19	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 18:19	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
cis-1,2-Dichloroethene	**124**		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1-Dichloroethene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
trans-1,2-Dichloroethene	**3.36**		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 18:19	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-14 (W-5 (DUP) - Water) - cont. Sampled: 12/13/07 13:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 18:19	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 18:19	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 18:19	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Trichloroethene	**850**		ug/L	10.0	10	12/27/07 22:05	SW846 8260B	7124709
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Vinyl chloride	**16.1**		ug/L	1.00	1	12/26/07 18:19	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 18:19	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*93 %*					*12/26/07 18:19*	*SW846 8260B*	*7123419*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*12/27/07 22:05*	*SW846 8260B*	*7124709*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/26/07 18:19*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/27/07 22:05*	*SW846 8260B*	*7124709*
Surr: Toluene-d8 (78-121%)	*89 %*					*12/26/07 18:19*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*96 %*					*12/27/07 22:05*	*SW846 8260B*	*7124709*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/26/07 18:19*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/27/07 22:05*	*SW846 8260B*	*7124709*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-15 (OB-04 - Water) Sampled: 12/13/07 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**58.5**		ug/L	50.0	1	12/26/07 18:44	SW846 8260B	7123419
Benzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Bromobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Bromochloromethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Bromodichloromethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Bromoform	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Bromomethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
2-Butanone	ND		ug/L	50.0	1	12/26/07 18:44	SW846 8260B	7123419
sec-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
n-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
tert-Butylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Carbon disulfide	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Carbon Tetrachloride	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Chlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Chlorodibromomethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Chloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Chloroform	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Chloromethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
2-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
4-Chlorotoluene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Dibromomethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1-Dichloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2-Dichloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
cis-1,2-Dichloroethene	**1350**		ug/L	20.0	20	12/26/07 19:09	SW846 8260B	7123419
1,1-Dichloroethene	**2.19**		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
trans-1,2-Dichloroethene	**5.43**		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,3-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
2,2-Dichloropropane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1-Dichloropropene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Ethylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Hexachlorobutadiene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
2-Hexanone	ND		ug/L	50.0	1	12/26/07 18:44	SW846 8260B	7123419
Isopropylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
p-Isopropyltoluene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1614-15 (OB-04 - Water) - cont. Sampled: 12/13/07 14:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Methylene Chloride	ND		ug/L	5.00	1	12/26/07 18:44	SW846 8260B	7123419
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/26/07 18:44	SW846 8260B	7123419
Naphthalene	ND		ug/L	5.00	1	12/26/07 18:44	SW846 8260B	7123419
n-Propylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Styrene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Tetrachloroethene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Toluene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Trichloroethene	**109**		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Trichlorofluoromethane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Vinyl chloride	**95.1**		ug/L	1.00	1	12/26/07 18:44	SW846 8260B	7123419
Xylenes, total	ND		ug/L	3.00	1	12/26/07 18:44	SW846 8260B	7123419
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/26/07 18:44*	*SW846 8260B*	*7123419*
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/26/07 19:09*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/26/07 18:44*	*SW846 8260B*	*7123419*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/26/07 19:09*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/26/07 18:44*	*SW846 8260B*	*7123419*
Surr: Toluene-d8 (78-121%)	*89 %*					*12/26/07 19:09*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/26/07 18:44*	*SW846 8260B*	*7123419*
Surr: 4-Bromofluorobenzene (79-124%)	*91 %*					*12/26/07 19:09*	*SW846 8260B*	*7123419*

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7123419-BLK1						
Acetone	<25.0		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Benzene	<0.270		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Bromobenzene	<0.360		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Bromochloromethane	<0.400		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Bromodichloromethane	<0.350		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Bromoform	<0.430		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Bromomethane	<0.420		ug/L	7123419	7123419-BLK1	12/26/07 12:10
2-Butanone	<2.40		ug/L	7123419	7123419-BLK1	12/26/07 12:10
sec-Butylbenzene	<0.140		ug/L	7123419	7123419-BLK1	12/26/07 12:10
n-Butylbenzene	<0.280		ug/L	7123419	7123419-BLK1	12/26/07 12:10
tert-Butylbenzene	<0.330		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Carbon disulfide	<0.380		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Carbon Tetrachloride	<0.350		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Chlorobenzene	<0.180		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Chlorodibromomethane	<0.280		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Chloroethane	<0.450		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Chloroform	<0.280		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Chloromethane	<0.380		ug/L	7123419	7123419-BLK1	12/26/07 12:10
2-Chlorotoluene	<0.300		ug/L	7123419	7123419-BLK1	12/26/07 12:10
4-Chlorotoluene	<0.330		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2-Dibromo-3-chloropropane	<0.860		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2-Dibromoethane (EDB)	<0.390		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Dibromomethane	<0.350		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,4-Dichlorobenzene	<0.380		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,3-Dichlorobenzene	<0.350		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2-Dichlorobenzene	<0.500		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Dichlorodifluoromethane	<0.460		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1-Dichloroethane	<0.540		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2-Dichloroethane	<0.370		ug/L	7123419	7123419-BLK1	12/26/07 12:10
cis-1,2-Dichloroethene	<0.390		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1-Dichloroethene	<0.340		ug/L	7123419	7123419-BLK1	12/26/07 12:10
trans-1,2-Dichloroethene	<0.470		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,3-Dichloropropane	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2-Dichloropropane	<0.320		ug/L	7123419	7123419-BLK1	12/26/07 12:10
2,2-Dichloropropane	<0.420		ug/L	7123419	7123419-BLK1	12/26/07 12:10
cis-1,3-Dichloropropene	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
trans-1,3-Dichloropropene	<0.330		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1-Dichloropropene	<0.310		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Ethylbenzene	<0.240		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Hexachlorobutadiene	<0.910		ug/L	7123419	7123419-BLK1	12/26/07 12:10
2-Hexanone	<16.7		ug/L	7123419	7123419-BLK1	12/26/07 12:10

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7123419-BLK1						
Isopropylbenzene	<0.300		ug/L	7123419	7123419-BLK1	12/26/07 12:10
p-Isopropyltoluene	<0.220		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Methyl tert-Butyl Ether	<0.420		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Methylene Chloride	<0.830		ug/L	7123419	7123419-BLK1	12/26/07 12:10
4-Methyl-2-pentanone	<3.49		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Naphthalene	<0.540		ug/L	7123419	7123419-BLK1	12/26/07 12:10
n-Propylbenzene	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Styrene	<0.330		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1,1,2-Tetrachloroethane	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1,2,2-Tetrachloroethane	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Tetrachloroethene	<0.230		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Toluene	<0.280		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2,3-Trichlorobenzene	<0.940		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2,4-Trichlorobenzene	<0.500		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1,2-Trichloroethane	<0.400		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,1,1-Trichloroethane	<0.370		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Trichloroethene	<0.230		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Trichlorofluoromethane	<0.350		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2,3-Trichloropropane	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,3,5-Trimethylbenzene	<0.160		ug/L	7123419	7123419-BLK1	12/26/07 12:10
1,2,4-Trimethylbenzene	<0.170		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Vinyl chloride	<0.290		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Xylenes, total	<0.860		ug/L	7123419	7123419-BLK1	12/26/07 12:10
Surrogate: 1,2-Dichloroethane-d4	94%			7123419	7123419-BLK1	12/26/07 12:10
Surrogate: Dibromofluoromethane	90%			7123419	7123419-BLK1	12/26/07 12:10
Surrogate: Toluene-d8	89%			7123419	7123419-BLK1	12/26/07 12:10
Surrogate: 4-Bromofluorobenzene	95%			7123419	7123419-BLK1	12/26/07 12:10
7124709-BLK1						
Acetone	<25.0		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Benzene	<0.270		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Bromobenzene	<0.360		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Bromochloromethane	<0.400		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Bromodichloromethane	<0.350		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Bromoform	<0.430		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Bromomethane	<0.420		ug/L	7124709	7124709-BLK1	12/27/07 16:20
2-Butanone	<2.40		ug/L	7124709	7124709-BLK1	12/27/07 16:20
sec-Butylbenzene	<0.140		ug/L	7124709	7124709-BLK1	12/27/07 16:20
n-Butylbenzene	<0.280		ug/L	7124709	7124709-BLK1	12/27/07 16:20
tert-Butylbenzene	<0.330		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Carbon disulfide	<0.380		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Carbon Tetrachloride	<0.350		ug/L	7124709	7124709-BLK1	12/27/07 16:20

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7124709-BLK1						
Chlorobenzene	<0.180		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Chlorodibromomethane	<0.280		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Chloroethane	<0.450		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Chloroform	<0.280		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Chloromethane	<0.380		ug/L	7124709	7124709-BLK1	12/27/07 16:20
2-Chlorotoluene	<0.300		ug/L	7124709	7124709-BLK1	12/27/07 16:20
4-Chlorotoluene	<0.330		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2-Dibromo-3-chloropropane	<0.860		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2-Dibromoethane (EDB)	<0.390		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Dibromomethane	<0.350		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,4-Dichlorobenzene	<0.380		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,3-Dichlorobenzene	<0.350		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2-Dichlorobenzene	<0.500		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Dichlorodifluoromethane	<0.460		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1-Dichloroethane	<0.540		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2-Dichloroethane	<0.370		ug/L	7124709	7124709-BLK1	12/27/07 16:20
cis-1,2-Dichloroethene	<0.390		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1-Dichloroethene	<0.340		ug/L	7124709	7124709-BLK1	12/27/07 16:20
trans-1,2-Dichloroethene	<0.470		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,3-Dichloropropane	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2-Dichloropropane	<0.320		ug/L	7124709	7124709-BLK1	12/27/07 16:20
2,2-Dichloropropane	<0.420		ug/L	7124709	7124709-BLK1	12/27/07 16:20
cis-1,3-Dichloropropene	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
trans-1,3-Dichloropropene	<0.330		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1-Dichloropropene	<0.310		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Ethylbenzene	<0.240		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Hexachlorobutadiene	<0.910		ug/L	7124709	7124709-BLK1	12/27/07 16:20
2-Hexanone	<16.7		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Isopropylbenzene	<0.300		ug/L	7124709	7124709-BLK1	12/27/07 16:20
p-Isopropyltoluene	<0.220		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Methyl tert-Butyl Ether	<0.420		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Methylene Chloride	0.950		ug/L	7124709	7124709-BLK1	12/27/07 16:20
4-Methyl-2-pentanone	<3.49		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Naphthalene	<0.540		ug/L	7124709	7124709-BLK1	12/27/07 16:20
n-Propylbenzene	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Styrene	<0.330		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1,1,2-Tetrachloroethane	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1,2,2-Tetrachloroethane	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Tetrachloroethene	<0.230		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Toluene	<0.280		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2,3-Trichlorobenzene	<0.940		ug/L	7124709	7124709-BLK1	12/27/07 16:20

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7124709-BLK1						
1,2,4-Trichlorobenzene	<0.500		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1,2-Trichloroethane	<0.400		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,1,1-Trichloroethane	<0.370		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Trichloroethene	<0.230		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Trichlorofluoromethane	<0.350		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2,3-Trichloropropane	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,3,5-Trimethylbenzene	<0.160		ug/L	7124709	7124709-BLK1	12/27/07 16:20
1,2,4-Trimethylbenzene	<0.170		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Vinyl chloride	<0.290		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Xylenes, total	<0.860		ug/L	7124709	7124709-BLK1	12/27/07 16:20
Surrogate: 1,2-Dichloroethane-d4	97%			7124709	7124709-BLK1	12/27/07 16:20
Surrogate: Dibromofluoromethane	89%			7124709	7124709-BLK1	12/27/07 16:20
Surrogate: Toluene-d8	94%			7124709	7124709-BLK1	12/27/07 16:20
Surrogate: 4-Bromofluorobenzene	91%			7124709	7124709-BLK1	12/27/07 16:20

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

PROJECT QUALITY CONTROL DATA
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Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7123419-BS1								
Acetone	250	319		ug/L	128%	62 - 150	7123419	12/26/07 10:31
Benzene	50.0	55.2		ug/L	110%	80 - 137	7123419	12/26/07 10:31
Bromobenzene	50.0	55.0		ug/L	110%	74 - 131	7123419	12/26/07 10:31
Bromochloromethane	50.0	53.7		ug/L	107%	80 - 128	7123419	12/26/07 10:31
Bromodichloromethane	50.0	56.8		ug/L	114%	80 - 129	7123419	12/26/07 10:31
Bromoform	50.0	44.2		ug/L	88%	69 - 127	7123419	12/26/07 10:31
Bromomethane	50.0	50.7		ug/L	101%	62 - 148	7123419	12/26/07 10:31
2-Butanone	250	292		ug/L	117%	77 - 141	7123419	12/26/07 10:31
sec-Butylbenzene	50.0	61.1		ug/L	122%	78 - 133	7123419	12/26/07 10:31
n-Butylbenzene	50.0	63.5		ug/L	127%	72 - 136	7123419	12/26/07 10:31
tert-Butylbenzene	50.0	59.4		ug/L	119%	77 - 135	7123419	12/26/07 10:31
Carbon disulfide	50.0	52.1		ug/L	104%	80 - 126	7123419	12/26/07 10:31
Carbon Tetrachloride	50.0	51.4		ug/L	103%	76 - 143	7123419	12/26/07 10:31
Chlorobenzene	50.0	52.6		ug/L	105%	80 - 120	7123419	12/26/07 10:31
Chlorodibromomethane	50.0	48.5		ug/L	97%	76 - 123	7123419	12/26/07 10:31
Chloroethane	50.0	49.1		ug/L	98%	77 - 127	7123419	12/26/07 10:31
Chloroform	50.0	56.9		ug/L	114%	80 - 133	7123419	12/26/07 10:31
Chloromethane	50.0	34.5		ug/L	69%	33 - 125	7123419	12/26/07 10:31
2-Chlorotoluene	50.0	56.7		ug/L	113%	80 - 127	7123419	12/26/07 10:31
4-Chlorotoluene	50.0	56.1		ug/L	112%	80 - 127	7123419	12/26/07 10:31
1,2-Dibromo-3-chloropropane	50.0	37.2		ug/L	74%	60 - 136	7123419	12/26/07 10:31
1,2-Dibromoethane (EDB)	50.0	53.3		ug/L	107%	80 - 125	7123419	12/26/07 10:31
Dibromomethane	50.0	56.2		ug/L	112%	80 - 124	7123419	12/26/07 10:31
1,4-Dichlorobenzene	50.0	54.8		ug/L	110%	80 - 120	7123419	12/26/07 10:31
1,3-Dichlorobenzene	50.0	56.7		ug/L	113%	80 - 123	7123419	12/26/07 10:31
1,2-Dichlorobenzene	50.0	56.4		ug/L	113%	80 - 122	7123419	12/26/07 10:31
Dichlorodifluoromethane	50.0	23.9		ug/L	48%	36 - 120	7123419	12/26/07 10:31
1,1-Dichloroethane	50.0	55.2		ug/L	110%	76 - 130	7123419	12/26/07 10:31
1,2-Dichloroethane	50.0	59.5		ug/L	119%	69 - 136	7123419	12/26/07 10:31
cis-1,2-Dichloroethene	50.0	56.4		ug/L	113%	80 - 129	7123419	12/26/07 10:31
1,1-Dichloroethene	50.0	53.5		ug/L	107%	80 - 127	7123419	12/26/07 10:31
trans-1,2-Dichloroethene	50.0	56.0		ug/L	112%	80 - 131	7123419	12/26/07 10:31
1,3-Dichloropropane	50.0	53.4		ug/L	107%	80 - 122	7123419	12/26/07 10:31
1,2-Dichloropropane	50.0	51.5		ug/L	103%	80 - 120	7123419	12/26/07 10:31
2,2-Dichloropropane	50.0	49.3		ug/L	99%	62 - 142	7123419	12/26/07 10:31
cis-1,3-Dichloropropene	50.0	53.5		ug/L	107%	76 - 135	7123419	12/26/07 10:31
trans-1,3-Dichloropropene	50.0	51.0		ug/L	102%	70 - 137	7123419	12/26/07 10:31
1,1-Dichloropropene	50.0	55.6		ug/L	111%	80 - 127	7123419	12/26/07 10:31
Ethylbenzene	50.0	55.8		ug/L	112%	80 - 128	7123419	12/26/07 10:31
Hexachlorobutadiene	50.0	51.4		ug/L	103%	68 - 148	7123419	12/26/07 10:31
2-Hexanone	250	280		ug/L	112%	69 - 148	7123419	12/26/07 10:31

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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								
7123419-BS1								
Isopropylbenzene	50.0	53.8		ug/L	108%	80 - 121	7123419	12/26/07 10:31
p-Isopropyltoluene	50.0	61.2		ug/L	122%	79 - 127	7123419	12/26/07 10:31
Methyl tert-Butyl Ether	50.0	51.3		ug/L	103%	70 - 129	7123419	12/26/07 10:31
Methylene Chloride	50.0	49.1		ug/L	98%	76 - 135	7123419	12/26/07 10:31
4-Methyl-2-pentanone	250	289		ug/L	115%	67 - 143	7123419	12/26/07 10:31
Naphthalene	50.0	49.9		ug/L	100%	62 - 141	7123419	12/26/07 10:31
n-Propylbenzene	50.0	59.2		ug/L	118%	80 - 132	7123419	12/26/07 10:31
Styrene	50.0	60.5		ug/L	121%	80 - 139	7123419	12/26/07 10:31
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L	102%	80 - 135	7123419	12/26/07 10:31
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/L	109%	65 - 145	7123419	12/26/07 10:31
Tetrachloroethene	50.0	47.4		ug/L	95%	80 - 125	7123419	12/26/07 10:31
Toluene	50.0	53.7		ug/L	107%	80 - 125	7123419	12/26/07 10:31
1,2,3-Trichlorobenzene	50.0	49.0		ug/L	98%	57 - 144	7123419	12/26/07 10:31
1,2,4-Trichlorobenzene	50.0	52.6		ug/L	105%	60 - 140	7123419	12/26/07 10:31
1,1,2-Trichloroethane	50.0	54.5		ug/L	109%	80 - 122	7123419	12/26/07 10:31
1,1,1-Trichloroethane	50.0	53.5		ug/L	107%	80 - 131	7123419	12/26/07 10:31
Trichloroethene	50.0	54.0		ug/L	108%	80 - 131	7123419	12/26/07 10:31
Trichlorofluoromethane	50.0	44.0		ug/L	88%	68 - 125	7123419	12/26/07 10:31
1,2,3-Trichloropropane	50.0	46.9		ug/L	94%	60 - 127	7123419	12/26/07 10:31
1,3,5-Trimethylbenzene	50.0	59.8		ug/L	120%	80 - 129	7123419	12/26/07 10:31
1,2,4-Trimethylbenzene	50.0	59.8		ug/L	120%	80 - 128	7123419	12/26/07 10:31
Vinyl chloride	50.0	40.9		ug/L	82%	69 - 120	7123419	12/26/07 10:31
Xylenes, total	150	172		ug/L	115%	80 - 129	7123419	12/26/07 10:31
Surrogate: 1,2-Dichloroethane-d4	30.0	28.1			94%	60 - 140	7123419	12/26/07 10:31
Surrogate: Dibromofluoromethane	30.0	27.0			90%	75 - 124	7123419	12/26/07 10:31
Surrogate: Toluene-d8	30.0	27.0			90%	78 - 121	7123419	12/26/07 10:31
Surrogate: 4-Bromofluorobenzene	30.0	27.6			92%	79 - 124	7123419	12/26/07 10:31
7124709-BS1								
Acetone	250	282		ug/L	113%	62 - 150	7124709	12/27/07 14:41
Benzene	50.0	52.1		ug/L	104%	80 - 137	7124709	12/27/07 14:41
Bromobenzene	50.0	56.1		ug/L	112%	74 - 131	7124709	12/27/07 14:41
Bromochloromethane	50.0	51.5		ug/L	103%	80 - 128	7124709	12/27/07 14:41
Bromodichloromethane	50.0	52.9		ug/L	106%	80 - 129	7124709	12/27/07 14:41
Bromoform	50.0	43.5		ug/L	87%	69 - 127	7124709	12/27/07 14:41
Bromomethane	50.0	37.4		ug/L	75%	62 - 148	7124709	12/27/07 14:41
2-Butanone	250	261		ug/L	104%	77 - 141	7124709	12/27/07 14:41
sec-Butylbenzene	50.0	64.4		ug/L	129%	78 - 133	7124709	12/27/07 14:41
n-Butylbenzene	50.0	66.3		ug/L	133%	72 - 136	7124709	12/27/07 14:41
tert-Butylbenzene	50.0	62.2		ug/L	124%	77 - 135	7124709	12/27/07 14:41
Carbon disulfide	50.0	50.4		ug/L	101%	80 - 126	7124709	12/27/07 14:41
Carbon Tetrachloride	50.0	49.2		ug/L	98%	76 - 143	7124709	12/27/07 14:41

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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								
7124709-BS1								
Chlorobenzene	50.0	53.5		ug/L	107%	80 - 120	7124709	12/27/07 14:41
Chlorodibromomethane	50.0	49.1		ug/L	98%	76 - 123	7124709	12/27/07 14:41
Chloroethane	50.0	43.5		ug/L	87%	77 - 127	7124709	12/27/07 14:41
Chloroform	50.0	54.3		ug/L	109%	80 - 133	7124709	12/27/07 14:41
Chloromethane	50.0	35.4		ug/L	71%	33 - 125	7124709	12/27/07 14:41
2-Chlorotoluene	50.0	58.8		ug/L	118%	80 - 127	7124709	12/27/07 14:41
4-Chlorotoluene	50.0	58.1		ug/L	116%	80 - 127	7124709	12/27/07 14:41
1,2-Dibromo-3-chloropropane	50.0	33.1		ug/L	66%	60 - 136	7124709	12/27/07 14:41
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L	106%	80 - 125	7124709	12/27/07 14:41
Dibromomethane	50.0	52.4		ug/L	105%	80 - 124	7124709	12/27/07 14:41
1,4-Dichlorobenzene	50.0	57.1		ug/L	114%	80 - 120	7124709	12/27/07 14:41
1,3-Dichlorobenzene	50.0	58.5		ug/L	117%	80 - 123	7124709	12/27/07 14:41
1,2-Dichlorobenzene	50.0	57.5		ug/L	115%	80 - 122	7124709	12/27/07 14:41
Dichlorodifluoromethane	50.0	26.4		ug/L	53%	36 - 120	7124709	12/27/07 14:41
1,1-Dichloroethane	50.0	52.6		ug/L	105%	76 - 130	7124709	12/27/07 14:41
1,2-Dichloroethane	50.0	55.7		ug/L	111%	69 - 136	7124709	12/27/07 14:41
cis-1,2-Dichloroethene	50.0	53.3		ug/L	107%	80 - 129	7124709	12/27/07 14:41
1,1-Dichloroethene	50.0	52.7		ug/L	105%	80 - 127	7124709	12/27/07 14:41
trans-1,2-Dichloroethene	50.0	54.4		ug/L	109%	80 - 131	7124709	12/27/07 14:41
1,3-Dichloropropane	50.0	54.0		ug/L	108%	80 - 122	7124709	12/27/07 14:41
1,2-Dichloropropane	50.0	48.3		ug/L	97%	80 - 120	7124709	12/27/07 14:41
2,2-Dichloropropane	50.0	44.4		ug/L	89%	62 - 142	7124709	12/27/07 14:41
cis-1,3-Dichloropropene	50.0	54.2		ug/L	108%	76 - 135	7124709	12/27/07 14:41
trans-1,3-Dichloropropene	50.0	51.3		ug/L	103%	70 - 137	7124709	12/27/07 14:41
1,1-Dichloropropene	50.0	54.3		ug/L	109%	80 - 127	7124709	12/27/07 14:41
Ethylbenzene	50.0	56.8		ug/L	114%	80 - 128	7124709	12/27/07 14:41
Hexachlorobutadiene	50.0	50.4		ug/L	101%	68 - 148	7124709	12/27/07 14:41
2-Hexanone	250	271		ug/L	108%	69 - 148	7124709	12/27/07 14:41
Isopropylbenzene	50.0	55.4		ug/L	111%	80 - 121	7124709	12/27/07 14:41
p-Isopropyltoluene	50.0	64.0		ug/L	128%	79 - 127	7124709	12/27/07 14:41
Methyl tert-Butyl Ether	50.0	47.6		ug/L	95%	70 - 129	7124709	12/27/07 14:41
Methylene Chloride	50.0	47.8		ug/L	96%	76 - 135	7124709	12/27/07 14:41
4-Methyl-2-pentanone	250	285		ug/L	114%	67 - 143	7124709	12/27/07 14:41
Naphthalene	50.0	44.5		ug/L	89%	62 - 141	7124709	12/27/07 14:41
n-Propylbenzene	50.0	62.1		ug/L	124%	80 - 132	7124709	12/27/07 14:41
Styrene	50.0	60.9		ug/L	122%	80 - 139	7124709	12/27/07 14:41
1,1,1,2-Tetrachloroethane	50.0	52.8		ug/L	106%	80 - 135	7124709	12/27/07 14:41
1,1,2,2-Tetrachloroethane	50.0	55.0		ug/L	110%	65 - 145	7124709	12/27/07 14:41
Tetrachloroethene	50.0	50.4		ug/L	101%	80 - 125	7124709	12/27/07 14:41
Toluene	50.0	54.8		ug/L	110%	80 - 125	7124709	12/27/07 14:41
1,2,3-Trichlorobenzene	50.0	45.7		ug/L	91%	57 - 144	7124709	12/27/07 14:41

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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								
7124709-BS1								
1,2,4-Trichlorobenzene	50.0	48.9		ug/L	98%	60 - 140	7124709	12/27/07 14:41
1,1,2-Trichloroethane	50.0	55.8		ug/L	112%	80 - 122	7124709	12/27/07 14:41
1,1,1-Trichloroethane	50.0	51.7		ug/L	103%	80 - 131	7124709	12/27/07 14:41
Trichloroethene	50.0	53.0		ug/L	106%	80 - 131	7124709	12/27/07 14:41
Trichlorofluoromethane	50.0	44.4		ug/L	89%	68 - 125	7124709	12/27/07 14:41
1,2,3-Trichloropropane	50.0	47.4		ug/L	95%	60 - 127	7124709	12/27/07 14:41
1,3,5-Trimethylbenzene	50.0	62.1		ug/L	124%	80 - 129	7124709	12/27/07 14:41
1,2,4-Trimethylbenzene	50.0	62.1		ug/L	124%	80 - 128	7124709	12/27/07 14:41
Vinyl chloride	50.0	42.5		ug/L	85%	69 - 120	7124709	12/27/07 14:41
Xylenes, total	150	175		ug/L	117%	80 - 129	7124709	12/27/07 14:41
Surrogate: 1,2-Dichloroethane-d4	30.0	28.8			96%	60 - 140	7124709	12/27/07 14:41
Surrogate: Dibromofluoromethane	30.0	27.5			92%	75 - 124	7124709	12/27/07 14:41
Surrogate: Toluene-d8	30.0	28.4			95%	78 - 121	7124709	12/27/07 14:41
Surrogate: 4-Bromofluorobenzene	30.0	27.0			90%	79 - 124	7124709	12/27/07 14:41

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123419-BSD1												
Acetone		323		ug/L	250	129%	62 - 150	1	29	7123419		12/26/07 10:56
Benzene		57.5		ug/L	50.0	115%	80 - 137	4	23	7123419		12/26/07 10:56
Bromobenzene		57.0		ug/L	50.0	114%	74 - 131	4	18	7123419		12/26/07 10:56
Bromochloromethane		55.9		ug/L	50.0	112%	80 - 128	4	18	7123419		12/26/07 10:56
Bromodichloromethane		60.0		ug/L	50.0	120%	80 - 129	6	18	7123419		12/26/07 10:56
Bromoform		45.5		ug/L	50.0	91%	69 - 127	3	24	7123419		12/26/07 10:56
Bromomethane		53.1		ug/L	50.0	106%	62 - 148	5	45	7123419		12/26/07 10:56
2-Butanone		298		ug/L	250	119%	77 - 141	2	36	7123419		12/26/07 10:56
sec-Butylbenzene		64.0		ug/L	50.0	128%	78 - 133	5	17	7123419		12/26/07 10:56
n-Butylbenzene		67.4		ug/L	50.0	135%	72 - 136	6	18	7123419		12/26/07 10:56
tert-Butylbenzene		61.5		ug/L	50.0	123%	77 - 135	3	17	7123419		12/26/07 10:56
Carbon disulfide		55.2		ug/L	50.0	110%	80 - 126	6	16	7123419		12/26/07 10:56
Carbon Tetrachloride		55.6		ug/L	50.0	111%	76 - 143	8	29	7123419		12/26/07 10:56
Chlorobenzene		53.5		ug/L	50.0	107%	80 - 120	2	27	7123419		12/26/07 10:56
Chlorodibromomethane		50.2		ug/L	50.0	100%	76 - 123	3	21	7123419		12/26/07 10:56
Chloroethane		51.3		ug/L	50.0	103%	77 - 127	4	32	7123419		12/26/07 10:56
Chloroform		59.1		ug/L	50.0	118%	80 - 133	4	28	7123419		12/26/07 10:56
Chloromethane		35.9		ug/L	50.0	72%	33 - 125	4	21	7123419		12/26/07 10:56
2-Chlorotoluene		59.2		ug/L	50.0	118%	80 - 127	4	16	7123419		12/26/07 10:56
4-Chlorotoluene		58.0		ug/L	50.0	116%	80 - 127	3	17	7123419		12/26/07 10:56
1,2-Dibromo-3-chloropropane		41.3		ug/L	50.0	83%	60 - 136	10	29	7123419		12/26/07 10:56
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	80 - 125	0.6	21	7123419		12/26/07 10:56
Dibromomethane		57.4		ug/L	50.0	115%	80 - 124	2	20	7123419		12/26/07 10:56
1,4-Dichlorobenzene		57.1		ug/L	50.0	114%	80 - 120	4	19	7123419		12/26/07 10:56
1,3-Dichlorobenzene		58.6		ug/L	50.0	117%	80 - 123	3	18	7123419		12/26/07 10:56
1,2-Dichlorobenzene		58.3		ug/L	50.0	117%	80 - 122	3	23	7123419		12/26/07 10:56
Dichlorodifluoromethane		25.0		ug/L	50.0	50%	36 - 120	5	14	7123419		12/26/07 10:56
1,1-Dichloroethane		57.2		ug/L	50.0	114%	76 - 130	4	15	7123419		12/26/07 10:56
1,2-Dichloroethane		61.8		ug/L	50.0	124%	69 - 136	4	26	7123419		12/26/07 10:56
cis-1,2-Dichloroethene		59.1		ug/L	50.0	118%	80 - 129	5	14	7123419		12/26/07 10:56
1,1-Dichloroethene		56.0		ug/L	50.0	112%	80 - 127	5	26	7123419		12/26/07 10:56
trans-1,2-Dichloroethene		58.7		ug/L	50.0	117%	80 - 131	5	14	7123419		12/26/07 10:56
1,3-Dichloropropane		54.8		ug/L	50.0	110%	80 - 122	3	21	7123419		12/26/07 10:56
1,2-Dichloropropane		53.9		ug/L	50.0	108%	80 - 120	4	16	7123419		12/26/07 10:56
2,2-Dichloropropane		53.3		ug/L	50.0	107%	62 - 142	8	14	7123419		12/26/07 10:56
cis-1,3-Dichloropropene		55.8		ug/L	50.0	112%	76 - 135	4	19	7123419		12/26/07 10:56
trans-1,3-Dichloropropene		52.7		ug/L	50.0	105%	70 - 137	3	20	7123419		12/26/07 10:56
1,1-Dichloropropene		58.6		ug/L	50.0	117%	80 - 127	5	14	7123419		12/26/07 10:56
Ethylbenzene		57.2		ug/L	50.0	114%	80 - 128	2	17	7123419		12/26/07 10:56
Hexachlorobutadiene		55.8		ug/L	50.0	112%	68 - 148	8	34	7123419		12/26/07 10:56
2-Hexanone		285		ug/L	250	114%	69 - 148	2	34	7123419		12/26/07 10:56

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
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Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123419-BSD1												
Isopropylbenzene		55.0		ug/L	50.0	110%	80 - 121	2	18	7123419		12/26/07 10:56
p-Isopropyltoluene		63.0		ug/L	50.0	126%	79 - 127	3	17	7123419		12/26/07 10:56
Methyl tert-Butyl Ether		53.1		ug/L	50.0	106%	70 - 129	3	32	7123419		12/26/07 10:56
Methylene Chloride		51.5		ug/L	50.0	103%	76 - 135	5	18	7123419		12/26/07 10:56
4-Methyl-2-pentanone		293		ug/L	250	117%	67 - 143	2	31	7123419		12/26/07 10:56
Naphthalene		59.8		ug/L	50.0	120%	62 - 141	18	39	7123419		12/26/07 10:56
n-Propylbenzene		61.1		ug/L	50.0	122%	80 - 132	3	17	7123419		12/26/07 10:56
Styrene		61.8		ug/L	50.0	124%	80 - 139	2	16	7123419		12/26/07 10:56
1,1,1,2-Tetrachloroethane		54.0		ug/L	50.0	108%	80 - 135	6	17	7123419		12/26/07 10:56
1,1,2,2-Tetrachloroethane		56.6		ug/L	50.0	113%	65 - 145	4	28	7123419		12/26/07 10:56
Tetrachloroethene		48.6		ug/L	50.0	97%	80 - 125	3	27	7123419		12/26/07 10:56
Toluene		54.8		ug/L	50.0	110%	80 - 125	2	19	7123419		12/26/07 10:56
1,2,3-Trichlorobenzene		57.6		ug/L	50.0	115%	57 - 144	16	31	7123419		12/26/07 10:56
1,2,4-Trichlorobenzene		58.4		ug/L	50.0	117%	60 - 140	11	26	7123419		12/26/07 10:56
1,1,2-Trichloroethane		55.8		ug/L	50.0	112%	80 - 122	2	21	7123419		12/26/07 10:56
1,1,1-Trichloroethane		56.7		ug/L	50.0	113%	80 - 131	6	16	7123419		12/26/07 10:56
Trichloroethene		56.2		ug/L	50.0	112%	80 - 131	4	28	7123419		12/26/07 10:56
Trichlorofluoromethane		45.9		ug/L	50.0	92%	68 - 125	4	20	7123419		12/26/07 10:56
1,2,3-Trichloropropane		47.8		ug/L	50.0	96%	60 - 127	2	26	7123419		12/26/07 10:56
1,3,5-Trimethylbenzene		61.6		ug/L	50.0	123%	80 - 129	3	16	7123419		12/26/07 10:56
1,2,4-Trimethylbenzene		62.3		ug/L	50.0	125%	80 - 128	4	22	7123419		12/26/07 10:56
Vinyl chloride		43.1		ug/L	50.0	86%	69 - 120	5	26	7123419		12/26/07 10:56
Xylenes, total		177		ug/L	150	118%	80 - 129	3	18	7123419		12/26/07 10:56
Surrogate: 1,2-Dichloroethane-d4		28.0		ug/L	30.0	94%	60 - 140			7123419		12/26/07 10:56
Surrogate: Dibromofluoromethane		27.4		ug/L	30.0	91%	75 - 124			7123419		12/26/07 10:56
Surrogate: Toluene-d8		27.0		ug/L	30.0	90%	78 - 121			7123419		12/26/07 10:56
Surrogate: 4-Bromofluorobenzene		27.9		ug/L	30.0	93%	79 - 124			7123419		12/26/07 10:56
7124709-BSD1												
Acetone		277		ug/L	250	111%	62 - 150	2	29	7124709		12/27/07 15:06
Benzene		51.3		ug/L	50.0	103%	80 - 137	2	23	7124709		12/27/07 15:06
Bromobenzene		56.9		ug/L	50.0	114%	74 - 131	1	18	7124709		12/27/07 15:06
Bromochloromethane		50.8		ug/L	50.0	102%	80 - 128	1	18	7124709		12/27/07 15:06
Bromodichloromethane		52.6		ug/L	50.0	105%	80 - 129	0.5	18	7124709		12/27/07 15:06
Bromoform		42.9		ug/L	50.0	86%	69 - 127	1	24	7124709		12/27/07 15:06
Bromomethane		31.8		ug/L	50.0	64%	62 - 148	16	45	7124709		12/27/07 15:06
2-Butanone		256		ug/L	250	102%	77 - 141	2	36	7124709		12/27/07 15:06
sec-Butylbenzene		65.4		ug/L	50.0	131%	78 - 133	1	17	7124709		12/27/07 15:06
n-Butylbenzene		67.9		ug/L	50.0	136%	72 - 136	2	18	7124709		12/27/07 15:06
tert-Butylbenzene		63.4		ug/L	50.0	127%	77 - 135	2	17	7124709		12/27/07 15:06
Carbon disulfide		49.5		ug/L	50.0	99%	80 - 126	2	16	7124709		12/27/07 15:06

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7124709-BSD1												
Carbon Tetrachloride		49.8		ug/L	50.0	100%	76 - 143	1	29	7124709		12/27/07 15:06
Chlorobenzene		52.5		ug/L	50.0	105%	80 - 120	2	27	7124709		12/27/07 15:06
Chlorodibromomethane		48.3		ug/L	50.0	97%	76 - 123	2	21	7124709		12/27/07 15:06
Chloroethane		37.1		ug/L	50.0	74%	77 - 127	16	32	7124709		12/27/07 15:06
Chloroform		52.7		ug/L	50.0	105%	80 - 133	3	28	7124709		12/27/07 15:06
Chloromethane		33.9		ug/L	50.0	68%	33 - 125	4	21	7124709		12/27/07 15:06
2-Chlorotoluene		59.7		ug/L	50.0	119%	80 - 127	2	16	7124709		12/27/07 15:06
4-Chlorotoluene		58.3		ug/L	50.0	117%	80 - 127	0.2	17	7124709		12/27/07 15:06
1,2-Dibromo-3-chloropropane		34.0		ug/L	50.0	68%	60 - 136	3	29	7124709		12/27/07 15:06
1,2-Dibromoethane (EDB)		52.3		ug/L	50.0	105%	80 - 125	2	21	7124709		12/27/07 15:06
Dibromomethane		51.4		ug/L	50.0	103%	80 - 124	2	20	7124709		12/27/07 15:06
1,4-Dichlorobenzene		57.1		ug/L	50.0	114%	80 - 120	0.09	19	7124709		12/27/07 15:06
1,3-Dichlorobenzene		60.2		ug/L	50.0	120%	80 - 123	3	18	7124709		12/27/07 15:06
1,2-Dichlorobenzene		56.2		ug/L	50.0	112%	80 - 122	2	23	7124709		12/27/07 15:06
Dichlorodifluoromethane		25.6		ug/L	50.0	51%	36 - 120	3	14	7124709		12/27/07 15:06
1,1-Dichloroethane		51.3		ug/L	50.0	103%	76 - 130	3	15	7124709		12/27/07 15:06
1,2-Dichloroethane		54.7		ug/L	50.0	109%	69 - 136	2	26	7124709		12/27/07 15:06
cis-1,2-Dichloroethene		51.9		ug/L	50.0	104%	80 - 129	3	14	7124709		12/27/07 15:06
1,1-Dichloroethene		52.0		ug/L	50.0	104%	80 - 127	1	26	7124709		12/27/07 15:06
trans-1,2-Dichloroethene		53.3		ug/L	50.0	107%	80 - 131	2	14	7124709		12/27/07 15:06
1,3-Dichloropropane		53.5		ug/L	50.0	107%	80 - 122	0.9	21	7124709		12/27/07 15:06
1,2-Dichloropropane		48.2		ug/L	50.0	96%	80 - 120	0.2	16	7124709		12/27/07 15:06
2,2-Dichloropropane		44.2		ug/L	50.0	88%	62 - 142	0.6	14	7124709		12/27/07 15:06
cis-1,3-Dichloropropene		53.6		ug/L	50.0	107%	76 - 135	1	19	7124709		12/27/07 15:06
trans-1,3-Dichloropropene		50.9		ug/L	50.0	102%	70 - 137	0.8	20	7124709		12/27/07 15:06
1,1-Dichloropropene		52.9		ug/L	50.0	106%	80 - 127	3	14	7124709		12/27/07 15:06
Ethylbenzene		56.0		ug/L	50.0	112%	80 - 128	2	17	7124709		12/27/07 15:06
Hexachlorobutadiene		55.3		ug/L	50.0	111%	68 - 148	9	34	7124709		12/27/07 15:06
2-Hexanone		260		ug/L	250	104%	69 - 148	4	34	7124709		12/27/07 15:06
Isopropylbenzene		54.0		ug/L	50.0	108%	80 - 121	3	18	7124709		12/27/07 15:06
p-Isopropyltoluene		65.0		ug/L	50.0	130%	79 - 127	2	17	7124709		12/27/07 15:06
Methyl tert-Butyl Ether		46.5		ug/L	50.0	93%	70 - 129	2	32	7124709		12/27/07 15:06
Methylene Chloride		46.2		ug/L	50.0	92%	76 - 135	3	18	7124709		12/27/07 15:06
4-Methyl-2-pentanone		273		ug/L	250	109%	67 - 143	4	31	7124709		12/27/07 15:06
Naphthalene		52.4		ug/L	50.0	105%	62 - 141	16	39	7124709		12/27/07 15:06
n-Propylbenzene		62.4		ug/L	50.0	125%	80 - 132	0.4	17	7124709		12/27/07 15:06
Styrene		60.6		ug/L	50.0	121%	80 - 139	0.5	16	7124709		12/27/07 15:06
1,1,1,2-Tetrachloroethane		51.8		ug/L	50.0	104%	80 - 135	2	17	7124709		12/27/07 15:06
1,1,2,2-Tetrachloroethane		54.1		ug/L	50.0	108%	65 - 145	2	28	7124709		12/27/07 15:06
Tetrachloroethene		48.9		ug/L	50.0	98%	80 - 125	3	27	7124709		12/27/07 15:06
Toluene		54.1		ug/L	50.0	108%	80 - 125	1	19	7124709		12/27/07 15:06

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7124709-BSD1												
1,2,3-Trichlorobenzene		53.6		ug/L	50.0	107%	57 - 144	16	31	7124709		12/27/07 15:06
1,2,4-Trichlorobenzene		54.7		ug/L	50.0	109%	60 - 140	11	26	7124709		12/27/07 15:06
1,1,2-Trichloroethane		54.7		ug/L	50.0	109%	80 - 122	2	21	7124709		12/27/07 15:06
1,1,1-Trichloroethane		50.6		ug/L	50.0	101%	80 - 131	2	16	7124709		12/27/07 15:06
Trichloroethene		52.5		ug/L	50.0	105%	80 - 131	0.9	28	7124709		12/27/07 15:06
Trichlorofluoromethane		42.4		ug/L	50.0	85%	68 - 125	5	20	7124709		12/27/07 15:06
1,2,3-Trichloropropane		46.0		ug/L	50.0	92%	60 - 127	3	26	7124709		12/27/07 15:06
1,3,5-Trimethylbenzene		62.4		ug/L	50.0	125%	80 - 129	0.5	16	7124709		12/27/07 15:06
1,2,4-Trimethylbenzene		62.6		ug/L	50.0	125%	80 - 128	0.8	22	7124709		12/27/07 15:06
Vinyl chloride		41.0		ug/L	50.0	82%	69 - 120	4	26	7124709		12/27/07 15:06
Xylenes, total		170		ug/L	150	113%	80 - 129	3	18	7124709		12/27/07 15:06
Surrogate: 1,2-Dichloroethane-d4		27.6		ug/L	30.0	92%	60 - 140			7124709		12/27/07 15:06
Surrogate: Dibromofluoromethane		26.9		ug/L	30.0	90%	75 - 124			7124709		12/27/07 15:06
Surrogate: Toluene-d8		28.2		ug/L	30.0	94%	78 - 121			7124709		12/27/07 15:06
Surrogate: 4-Bromofluorobenzene		27.9		ug/L	30.0	93%	79 - 124			7124709		12/27/07 15:06

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7123419-MS1										
Acetone	ND	284		ug/L	250	114%	55 - 148	7123419	NQL1614-10	12/26/07 21:11
Benzene	ND	61.2		ug/L	50.0	122%	68 - 143	7123419	NQL1614-10	12/26/07 21:11
Bromobenzene	ND	57.0		ug/L	50.0	114%	65 - 140	7123419	NQL1614-10	12/26/07 21:11
Bromochloromethane	ND	59.1		ug/L	50.0	118%	80 - 137	7123419	NQL1614-10	12/26/07 21:11
Bromodichloromethane	ND	61.2		ug/L	50.0	122%	80 - 132	7123419	NQL1614-10	12/26/07 21:11
Bromoform	ND	42.0		ug/L	50.0	84%	67 - 123	7123419	NQL1614-10	12/26/07 21:11
Bromomethane	ND	60.0		ug/L	50.0	120%	39 - 166	7123419	NQL1614-10	12/26/07 21:11
2-Butanone	ND	272		ug/L	250	109%	50 - 154	7123419	NQL1614-10	12/26/07 21:11
sec-Butylbenzene	ND	68.4		ug/L	50.0	137%	73 - 142	7123419	NQL1614-10	12/26/07 21:11
n-Butylbenzene	ND	67.0		ug/L	50.0	134%	64 - 147	7123419	NQL1614-10	12/26/07 21:11
tert-Butylbenzene	ND	65.2		ug/L	50.0	130%	70 - 148	7123419	NQL1614-10	12/26/07 21:11
Carbon disulfide	ND	62.9		ug/L	50.0	126%	79 - 147	7123419	NQL1614-10	12/26/07 21:11
Carbon Tetrachloride	ND	57.7		ug/L	50.0	115%	62 - 165	7123419	NQL1614-10	12/26/07 21:11
Chlorobenzene	ND	56.7		ug/L	50.0	113%	67 - 140	7123419	NQL1614-10	12/26/07 21:11
Chlorodibromomethane	ND	49.3		ug/L	50.0	99%	72 - 123	7123419	NQL1614-10	12/26/07 21:11
Chloroethane	ND	63.4		ug/L	50.0	127%	74 - 151	7123419	NQL1614-10	12/26/07 21:11
Chloroform	ND	62.4		ug/L	50.0	125%	59 - 152	7123419	NQL1614-10	12/26/07 21:11
Chloromethane	ND	45.8		ug/L	50.0	92%	33 - 138	7123419	NQL1614-10	12/26/07 21:11
2-Chlorotoluene	ND	60.2		ug/L	50.0	120%	76 - 134	7123419	NQL1614-10	12/26/07 21:11
4-Chlorotoluene	ND	60.2		ug/L	50.0	120%	80 - 133	7123419	NQL1614-10	12/26/07 21:11
1,2-Dibromo-3-chloropropane	ND	29.5	M8	ug/L	50.0	59%	60 - 136	7123419	NQL1614-10	12/26/07 21:11
1,2-Dibromoethane (EDB)	ND	54.2		ug/L	50.0	108%	80 - 132	7123419	NQL1614-10	12/26/07 21:11
Dibromomethane	ND	59.0		ug/L	50.0	118%	79 - 131	7123419	NQL1614-10	12/26/07 21:11
1,4-Dichlorobenzene	ND	58.0		ug/L	50.0	116%	80 - 126	7123419	NQL1614-10	12/26/07 21:11
1,3-Dichlorobenzene	ND	59.8		ug/L	50.0	120%	75 - 132	7123419	NQL1614-10	12/26/07 21:11
1,2-Dichlorobenzene	ND	54.1		ug/L	50.0	108%	80 - 130	7123419	NQL1614-10	12/26/07 21:11
Dichlorodifluoromethane	ND	46.3		ug/L	50.0	93%	36 - 146	7123419	NQL1614-10	12/26/07 21:11
1,1-Dichloroethane	ND	61.9		ug/L	50.0	124%	76 - 131	7123419	NQL1614-10	12/26/07 21:11
1,2-Dichloroethane	ND	63.9		ug/L	50.0	128%	53 - 146	7123419	NQL1614-10	12/26/07 21:11
cis-1,2-Dichloroethene	0.580	61.7		ug/L	50.0	122%	76 - 141	7123419	NQL1614-10	12/26/07 21:11
1,1-Dichloroethene	ND	64.2		ug/L	50.0	128%	63 - 157	7123419	NQL1614-10	12/26/07 21:11
trans-1,2-Dichloroethene	ND	63.6		ug/L	50.0	127%	78 - 137	7123419	NQL1614-10	12/26/07 21:11
1,3-Dichloropropane	ND	55.9		ug/L	50.0	112%	76 - 130	7123419	NQL1614-10	12/26/07 21:11
1,2-Dichloropropane	ND	59.5		ug/L	50.0	119%	77 - 128	7123419	NQL1614-10	12/26/07 21:11
2,2-Dichloropropane	ND	42.5		ug/L	50.0	85%	62 - 145	7123419	NQL1614-10	12/26/07 21:11
cis-1,3-Dichloropropene	ND	54.1		ug/L	50.0	108%	71 - 140	7123419	NQL1614-10	12/26/07 21:11
trans-1,3-Dichloropropene	ND	48.7		ug/L	50.0	97%	65 - 137	7123419	NQL1614-10	12/26/07 21:11

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7123419-MS1										
1,1-Dichloropropene	ND	66.0		ug/L	50.0	132%	80 - 136	7123419	NQL1614-10	12/26/07 21:11
Ethylbenzene	ND	60.7		ug/L	50.0	121%	80 - 135	7123419	NQL1614-10	12/26/07 21:11
Hexachlorobutadiene	ND	47.6		ug/L	50.0	95%	48 - 155	7123419	NQL1614-10	12/26/07 21:11
2-Hexanone	ND	266		ug/L	250	106%	58 - 154	7123419	NQL1614-10	12/26/07 21:11
Isopropylbenzene	ND	64.2		ug/L	50.0	128%	80 - 135	7123419	NQL1614-10	12/26/07 21:11
p-Isopropyltoluene	ND	69.1		ug/L	50.0	138%	74 - 139	7123419	NQL1614-10	12/26/07 21:11
Methyl tert-Butyl Ether	ND	55.6		ug/L	50.0	111%	60 - 144	7123419	NQL1614-10	12/26/07 21:11
Methylene Chloride	ND	53.2		ug/L	50.0	106%	64 - 140	7123419	NQL1614-10	12/26/07 21:11
4-Methyl-2-pentanone	ND	279		ug/L	250	112%	55 - 153	7123419	NQL1614-10	12/26/07 21:11
Naphthalene	ND	43.3		ug/L	50.0	87%	50 - 154	7123419	NQL1614-10	12/26/07 21:11
n-Propylbenzene	ND	65.4		ug/L	50.0	131%	78 - 141	7123419	NQL1614-10	12/26/07 21:11
Styrene	ND	58.3		ug/L	50.0	117%	80 - 139	7123419	NQL1614-10	12/26/07 21:11
1,1,1,2-Tetrachloroethane	ND	54.0		ug/L	50.0	108%	75 - 140	7123419	NQL1614-10	12/26/07 21:11
1,1,2,2-Tetrachloroethane	ND	53.5		ug/L	50.0	107%	55 - 152	7123419	NQL1614-10	12/26/07 21:11
Tetrachloroethene	ND	53.3		ug/L	50.0	107%	67 - 150	7123419	NQL1614-10	12/26/07 21:11
Toluene	ND	58.9		ug/L	50.0	118%	75 - 139	7123419	NQL1614-10	12/26/07 21:11
1,2,3-Trichlorobenzene	ND	43.6		ug/L	50.0	87%	49 - 144	7123419	NQL1614-10	12/26/07 21:11
1,2,4-Trichlorobenzene	ND	49.6		ug/L	50.0	99%	55 - 135	7123419	NQL1614-10	12/26/07 21:11
1,1,2-Trichloroethane	ND	56.8		ug/L	50.0	114%	77 - 128	7123419	NQL1614-10	12/26/07 21:11
1,1,1-Trichloroethane	ND	59.6		ug/L	50.0	119%	80 - 136	7123419	NQL1614-10	12/26/07 21:11
Trichloroethene	0.450	60.9		ug/L	50.0	121%	57 - 158	7123419	NQL1614-10	12/26/07 21:11
Trichlorofluoromethane	ND	64.9		ug/L	50.0	130%	68 - 145	7123419	NQL1614-10	12/26/07 21:11
1,2,3-Trichloropropane	ND	46.3		ug/L	50.0	93%	55 - 137	7123419	NQL1614-10	12/26/07 21:11
1,3,5-Trimethylbenzene	ND	64.6		ug/L	50.0	129%	78 - 136	7123419	NQL1614-10	12/26/07 21:11
1,2,4-Trimethylbenzene	ND	63.1		ug/L	50.0	126%	70 - 143	7123419	NQL1614-10	12/26/07 21:11
Vinyl chloride	ND	53.5		ug/L	50.0	107%	49 - 156	7123419	NQL1614-10	12/26/07 21:11
Xylenes, total	ND	190		ug/L	150	127%	80 - 136	7123419	NQL1614-10	12/26/07 21:11
Surrogate: 1,2-Dichloroethane-d4		27.8		ug/L	30.0	93%	60 - 140	7123419	NQL1614-10	12/26/07 21:11
Surrogate: Dibromofluoromethane		27.6		ug/L	30.0	92%	75 - 124	7123419	NQL1614-10	12/26/07 21:11
Surrogate: Toluene-d8		26.8		ug/L	30.0	89%	78 - 121	7123419	NQL1614-10	12/26/07 21:11
Surrogate: 4-Bromofluorobenzene		27.2		ug/L	30.0	91%	79 - 124	7123419	NQL1614-10	12/26/07 21:11
7124709-MS1										
Acetone	ND	273		ug/L	250	109%	55 - 148	7124709	NQL1815-02	12/28/07 13:42
Benzene	ND	58.8		ug/L	50.0	118%	68 - 143	7124709	NQL1815-02	12/28/07 13:42
Bromobenzene	ND	61.8		ug/L	50.0	124%	65 - 140	7124709	NQL1815-02	12/28/07 13:42
Bromochloromethane	ND	56.1		ug/L	50.0	112%	80 - 137	7124709	NQL1815-02	12/28/07 13:42
Bromodichloromethane	ND	58.0		ug/L	50.0	116%	80 - 132	7124709	NQL1815-02	12/28/07 13:42

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7124709-MS1										
Bromoform	ND	43.8		ug/L	50.0	88%	67 - 123	7124709	NQL1815-02	12/28/07 13:42
Bromomethane	ND	61.7		ug/L	50.0	123%	39 - 166	7124709	NQL1815-02	12/28/07 13:42
2-Butanone	ND	254		ug/L	250	102%	50 - 154	7124709	NQL1815-02	12/28/07 13:42
sec-Butylbenzene	ND	75.1	M7	ug/L	50.0	150%	73 - 142	7124709	NQL1815-02	12/28/07 13:42
n-Butylbenzene	ND	78.0	M7	ug/L	50.0	156%	64 - 147	7124709	NQL1815-02	12/28/07 13:42
tert-Butylbenzene	ND	70.8		ug/L	50.0	142%	70 - 148	7124709	NQL1815-02	12/28/07 13:42
Carbon disulfide	ND	61.1		ug/L	50.0	122%	79 - 147	7124709	NQL1815-02	12/28/07 13:42
Carbon Tetrachloride	ND	61.9		ug/L	50.0	124%	62 - 165	7124709	NQL1815-02	12/28/07 13:42
Chlorobenzene	ND	57.9		ug/L	50.0	116%	67 - 140	7124709	NQL1815-02	12/28/07 13:42
Chlorodibromomethane	ND	52.3		ug/L	50.0	105%	72 - 123	7124709	NQL1815-02	12/28/07 13:42
Chloroethane	ND	57.6		ug/L	50.0	115%	74 - 151	7124709	NQL1815-02	12/28/07 13:42
Chloroform	ND	59.6		ug/L	50.0	119%	59 - 152	7124709	NQL1815-02	12/28/07 13:42
Chloromethane	ND	41.4		ug/L	50.0	83%	33 - 138	7124709	NQL1815-02	12/28/07 13:42
2-Chlorotoluene	ND	65.5		ug/L	50.0	131%	76 - 134	7124709	NQL1815-02	12/28/07 13:42
4-Chlorotoluene	ND	65.8		ug/L	50.0	132%	80 - 133	7124709	NQL1815-02	12/28/07 13:42
1,2-Dibromo-3-chloropropane	ND	35.2		ug/L	50.0	70%	60 - 136	7124709	NQL1815-02	12/28/07 13:42
1,2-Dibromoethane (EDB)	ND	54.2		ug/L	50.0	108%	80 - 132	7124709	NQL1815-02	12/28/07 13:42
Dibromomethane	ND	55.5		ug/L	50.0	111%	79 - 131	7124709	NQL1815-02	12/28/07 13:42
1,4-Dichlorobenzene	ND	64.0	M7	ug/L	50.0	128%	80 - 126	7124709	NQL1815-02	12/28/07 13:42
1,3-Dichlorobenzene	ND	67.0	M7	ug/L	50.0	134%	75 - 132	7124709	NQL1815-02	12/28/07 13:42
1,2-Dichlorobenzene	ND	60.4		ug/L	50.0	121%	80 - 130	7124709	NQL1815-02	12/28/07 13:42
Dichlorodifluoromethane	ND	39.8		ug/L	50.0	80%	36 - 146	7124709	NQL1815-02	12/28/07 13:42
1,1-Dichloroethane	ND	60.2		ug/L	50.0	120%	76 - 131	7124709	NQL1815-02	12/28/07 13:42
1,2-Dichloroethane	ND	59.8		ug/L	50.0	120%	53 - 146	7124709	NQL1815-02	12/28/07 13:42
cis-1,2-Dichloroethene	ND	60.2		ug/L	50.0	120%	76 - 141	7124709	NQL1815-02	12/28/07 13:42
1,1-Dichloroethene	ND	62.3		ug/L	50.0	125%	63 - 157	7124709	NQL1815-02	12/28/07 13:42
trans-1,2-Dichloroethene	ND	60.8		ug/L	50.0	122%	78 - 137	7124709	NQL1815-02	12/28/07 13:42
1,3-Dichloropropane	ND	56.1		ug/L	50.0	112%	76 - 130	7124709	NQL1815-02	12/28/07 13:42
1,2-Dichloropropane	ND	56.4		ug/L	50.0	113%	77 - 128	7124709	NQL1815-02	12/28/07 13:42
2,2-Dichloropropane	ND	54.3		ug/L	50.0	109%	62 - 145	7124709	NQL1815-02	12/28/07 13:42
cis-1,3-Dichloropropene	ND	57.5		ug/L	50.0	115%	71 - 140	7124709	NQL1815-02	12/28/07 13:42
trans-1,3-Dichloropropene	ND	53.9		ug/L	50.0	108%	65 - 137	7124709	NQL1815-02	12/28/07 13:42
1,1-Dichloropropene	ND	62.9		ug/L	50.0	126%	80 - 136	7124709	NQL1815-02	12/28/07 13:42
Ethylbenzene	ND	62.8		ug/L	50.0	126%	80 - 135	7124709	NQL1815-02	12/28/07 13:42
Hexachlorobutadiene	ND	58.9		ug/L	50.0	118%	48 - 155	7124709	NQL1815-02	12/28/07 13:42
2-Hexanone	ND	262		ug/L	250	105%	58 - 154	7124709	NQL1815-02	12/28/07 13:42
Isopropylbenzene	ND	64.7		ug/L	50.0	129%	80 - 135	7124709	NQL1815-02	12/28/07 13:42

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7124709-MS1										
p-Isopropyltoluene	ND	77.2	M7	ug/L	50.0	154%	74 - 139	7124709	NQL1815-02	12/28/07 13:42
Methyl tert-Butyl Ether	ND	52.5		ug/L	50.0	105%	60 - 144	7124709	NQL1815-02	12/28/07 13:42
Methylene Chloride	ND	51.4		ug/L	50.0	103%	64 - 140	7124709	NQL1815-02	12/28/07 13:42
4-Methyl-2-pentanone	ND	279		ug/L	250	112%	55 - 153	7124709	NQL1815-02	12/28/07 13:42
Naphthalene	ND	54.0		ug/L	50.0	108%	50 - 154	7124709	NQL1815-02	12/28/07 13:42
n-Propylbenzene	ND	71.5	M7	ug/L	50.0	143%	78 - 141	7124709	NQL1815-02	12/28/07 13:42
Styrene	ND	59.0		ug/L	50.0	118%	80 - 139	7124709	NQL1815-02	12/28/07 13:42
1,1,1,2-Tetrachloroethane	ND	59.0		ug/L	50.0	118%	75 - 140	7124709	NQL1815-02	12/28/07 13:42
1,1,2,2-Tetrachloroethane	ND	57.8		ug/L	50.0	116%	55 - 152	7124709	NQL1815-02	12/28/07 13:42
Tetrachloroethene	ND	55.4		ug/L	50.0	111%	67 - 150	7124709	NQL1815-02	12/28/07 13:42
Toluene	ND	60.9		ug/L	50.0	122%	75 - 139	7124709	NQL1815-02	12/28/07 13:42
1,2,3-Trichlorobenzene	ND	57.7		ug/L	50.0	115%	49 - 144	7124709	NQL1815-02	12/28/07 13:42
1,2,4-Trichlorobenzene	ND	56.1		ug/L	50.0	112%	55 - 135	7124709	NQL1815-02	12/28/07 13:42
1,1,2-Trichloroethane	ND	56.9		ug/L	50.0	114%	77 - 128	7124709	NQL1815-02	12/28/07 13:42
1,1,1-Trichloroethane	ND	60.1		ug/L	50.0	120%	80 - 136	7124709	NQL1815-02	12/28/07 13:42
Trichloroethene	ND	57.1		ug/L	50.0	114%	57 - 158	7124709	NQL1815-02	12/28/07 13:42
Trichlorofluoromethane	ND	62.7		ug/L	50.0	125%	68 - 145	7124709	NQL1815-02	12/28/07 13:42
1,2,3-Trichloropropane	ND	51.8		ug/L	50.0	104%	55 - 137	7124709	NQL1815-02	12/28/07 13:42
1,3,5-Trimethylbenzene	ND	70.2	M7	ug/L	50.0	140%	78 - 136	7124709	NQL1815-02	12/28/07 13:42
1,2,4-Trimethylbenzene	ND	69.5		ug/L	50.0	139%	70 - 143	7124709	NQL1815-02	12/28/07 13:42
Vinyl chloride	ND	48.7		ug/L	50.0	97%	49 - 156	7124709	NQL1815-02	12/28/07 13:42
Xylenes, total	ND	195		ug/L	150	130%	80 - 136	7124709	NQL1815-02	12/28/07 13:42
Surrogate: 1,2-Dichloroethane-d4		29.3		ug/L	30.0	98%	60 - 140	7124709	NQL1815-02	12/28/07 13:42
Surrogate: Dibromofluoromethane		27.9		ug/L	30.0	93%	75 - 124	7124709	NQL1815-02	12/28/07 13:42
Surrogate: Toluene-d8		28.5		ug/L	30.0	95%	78 - 121	7124709	NQL1815-02	12/28/07 13:42
Surrogate: 4-Bromofluorobenzene		27.0		ug/L	30.0	90%	79 - 124	7124709	NQL1815-02	12/28/07 13:42

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123419-MSD1												
Acetone	ND	300		ug/L	250	120%	55 - 148	5	29	7123419	NQL1614-10	12/26/07 21:36
Benzene	ND	63.8		ug/L	50.0	128%	68 - 143	4	23	7123419	NQL1614-10	12/26/07 21:36
Bromobenzene	ND	58.9		ug/L	50.0	118%	65 - 140	3	18	7123419	NQL1614-10	12/26/07 21:36
Bromochloromethane	ND	60.7		ug/L	50.0	121%	80 - 137	3	18	7123419	NQL1614-10	12/26/07 21:36
Bromodichloromethane	ND	64.0		ug/L	50.0	128%	80 - 132	5	18	7123419	NQL1614-10	12/26/07 21:36
Bromoform	ND	44.2		ug/L	50.0	88%	67 - 123	5	24	7123419	NQL1614-10	12/26/07 21:36
Bromomethane	ND	65.6		ug/L	50.0	131%	39 - 166	9	45	7123419	NQL1614-10	12/26/07 21:36
2-Butanone	ND	289		ug/L	250	115%	50 - 154	6	36	7123419	NQL1614-10	12/26/07 21:36
sec-Butylbenzene	ND	70.4		ug/L	50.0	141%	73 - 142	3	17	7123419	NQL1614-10	12/26/07 21:36
n-Butylbenzene	ND	72.0		ug/L	50.0	144%	64 - 147	7	18	7123419	NQL1614-10	12/26/07 21:36
tert-Butylbenzene	ND	67.1		ug/L	50.0	134%	70 - 148	3	17	7123419	NQL1614-10	12/26/07 21:36
Carbon disulfide	ND	66.0		ug/L	50.0	132%	79 - 147	5	16	7123419	NQL1614-10	12/26/07 21:36
Carbon Tetrachloride	ND	65.2		ug/L	50.0	130%	62 - 165	12	29	7123419	NQL1614-10	12/26/07 21:36
Chlorobenzene	ND	58.1		ug/L	50.0	116%	67 - 140	2	27	7123419	NQL1614-10	12/26/07 21:36
Chlorodibromomethane	ND	51.9		ug/L	50.0	104%	72 - 123	5	21	7123419	NQL1614-10	12/26/07 21:36
Chloroethane	ND	65.6		ug/L	50.0	131%	74 - 151	3	32	7123419	NQL1614-10	12/26/07 21:36
Chloroform	ND	65.4		ug/L	50.0	131%	59 - 152	5	28	7123419	NQL1614-10	12/26/07 21:36
Chloromethane	ND	46.7		ug/L	50.0	93%	33 - 138	2	21	7123419	NQL1614-10	12/26/07 21:36
2-Chlorotoluene	ND	62.0		ug/L	50.0	124%	76 - 134	3	16	7123419	NQL1614-10	12/26/07 21:36
4-Chlorotoluene	ND	62.0		ug/L	50.0	124%	80 - 133	3	17	7123419	NQL1614-10	12/26/07 21:36
1,2-Dibromo-3-chloropropane	ND	32.8		ug/L	50.0	66%	60 - 136	11	29	7123419	NQL1614-10	12/26/07 21:36
1,2-Dibromoethane (EDB)	ND	54.9		ug/L	50.0	110%	80 - 132	1	21	7123419	NQL1614-10	12/26/07 21:36
Dibromomethane	ND	61.7		ug/L	50.0	123%	79 - 131	4	20	7123419	NQL1614-10	12/26/07 21:36
1,4-Dichlorobenzene	ND	60.0		ug/L	50.0	120%	80 - 126	3	19	7123419	NQL1614-10	12/26/07 21:36
1,3-Dichlorobenzene	ND	61.5		ug/L	50.0	123%	75 - 132	3	18	7123419	NQL1614-10	12/26/07 21:36
1,2-Dichlorobenzene	ND	59.6		ug/L	50.0	119%	80 - 130	10	23	7123419	NQL1614-10	12/26/07 21:36
Dichlorodifluoromethane	ND	47.7		ug/L	50.0	95%	36 - 146	3	14	7123419	NQL1614-10	12/26/07 21:36
1,1-Dichloroethane	ND	64.7		ug/L	50.0	129%	76 - 131	4	15	7123419	NQL1614-10	12/26/07 21:36
1,2-Dichloroethane	ND	65.6		ug/L	50.0	131%	53 - 146	3	26	7123419	NQL1614-10	12/26/07 21:36
cis-1,2-Dichloroethene	0.580	65.0		ug/L	50.0	129%	76 - 141	5	14	7123419	NQL1614-10	12/26/07 21:36
1,1-Dichloroethene	ND	67.2		ug/L	50.0	134%	63 - 157	4	26	7123419	NQL1614-10	12/26/07 21:36
trans-1,2-Dichloroethene	ND	66.1		ug/L	50.0	132%	78 - 137	4	14	7123419	NQL1614-10	12/26/07 21:36
1,3-Dichloropropane	ND	56.4		ug/L	50.0	113%	76 - 130	0.9	21	7123419	NQL1614-10	12/26/07 21:36
1,2-Dichloropropane	ND	61.9		ug/L	50.0	124%	77 - 128	4	16	7123419	NQL1614-10	12/26/07 21:36
2,2-Dichloropropane	ND	49.7	R	ug/L	50.0	99%	62 - 145	16	14	7123419	NQL1614-10	12/26/07 21:36
cis-1,3-Dichloropropene	ND	56.2		ug/L	50.0	112%	71 - 140	4	19	7123419	NQL1614-10	12/26/07 21:36
trans-1,3-Dichloropropene	ND	51.6		ug/L	50.0	103%	65 - 137	6	20	7123419	NQL1614-10	12/26/07 21:36
1,1-Dichloropropene	ND	68.6	M7	ug/L	50.0	137%	80 - 136	4	14	7123419	NQL1614-10	12/26/07 21:36
Ethylbenzene	ND	62.7		ug/L	50.0	125%	80 - 135	3	17	7123419	NQL1614-10	12/26/07 21:36
Hexachlorobutadiene	ND	53.7		ug/L	50.0	107%	48 - 155	12	34	7123419	NQL1614-10	12/26/07 21:36
2-Hexanone	ND	275		ug/L	250	110%	58 - 154	3	34	7123419	NQL1614-10	12/26/07 21:36

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123419-MSD1												
Isopropylbenzene	ND	65.4		ug/L	50.0	131%	80 - 135	2	18	7123419	NQL1614-10	12/26/07 21:36
p-Isopropyltoluene	ND	71.8	M7	ug/L	50.0	144%	74 - 139	4	17	7123419	NQL1614-10	12/26/07 21:36
Methyl tert-Butyl Ether	ND	58.3		ug/L	50.0	117%	60 - 144	5	32	7123419	NQL1614-10	12/26/07 21:36
Methylene Chloride	ND	56.0		ug/L	50.0	112%	64 - 140	5	18	7123419	NQL1614-10	12/26/07 21:36
4-Methyl-2-pentanone	ND	284		ug/L	250	114%	55 - 153	2	31	7123419	NQL1614-10	12/26/07 21:36
Naphthalene	ND	53.7		ug/L	50.0	107%	50 - 154	22	39	7123419	NQL1614-10	12/26/07 21:36
n-Propylbenzene	ND	67.3		ug/L	50.0	135%	78 - 141	3	17	7123419	NQL1614-10	12/26/07 21:36
Styrene	ND	59.4		ug/L	50.0	119%	80 - 139	2	16	7123419	NQL1614-10	12/26/07 21:36
1,1,1,2-Tetrachloroethane	ND	56.4		ug/L	50.0	113%	75 - 140	4	17	7123419	NQL1614-10	12/26/07 21:36
1,1,2,2-Tetrachloroethane	ND	55.3		ug/L	50.0	111%	55 - 152	3	28	7123419	NQL1614-10	12/26/07 21:36
Tetrachloroethene	ND	54.1		ug/L	50.0	108%	67 - 150	2	27	7123419	NQL1614-10	12/26/07 21:36
Toluene	ND	60.8		ug/L	50.0	122%	75 - 139	3	19	7123419	NQL1614-10	12/26/07 21:36
1,2,3-Trichlorobenzene	ND	54.2		ug/L	50.0	108%	49 - 144	22	31	7123419	NQL1614-10	12/26/07 21:36
1,2,4-Trichlorobenzene	ND	54.4		ug/L	50.0	109%	55 - 135	9	26	7123419	NQL1614-10	12/26/07 21:36
1,1,2-Trichloroethane	ND	57.4		ug/L	50.0	115%	77 - 128	1	21	7123419	NQL1614-10	12/26/07 21:36
1,1,1-Trichloroethane	ND	64.3		ug/L	50.0	129%	80 - 136	8	16	7123419	NQL1614-10	12/26/07 21:36
Trichloroethene	0.450	63.2		ug/L	50.0	126%	57 - 158	4	28	7123419	NQL1614-10	12/26/07 21:36
Trichlorofluoromethane	ND	67.1		ug/L	50.0	134%	68 - 145	3	20	7123419	NQL1614-10	12/26/07 21:36
1,2,3-Trichloropropane	ND	48.6		ug/L	50.0	97%	55 - 137	5	26	7123419	NQL1614-10	12/26/07 21:36
1,3,5-Trimethylbenzene	ND	66.4		ug/L	50.0	133%	78 - 136	3	16	7123419	NQL1614-10	12/26/07 21:36
1,2,4-Trimethylbenzene	ND	65.4		ug/L	50.0	131%	70 - 143	4	22	7123419	NQL1614-10	12/26/07 21:36
Vinyl chloride	ND	54.7		ug/L	50.0	109%	49 - 156	2	26	7123419	NQL1614-10	12/26/07 21:36
Xylenes, total	ND	196		ug/L	150	130%	80 - 136	3	18	7123419	NQL1614-10	12/26/07 21:36
Surrogate: 1,2-Dichloroethane-d4		28.1		ug/L	30.0	94%	60 - 140			7123419	NQL1614-10	12/26/07 21:36
Surrogate: Dibromofluoromethane		28.0		ug/L	30.0	94%	75 - 124			7123419	NQL1614-10	12/26/07 21:36
Surrogate: Toluene-d8		26.9		ug/L	30.0	90%	78 - 121			7123419	NQL1614-10	12/26/07 21:36
Surrogate: 4-Bromofluorobenzene		27.2		ug/L	30.0	91%	79 - 124			7123419	NQL1614-10	12/26/07 21:36
7124709-MSD1												
Acetone	ND	269		ug/L	250	108%	55 - 148	1	29	7124709	NQL1815-02	12/28/07 14:07
Benzene	ND	61.0		ug/L	50.0	122%	68 - 143	4	23	7124709	NQL1815-02	12/28/07 14:07
Bromobenzene	ND	62.7		ug/L	50.0	125%	65 - 140	1	18	7124709	NQL1815-02	12/28/07 14:07
Bromochloromethane	ND	59.3		ug/L	50.0	119%	80 - 137	6	18	7124709	NQL1815-02	12/28/07 14:07
Bromodichloromethane	ND	61.2		ug/L	50.0	122%	80 - 132	5	18	7124709	NQL1815-02	12/28/07 14:07
Bromoform	ND	46.7		ug/L	50.0	93%	67 - 123	6	24	7124709	NQL1815-02	12/28/07 14:07
Bromomethane	ND	67.4		ug/L	50.0	135%	39 - 166	9	45	7124709	NQL1815-02	12/28/07 14:07
2-Butanone	ND	264		ug/L	250	106%	50 - 154	4	36	7124709	NQL1815-02	12/28/07 14:07
sec-Butylbenzene	ND	76.5	M7	ug/L	50.0	153%	73 - 142	2	17	7124709	NQL1815-02	12/28/07 14:07
n-Butylbenzene	ND	79.1	M7	ug/L	50.0	158%	64 - 147	2	18	7124709	NQL1815-02	12/28/07 14:07
tert-Butylbenzene	ND	71.7		ug/L	50.0	143%	70 - 148	1	17	7124709	NQL1815-02	12/28/07 14:07
Carbon disulfide	ND	64.0		ug/L	50.0	128%	79 - 147	5	16	7124709	NQL1815-02	12/28/07 14:07

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7124709-MSD1												
Carbon Tetrachloride	ND	66.0		ug/L	50.0	132%	62 - 165	6	29	7124709	NQL1815-02	12/28/07 14:07
Chlorobenzene	ND	59.3		ug/L	50.0	119%	67 - 140	2	27	7124709	NQL1815-02	12/28/07 14:07
Chlorodibromomethane	ND	54.2		ug/L	50.0	108%	72 - 123	4	21	7124709	NQL1815-02	12/28/07 14:07
Chloroethane	ND	63.5		ug/L	50.0	127%	74 - 151	10	32	7124709	NQL1815-02	12/28/07 14:07
Chloroform	ND	61.7		ug/L	50.0	123%	59 - 152	4	28	7124709	NQL1815-02	12/28/07 14:07
Chloromethane	ND	43.0		ug/L	50.0	86%	33 - 138	4	21	7124709	NQL1815-02	12/28/07 14:07
2-Chlorotoluene	ND	66.6		ug/L	50.0	133%	76 - 134	2	16	7124709	NQL1815-02	12/28/07 14:07
4-Chlorotoluene	ND	67.2	M7	ug/L	50.0	134%	80 - 133	2	17	7124709	NQL1815-02	12/28/07 14:07
1,2-Dibromo-3-chloropropane	ND	35.9		ug/L	50.0	72%	60 - 136	2	29	7124709	NQL1815-02	12/28/07 14:07
1,2-Dibromoethane (EDB)	ND	56.2		ug/L	50.0	112%	80 - 132	4	21	7124709	NQL1815-02	12/28/07 14:07
Dibromomethane	ND	57.6		ug/L	50.0	115%	79 - 131	4	20	7124709	NQL1815-02	12/28/07 14:07
1,4-Dichlorobenzene	ND	64.7	M7	ug/L	50.0	129%	80 - 126	1	19	7124709	NQL1815-02	12/28/07 14:07
1,3-Dichlorobenzene	ND	68.0	M7	ug/L	50.0	136%	75 - 132	1	18	7124709	NQL1815-02	12/28/07 14:07
1,2-Dichlorobenzene	ND	63.7		ug/L	50.0	127%	80 - 130	5	23	7124709	NQL1815-02	12/28/07 14:07
Dichlorodifluoromethane	ND	41.8		ug/L	50.0	84%	36 - 146	5	14	7124709	NQL1815-02	12/28/07 14:07
1,1-Dichloroethane	ND	63.0		ug/L	50.0	126%	76 - 131	4	15	7124709	NQL1815-02	12/28/07 14:07
1,2-Dichloroethane	ND	62.9		ug/L	50.0	126%	53 - 146	5	26	7124709	NQL1815-02	12/28/07 14:07
cis-1,2-Dichloroethene	ND	61.8		ug/L	50.0	124%	76 - 141	3	14	7124709	NQL1815-02	12/28/07 14:07
1,1-Dichloroethene	ND	64.8		ug/L	50.0	130%	63 - 157	4	26	7124709	NQL1815-02	12/28/07 14:07
trans-1,2-Dichloroethene	ND	63.3		ug/L	50.0	127%	78 - 137	4	14	7124709	NQL1815-02	12/28/07 14:07
1,3-Dichloropropane	ND	58.6		ug/L	50.0	117%	76 - 130	4	21	7124709	NQL1815-02	12/28/07 14:07
1,2-Dichloropropane	ND	58.7		ug/L	50.0	117%	77 - 128	4	16	7124709	NQL1815-02	12/28/07 14:07
2,2-Dichloropropane	ND	57.0		ug/L	50.0	114%	62 - 145	5	14	7124709	NQL1815-02	12/28/07 14:07
cis-1,3-Dichloropropene	ND	60.5		ug/L	50.0	121%	71 - 140	5	19	7124709	NQL1815-02	12/28/07 14:07
trans-1,3-Dichloropropene	ND	57.1		ug/L	50.0	114%	65 - 137	6	20	7124709	NQL1815-02	12/28/07 14:07
1,1-Dichloropropene	ND	65.7		ug/L	50.0	131%	80 - 136	4	14	7124709	NQL1815-02	12/28/07 14:07
Ethylbenzene	ND	63.9		ug/L	50.0	128%	80 - 135	2	17	7124709	NQL1815-02	12/28/07 14:07
Hexachlorobutadiene	ND	58.8		ug/L	50.0	118%	48 - 155	0.08	34	7124709	NQL1815-02	12/28/07 14:07
2-Hexanone	ND	270		ug/L	250	108%	58 - 154	3	34	7124709	NQL1815-02	12/28/07 14:07
Isopropylbenzene	ND	66.5		ug/L	50.0	133%	80 - 135	3	18	7124709	NQL1815-02	12/28/07 14:07
p-Isopropyltoluene	ND	77.8	M7	ug/L	50.0	156%	74 - 139	0.7	17	7124709	NQL1815-02	12/28/07 14:07
Methyl tert-Butyl Ether	ND	54.9		ug/L	50.0	110%	60 - 144	5	32	7124709	NQL1815-02	12/28/07 14:07
Methylene Chloride	ND	53.1		ug/L	50.0	106%	64 - 140	3	18	7124709	NQL1815-02	12/28/07 14:07
4-Methyl-2-pentanone	ND	288		ug/L	250	115%	55 - 153	3	31	7124709	NQL1815-02	12/28/07 14:07
Naphthalene	ND	54.1		ug/L	50.0	108%	50 - 154	0.2	39	7124709	NQL1815-02	12/28/07 14:07
n-Propylbenzene	ND	72.8	M7	ug/L	50.0	146%	78 - 141	2	17	7124709	NQL1815-02	12/28/07 14:07
Styrene	ND	60.4		ug/L	50.0	121%	80 - 139	2	16	7124709	NQL1815-02	12/28/07 14:07
1,1,1,2-Tetrachloroethane	ND	61.3		ug/L	50.0	123%	75 - 140	4	17	7124709	NQL1815-02	12/28/07 14:07
1,1,2,2-Tetrachloroethane	ND	59.0		ug/L	50.0	118%	55 - 152	2	28	7124709	NQL1815-02	12/28/07 14:07
Tetrachloroethene	ND	57.0		ug/L	50.0	114%	67 - 150	3	27	7124709	NQL1815-02	12/28/07 14:07
Toluene	ND	62.7		ug/L	50.0	125%	75 - 139	3	19	7124709	NQL1815-02	12/28/07 14:07

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7124709-MSD1												
1,2,3-Trichlorobenzene	ND	58.3		ug/L	50.0	117%	49 - 144	1	31	7124709	NQL1815-02	12/28/07 14:07
1,2,4-Trichlorobenzene	ND	56.4		ug/L	50.0	113%	55 - 135	0.6	26	7124709	NQL1815-02	12/28/07 14:07
1,1,2-Trichloroethane	ND	59.8		ug/L	50.0	120%	77 - 128	5	21	7124709	NQL1815-02	12/28/07 14:07
1,1,1-Trichloroethane	ND	63.0		ug/L	50.0	126%	80 - 136	5	16	7124709	NQL1815-02	12/28/07 14:07
Trichloroethene	ND	59.5		ug/L	50.0	119%	57 - 158	4	28	7124709	NQL1815-02	12/28/07 14:07
Trichlorofluoromethane	ND	65.9		ug/L	50.0	132%	68 - 145	5	20	7124709	NQL1815-02	12/28/07 14:07
1,2,3-Trichloropropane	ND	53.4		ug/L	50.0	107%	55 - 137	3	26	7124709	NQL1815-02	12/28/07 14:07
1,3,5-Trimethylbenzene	ND	71.6	M7	ug/L	50.0	143%	78 - 136	2	16	7124709	NQL1815-02	12/28/07 14:07
1,2,4-Trimethylbenzene	ND	70.6		ug/L	50.0	141%	70 - 143	2	22	7124709	NQL1815-02	12/28/07 14:07
Vinyl chloride	ND	50.3		ug/L	50.0	101%	49 - 156	3	26	7124709	NQL1815-02	12/28/07 14:07
Xylenes, total	ND	202		ug/L	150	135%	80 - 136	4	18	7124709	NQL1815-02	12/28/07 14:07
Surrogate: 1,2-Dichloroethane-d4		29.7		ug/L	30.0	99%	60 - 140			7124709	NQL1815-02	12/28/07 14:07
Surrogate: Dibromofluoromethane		27.8		ug/L	30.0	93%	75 - 124			7124709	NQL1815-02	12/28/07 14:07
Surrogate: Toluene-d8		28.5		ug/L	30.0	95%	78 - 121			7124709	NQL1815-02	12/28/07 14:07
Surrogate: 4-Bromofluorobenzene		26.6		ug/L	30.0	89%	79 - 124			7124709	NQL1815-02	12/28/07 14:07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1614
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

DATA QUALIFIERS AND DEFINITIONS

CF6	Results confirmed by reanalysis.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER REC

NQL1614

Cooler Received/Opened On: 12/14/07 @8:05

1. Tracking # 5000 (last 4 digits, FedEx)

Fed-Ex:_____ IR Gun ID: 92171982

2. Temperature of rep. sample or temp blank when opened: 2.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

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

If yes, how many and where:_____

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

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

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

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

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? (YES)...NO...NA

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

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest 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_____

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

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

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997) | TA Account #: 63036 | PO #: Must have
Address: 1725 Louisville Drive | Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
City, State, Zip: Knoxville TN 37921 | Report to: Joe Deatherage
Client Invoice Contact: Accounts Payable | Project Name: Former Taylor Instruments
Client Project Mgr: Joe Deatherage | Facility ID: [none]
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026 | Site Address:
Sampler Name (Print) Joe Deatherage | City,State,Zip: New York
SamplerSignature: Joe Deatherage | Regulatory District (CA):

NQL1614
01/02/08 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
TW-17	~~12-12-07~~ 1030	1030	3	X					X						X						X	NQL 1614-01
BR-10	12-12-07	1140	3	X					X						X						X	02
OB-09		1345	3	X					X						X						X	03
BR-15		1455	3	X					X						X						X	04
BR-04		1535	3	X					X						X						X	05
OB-05	↓	1625	3	X					X						X						X	06
QATB02	12-13-07	0745	1	X					X						X						X	07
QAFB02		0800	3	X					X						X						X	08
QARB02		0830	3	X					X						X						X	09
BR-05	↓	0920	3	X					X						X						X	10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: *BO # 7819*
QATB02 is a trip blank

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
	12.14.07	0805	2.4		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997)
Address: 1725 Louisville Drive
City, State, Zip: Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCl	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
BR-05 (MS)	12-13-07	0925	3	X					X						X						X	10
BR-05 (MSD)		0930	3	X					X						X						X	4
TW-09		1020	3	X					X						X						X	11
OB-08		1200	3	X					X						X						X	12
W-5		1335	3	X					X						X						X	13
W-5 (DUP)		1340	3	X					X						X						X	14
OB-04		1425	3	X					X						X						X	15

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
BR-05 (MS) is a matrix spike
BR-05 (MSD) is a matrix spike duplicate

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by:	Date: 12/14/07 Time: 0825	Temperature Upon Receipt: 2.4c	Sample Containers Intact? Y N VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

December 27, 2007 12:25:51PM

Client: MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn: Joe Deatherage

Work Order: NQL1636
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: Must have
Date Received: 12/14/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
BR-06	NQL1636-01	12/10/07 11:18
BR-01	NQL1636-02	12/10/07 13:10
BR-07	NQL1636-03	12/10/07 14:20
BR-07(DUP)	NQL1636-04	12/10/07 14:25
BR-02	NQL1636-05	12/10/07 15:15
TW-07	NQL1636-06	12/10/07 16:10
QAFB01	NQL1636-07	12/10/07 16:25
QARB01	NQL1636-08	12/10/07 16:30
QATB01	NQL1636-09	12/11/07 07:40
TW-20	NQL1636-10	12/11/07 08:30
TW-04	NQL1636-11	12/11/07 09:55
BR-17	NQL1636-12	12/11/07 11:55
BR-08	NQL1636-13	12/11/07 13:20
BR-11	NQL1636-14	12/11/07 14:20
OB-07	NQL1636-15	12/11/07 15:20
BR-03	NQL1636-16	12/11/07 16:20
OB-06	NQL1636-17	12/12/07 09:00
BR-09	NQL1636-18	12/12/07 09:40

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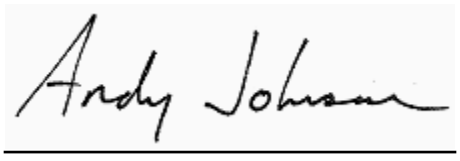
New York Certification Number: 11342
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:



TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

Andy Johnson

Operations Manager

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Sample ID: NQL1636-01 (BR-06 - Water) Sampled: 12/10/07 11:18

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	12/22/07 03:11	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 03:11	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 03:11	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-01 (BR-06 - Water) - cont. Sampled: 12/10/07 11:18								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 03:11	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 03:11	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 03:11	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 03:11	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 03:11	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/22/07 03:11*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 03:11*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 03:11*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 03:11*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-02 (BR-01 - Water) Sampled: 12/10/07 13:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 03:35	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 03:35	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
cis-1,2-Dichloroethene	**70.6**		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
trans-1,2-Dichloroethene	**4.33**		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 03:35	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-02 (BR-01 - Water) - cont. Sampled: 12/10/07 13:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 03:35	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 03:35	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 03:35	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 03:35	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 03:35	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*94 %*					*12/22/07 03:35*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/22/07 03:35*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/22/07 03:35*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*96 %*					*12/22/07 03:35*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-03 (BR-07 - Water) Sampled: 12/10/07 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 04:00	SW846 8260B	7123398
Benzene	**1.82**		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 04:00	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
cis-1,2-Dichloroethene	**5.45**		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
trans-1,2-Dichloroethene	**7.07**		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 04:00	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-03 (BR-07 - Water) - cont. Sampled: 12/10/07 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 04:00	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 04:00	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 04:00	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Vinyl chloride	**14.8**		ug/L	1.00	1	12/22/07 04:00	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 04:00	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 04:00*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/22/07 04:00*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 04:00*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 04:00*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-04 (BR-07(DUP) - Water) Sampled: 12/10/07 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 04:24	SW846 8260B	7123398
Benzene	**1.89**		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 04:24	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
cis-1,2-Dichloroethene	**5.20**		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
trans-1,2-Dichloroethene	**7.16**		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 04:24	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-04 (BR-07(DUP) - Water) - cont. Sampled: 12/10/07 14:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 04:24	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 04:24	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 04:24	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Vinyl chloride	**14.4**		ug/L	1.00	1	12/22/07 04:24	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 04:24	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*12/22/07 04:24*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/22/07 04:24*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 04:24*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 04:24*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-05 (BR-02 - Water) Sampled: 12/10/07 15:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 04:49	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 04:49	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
cis-1,2-Dichloroethene	**38.6**		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
trans-1,2-Dichloroethene	**14.1**		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 04:49	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-05 (BR-02 - Water) - cont. Sampled: 12/10/07 15:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 04:49	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 04:49	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 04:49	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Trichloroethene	**134**		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 04:49	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 04:49	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/22/07 04:49*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/22/07 04:49*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/22/07 04:49*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 04:49*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-06 (TW-07 - Water) Sampled: 12/10/07 16:10								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 05:14	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 05:14	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
cis-1,2-Dichloroethene	**3.85**		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
trans-1,2-Dichloroethene	**4.24**		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 05:14	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-06 (TW-07 - Water) - cont. Sampled: 12/10/07 16:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 05:14	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 05:14	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 05:14	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Trichloroethene	**20.1**		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 05:14	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 05:14	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 05:14*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/22/07 05:14*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 05:14*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 05:14*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-07 (QAFB01 - Water) Sampled: 12/10/07 16:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 05:38	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Bromodichloromethane	**2.03**		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 05:38	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Chloroform	**3.34**		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 05:38	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-07 (QAFB01 - Water) - cont. Sampled: 12/10/07 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 05:38	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 05:38	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 05:38	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 05:38	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 05:38	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*12/22/07 05:38*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/22/07 05:38*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*89 %*					*12/22/07 05:38*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/22/07 05:38*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-08 (QARB01 - Water) Sampled: 12/10/07 16:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 06:03	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Bromodichloromethane	**1.85**		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 06:03	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Chloroform	**3.19**		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 06:03	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-08 (QARB01 - Water) - cont. Sampled: 12/10/07 16:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 06:03	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 06:03	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 06:03	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 06:03	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 06:03	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 06:03*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/22/07 06:03*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 06:03*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/22/07 06:03*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-09 (QATB01 - Water) Sampled: 12/11/07 07:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 06:27	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 06:27	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 06:27	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-09 (QATB01 - Water) - cont. Sampled: 12/11/07 07:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 06:27	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 06:27	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 06:27	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Trichloroethene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 06:27	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 06:27	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 06:27*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/22/07 06:27*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 06:27*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*95 %*					*12/22/07 06:27*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-10 (TW-20 - Water) Sampled: 12/11/07 08:30								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 06:52	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 06:52	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 06:52	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-10 (TW-20 - Water) - cont. Sampled: 12/11/07 08:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 06:52	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 06:52	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 06:52	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Trichloroethene	**4.58**		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 06:52	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 06:52	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 06:52*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/22/07 06:52*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 06:52*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*94 %*					*12/22/07 06:52*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-11 (TW-04 - Water) Sampled: 12/11/07 09:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 07:17	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 07:17	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 07:17	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-11 (TW-04 - Water) - cont. Sampled: 12/11/07 09:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 07:17	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 07:17	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 07:17	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Trichloroethene	**15.2**		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 07:17	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 07:17	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 07:17*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 07:17*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/22/07 07:17*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 07:17*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-12 (BR-17 - Water) Sampled: 12/11/07 11:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 07:41	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 07:41	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
cis-1,2-Dichloroethene	**3.51**		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 07:41	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-12 (BR-17 - Water) - cont. Sampled: 12/11/07 11:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 07:41	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 07:41	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 07:41	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Trichloroethene	**9.06**		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 07:41	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 07:41	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/22/07 07:41*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 07:41*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 07:41*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*92 %*					*12/22/07 07:41*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-13 (BR-08 - Water) Sampled: 12/11/07 13:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 08:06	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 08:06	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
cis-1,2-Dichloroethene	**75.1**		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
trans-1,2-Dichloroethene	**3.45**		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 08:06	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-13 (BR-08 - Water) - cont. Sampled: 12/11/07 13:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 08:06	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 08:06	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 08:06	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Trichloroethene	**3.91**		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Vinyl chloride	**5.25**		ug/L	1.00	1	12/22/07 08:06	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 08:06	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*97 %*					*12/22/07 08:06*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 08:06*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 08:06*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 08:06*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-14 (BR-11 - Water) Sampled: 12/11/07 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 08:30	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 08:30	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
cis-1,2-Dichloroethene	**61.8**		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
trans-1,2-Dichloroethene	**7.80**		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 08:30	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-14 (BR-11 - Water) - cont. Sampled: 12/11/07 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 08:30	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 08:30	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 08:30	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Trichloroethene	**3.94**		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Vinyl chloride	**3.91**		ug/L	1.00	1	12/22/07 08:30	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 08:30	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 08:30*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 08:30*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 08:30*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 08:30*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-15 (OB-07 - Water) Sampled: 12/11/07 15:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 08:55	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Bromoform	ND	M8	ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 08:55	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND	M8	ug/L	5.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 08:55	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
p-Isopropyltoluene	ND	M7	ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-15 (OB-07 - Water) - cont. Sampled: 12/11/07 15:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 08:55	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 08:55	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 08:55	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Trichloroethene	**10.2**		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 08:55	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 08:55	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 08:55*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*90 %*					*12/22/07 08:55*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*90 %*					*12/22/07 08:55*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 08:55*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-16 (BR-03 - Water) Sampled: 12/11/07 16:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 09:20	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 09:20	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
cis-1,2-Dichloroethene	**21.8**		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 09:20	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-16 (BR-03 - Water) - cont. Sampled: 12/11/07 16:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 09:20	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 09:20	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 09:20	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Trichloroethene	**35.4**		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 09:20	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 09:20	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 09:20*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*91 %*					*12/22/07 09:20*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/22/07 09:20*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 09:20*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-17 (OB-06 - Water) Sampled: 12/12/07 09:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 09:44	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 09:44	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
cis-1,2-Dichloroethene	**3.31**		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 09:44	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398

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Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-17 (OB-06 - Water) - cont. Sampled: 12/12/07 09:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 09:44	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 09:44	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 09:44	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Trichloroethene	**82.9**		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 09:44	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 09:44	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*95 %*					*12/22/07 09:44*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*89 %*					*12/22/07 09:44*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*91 %*					*12/22/07 09:44*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 09:44*	*SW846 8260B*	*7123398*

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-18 (BR-09 - Water) Sampled: 12/12/07 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	12/22/07 10:09	SW846 8260B	7123398
Benzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Bromobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Bromochloromethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Bromodichloromethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Bromoform	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Bromomethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
2-Butanone	ND		ug/L	50.0	1	12/22/07 10:09	SW846 8260B	7123398
sec-Butylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
n-Butylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
tert-Butylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Carbon disulfide	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Carbon Tetrachloride	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Chlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Chlorodibromomethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Chloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Chloroform	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Chloromethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
2-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
4-Chlorotoluene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Dibromomethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,4-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,3-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2-Dichlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Dichlorodifluoromethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1-Dichloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2-Dichloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
cis-1,2-Dichloroethene	**2.14**		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1-Dichloroethene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,3-Dichloropropane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
2,2-Dichloropropane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1-Dichloropropene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Ethylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Hexachlorobutadiene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
2-Hexanone	ND		ug/L	50.0	1	12/22/07 10:09	SW846 8260B	7123398
Isopropylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
p-Isopropyltoluene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL1636-18 (BR-09 - Water) - cont. Sampled: 12/12/07 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Methylene Chloride	ND		ug/L	5.00	1	12/22/07 10:09	SW846 8260B	7123398
4-Methyl-2-pentanone	ND		ug/L	10.0	1	12/22/07 10:09	SW846 8260B	7123398
Naphthalene	ND		ug/L	5.00	1	12/22/07 10:09	SW846 8260B	7123398
n-Propylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Styrene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Tetrachloroethene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Toluene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1,2-Trichloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,1,1-Trichloroethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Trichloroethene	**1.28**		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Trichlorofluoromethane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2,3-Trichloropropane	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Vinyl chloride	ND		ug/L	1.00	1	12/22/07 10:09	SW846 8260B	7123398
Xylenes, total	ND		ug/L	3.00	1	12/22/07 10:09	SW846 8260B	7123398
Surr: 1,2-Dichloroethane-d4 (60-140%)	*96 %*					*12/22/07 10:09*	*SW846 8260B*	*7123398*
Surr: Dibromofluoromethane (75-124%)	*92 %*					*12/22/07 10:09*	*SW846 8260B*	*7123398*
Surr: Toluene-d8 (78-121%)	*92 %*					*12/22/07 10:09*	*SW846 8260B*	*7123398*
Surr: 4-Bromofluorobenzene (79-124%)	*93 %*					*12/22/07 10:09*	*SW846 8260B*	*7123398*

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7123398-BLK1						
Acetone	<25.0		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Benzene	<0.270		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Bromobenzene	<0.360		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Bromochloromethane	<0.400		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Bromodichloromethane	<0.350		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Bromoform	<0.430		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Bromomethane	<0.420		ug/L	7123398	7123398-BLK1	12/22/07 02:46
2-Butanone	<2.40		ug/L	7123398	7123398-BLK1	12/22/07 02:46
sec-Butylbenzene	<0.140		ug/L	7123398	7123398-BLK1	12/22/07 02:46
n-Butylbenzene	<0.280		ug/L	7123398	7123398-BLK1	12/22/07 02:46
tert-Butylbenzene	<0.330		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Carbon disulfide	<0.380		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Carbon Tetrachloride	<0.350		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Chlorobenzene	<0.180		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Chlorodibromomethane	<0.280		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Chloroethane	<0.450		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Chloroform	<0.280		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Chloromethane	<0.380		ug/L	7123398	7123398-BLK1	12/22/07 02:46
2-Chlorotoluene	<0.300		ug/L	7123398	7123398-BLK1	12/22/07 02:46
4-Chlorotoluene	<0.330		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2-Dibromo-3-chloropropane	<0.860		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2-Dibromoethane (EDB)	<0.390		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Dibromomethane	<0.350		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,4-Dichlorobenzene	<0.380		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,3-Dichlorobenzene	<0.350		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2-Dichlorobenzene	<0.500		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Dichlorodifluoromethane	<0.460		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1-Dichloroethane	<0.540		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2-Dichloroethane	<0.370		ug/L	7123398	7123398-BLK1	12/22/07 02:46
cis-1,2-Dichloroethene	<0.390		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1-Dichloroethene	<0.340		ug/L	7123398	7123398-BLK1	12/22/07 02:46
trans-1,2-Dichloroethene	<0.470		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,3-Dichloropropane	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2-Dichloropropane	<0.320		ug/L	7123398	7123398-BLK1	12/22/07 02:46
2,2-Dichloropropane	<0.420		ug/L	7123398	7123398-BLK1	12/22/07 02:46
cis-1,3-Dichloropropene	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
trans-1,3-Dichloropropene	<0.330		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1-Dichloropropene	<0.310		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Ethylbenzene	<0.240		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Hexachlorobutadiene	<0.910		ug/L	7123398	7123398-BLK1	12/22/07 02:46
2-Hexanone	<16.7		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Isopropylbenzene	<0.300		ug/L	7123398	7123398-BLK1	12/22/07 02:46

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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						
7123398-BLK1						
p-Isopropyltoluene	<0.220		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Methyl tert-Butyl Ether	<0.420		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Methylene Chloride	1.22		ug/L	7123398	7123398-BLK1	12/22/07 02:46
4-Methyl-2-pentanone	<3.49		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Naphthalene	0.660		ug/L	7123398	7123398-BLK1	12/22/07 02:46
n-Propylbenzene	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Styrene	<0.330		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1,1,2-Tetrachloroethane	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1,2,2-Tetrachloroethane	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Tetrachloroethene	<0.230		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Toluene	<0.280		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2,3-Trichlorobenzene	<0.940		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2,4-Trichlorobenzene	<0.500		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1,2-Trichloroethane	<0.400		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,1,1-Trichloroethane	<0.370		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Trichloroethene	<0.230		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Trichlorofluoromethane	<0.350		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2,3-Trichloropropane	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,3,5-Trimethylbenzene	<0.160		ug/L	7123398	7123398-BLK1	12/22/07 02:46
1,2,4-Trimethylbenzene	<0.170		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Vinyl chloride	<0.290		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Xylenes, total	<0.860		ug/L	7123398	7123398-BLK1	12/22/07 02:46
Surrogate: 1,2-Dichloroethane-d4	94%			7123398	7123398-BLK1	12/22/07 02:46
Surrogate: Dibromofluoromethane	89%			7123398	7123398-BLK1	12/22/07 02:46
Surrogate: Toluene-d8	89%			7123398	7123398-BLK1	12/22/07 02:46
Surrogate: 4-Bromofluorobenzene	95%			7123398	7123398-BLK1	12/22/07 02:46

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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								
7123398-BS1								
Acetone	250	262		ug/L	105%	62 - 150	7123398	12/22/07 01:08
Benzene	50.0	55.2		ug/L	110%	80 - 137	7123398	12/22/07 01:08
Bromobenzene	50.0	53.7		ug/L	107%	74 - 131	7123398	12/22/07 01:08
Bromochloromethane	50.0	53.7		ug/L	107%	80 - 128	7123398	12/22/07 01:08
Bromodichloromethane	50.0	55.7		ug/L	111%	80 - 129	7123398	12/22/07 01:08
Bromoform	50.0	37.9		ug/L	76%	69 - 127	7123398	12/22/07 01:08
Bromomethane	50.0	54.0		ug/L	108%	62 - 148	7123398	12/22/07 01:08
2-Butanone	250	250		ug/L	100%	77 - 141	7123398	12/22/07 01:08
sec-Butylbenzene	50.0	61.0		ug/L	122%	78 - 133	7123398	12/22/07 01:08
n-Butylbenzene	50.0	61.9		ug/L	124%	72 - 136	7123398	12/22/07 01:08
tert-Butylbenzene	50.0	59.2		ug/L	118%	77 - 135	7123398	12/22/07 01:08
Carbon disulfide	50.0	51.9		ug/L	104%	80 - 126	7123398	12/22/07 01:08
Carbon Tetrachloride	50.0	52.4		ug/L	105%	76 - 143	7123398	12/22/07 01:08
Chlorobenzene	50.0	52.6		ug/L	105%	80 - 120	7123398	12/22/07 01:08
Chlorodibromomethane	50.0	44.8		ug/L	90%	76 - 123	7123398	12/22/07 01:08
Chloroethane	50.0	52.0		ug/L	104%	77 - 127	7123398	12/22/07 01:08
Chloroform	50.0	56.7		ug/L	113%	80 - 133	7123398	12/22/07 01:08
Chloromethane	50.0	40.0		ug/L	80%	33 - 125	7123398	12/22/07 01:08
2-Chlorotoluene	50.0	56.0		ug/L	112%	80 - 127	7123398	12/22/07 01:08
4-Chlorotoluene	50.0	55.3		ug/L	111%	80 - 127	7123398	12/22/07 01:08
1,2-Dibromo-3-chloropropane	50.0	32.9		ug/L	66%	60 - 136	7123398	12/22/07 01:08
1,2-Dibromoethane (EDB)	50.0	51.5		ug/L	103%	80 - 125	7123398	12/22/07 01:08
Dibromomethane	50.0	54.0		ug/L	108%	80 - 124	7123398	12/22/07 01:08
1,4-Dichlorobenzene	50.0	53.0		ug/L	106%	80 - 120	7123398	12/22/07 01:08
1,3-Dichlorobenzene	50.0	54.7		ug/L	109%	80 - 123	7123398	12/22/07 01:08
1,2-Dichlorobenzene	50.0	53.9		ug/L	108%	80 - 122	7123398	12/22/07 01:08
Dichlorodifluoromethane	50.0	30.1		ug/L	60%	36 - 120	7123398	12/22/07 01:08
1,1-Dichloroethane	50.0	55.2		ug/L	110%	76 - 130	7123398	12/22/07 01:08
1,2-Dichloroethane	50.0	58.4		ug/L	117%	69 - 136	7123398	12/22/07 01:08
cis-1,2-Dichloroethene	50.0	56.4		ug/L	113%	80 - 129	7123398	12/22/07 01:08
1,1-Dichloroethene	50.0	54.6		ug/L	109%	80 - 127	7123398	12/22/07 01:08
trans-1,2-Dichloroethene	50.0	55.8		ug/L	112%	80 - 131	7123398	12/22/07 01:08
1,3-Dichloropropane	50.0	52.7		ug/L	105%	80 - 122	7123398	12/22/07 01:08
1,2-Dichloropropane	50.0	51.9		ug/L	104%	80 - 120	7123398	12/22/07 01:08
2,2-Dichloropropane	50.0	48.5		ug/L	97%	62 - 142	7123398	12/22/07 01:08
cis-1,3-Dichloropropene	50.0	53.3		ug/L	107%	76 - 135	7123398	12/22/07 01:08
trans-1,3-Dichloropropene	50.0	51.6		ug/L	103%	70 - 137	7123398	12/22/07 01:08
1,1-Dichloropropene	50.0	56.9		ug/L	114%	80 - 127	7123398	12/22/07 01:08
Ethylbenzene	50.0	55.7		ug/L	111%	80 - 128	7123398	12/22/07 01:08
Hexachlorobutadiene	50.0	50.3		ug/L	101%	68 - 148	7123398	12/22/07 01:08
2-Hexanone	250	241		ug/L	97%	69 - 148	7123398	12/22/07 01:08

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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								
7123398-BS1								
Isopropylbenzene	50.0	53.9		ug/L	108%	80 - 121	7123398	12/22/07 01:08
p-Isopropyltoluene	50.0	60.2		ug/L	120%	79 - 127	7123398	12/22/07 01:08
Methyl tert-Butyl Ether	50.0	48.5		ug/L	97%	70 - 129	7123398	12/22/07 01:08
Methylene Chloride	50.0	49.8		ug/L	100%	76 - 135	7123398	12/22/07 01:08
4-Methyl-2-pentanone	250	257		ug/L	103%	67 - 143	7123398	12/22/07 01:08
Naphthalene	50.0	40.4		ug/L	81%	62 - 141	7123398	12/22/07 01:08
n-Propylbenzene	50.0	58.7		ug/L	117%	80 - 132	7123398	12/22/07 01:08
Styrene	50.0	60.0		ug/L	120%	80 - 139	7123398	12/22/07 01:08
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/L	104%	80 - 135	7123398	12/22/07 01:08
1,1,2,2-Tetrachloroethane	50.0	50.6		ug/L	101%	65 - 145	7123398	12/22/07 01:08
Tetrachloroethene	50.0	48.8		ug/L	98%	80 - 125	7123398	12/22/07 01:08
Toluene	50.0	54.3		ug/L	109%	80 - 125	7123398	12/22/07 01:08
1,2,3-Trichlorobenzene	50.0	42.2		ug/L	84%	57 - 144	7123398	12/22/07 01:08
1,2,4-Trichlorobenzene	50.0	47.0		ug/L	94%	60 - 140	7123398	12/22/07 01:08
1,1,2-Trichloroethane	50.0	54.0		ug/L	108%	80 - 122	7123398	12/22/07 01:08
1,1,1-Trichloroethane	50.0	55.6		ug/L	111%	80 - 131	7123398	12/22/07 01:08
Trichloroethene	50.0	54.6		ug/L	109%	80 - 131	7123398	12/22/07 01:08
Trichlorofluoromethane	50.0	47.9		ug/L	96%	68 - 125	7123398	12/22/07 01:08
1,2,3-Trichloropropane	50.0	42.9		ug/L	86%	60 - 127	7123398	12/22/07 01:08
1,3,5-Trimethylbenzene	50.0	59.0		ug/L	118%	80 - 129	7123398	12/22/07 01:08
1,2,4-Trimethylbenzene	50.0	58.8		ug/L	118%	80 - 128	7123398	12/22/07 01:08
Vinyl chloride	50.0	45.8		ug/L	92%	69 - 120	7123398	12/22/07 01:08
Xylenes, total	150	172		ug/L	115%	80 - 129	7123398	12/22/07 01:08
Surrogate: 1,2-Dichloroethane-d4	30.0	28.0			93%	60 - 140	7123398	12/22/07 01:08
Surrogate: Dibromofluoromethane	30.0	27.6			92%	75 - 124	7123398	12/22/07 01:08
Surrogate: Toluene-d8	30.0	27.3			91%	78 - 121	7123398	12/22/07 01:08
Surrogate: 4-Bromofluorobenzene	30.0	27.2			91%	79 - 124	7123398	12/22/07 01:08

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123398-BSD1												
Acetone		276		ug/L	250	111%	62 - 150	5	29	7123398		12/22/07 01:32
Benzene		55.8		ug/L	50.0	112%	80 - 137	1	23	7123398		12/22/07 01:32
Bromobenzene		55.1		ug/L	50.0	110%	74 - 131	3	18	7123398		12/22/07 01:32
Bromochloromethane		53.8		ug/L	50.0	108%	80 - 128	0.2	18	7123398		12/22/07 01:32
Bromodichloromethane		57.4		ug/L	50.0	115%	80 - 129	3	18	7123398		12/22/07 01:32
Bromoform		41.0		ug/L	50.0	82%	69 - 127	8	24	7123398		12/22/07 01:32
Bromomethane		55.7		ug/L	50.0	111%	62 - 148	3	45	7123398		12/22/07 01:32
2-Butanone		262		ug/L	250	105%	77 - 141	5	36	7123398		12/22/07 01:32
sec-Butylbenzene		63.3		ug/L	50.0	127%	78 - 133	4	17	7123398		12/22/07 01:32
n-Butylbenzene		65.0		ug/L	50.0	130%	72 - 136	5	18	7123398		12/22/07 01:32
tert-Butylbenzene		60.9		ug/L	50.0	122%	77 - 135	3	17	7123398		12/22/07 01:32
Carbon disulfide		52.0		ug/L	50.0	104%	80 - 126	0.3	16	7123398		12/22/07 01:32
Carbon Tetrachloride		55.3		ug/L	50.0	111%	76 - 143	5	29	7123398		12/22/07 01:32
Chlorobenzene		53.6		ug/L	50.0	107%	80 - 120	2	27	7123398		12/22/07 01:32
Chlorodibromomethane		47.7		ug/L	50.0	95%	76 - 123	6	21	7123398		12/22/07 01:32
Chloroethane		52.0		ug/L	50.0	104%	77 - 127	0.02	32	7123398		12/22/07 01:32
Chloroform		57.4		ug/L	50.0	115%	80 - 133	1	28	7123398		12/22/07 01:32
Chloromethane		40.0		ug/L	50.0	80%	33 - 125	0.2	21	7123398		12/22/07 01:32
2-Chlorotoluene		57.9		ug/L	50.0	116%	80 - 127	3	16	7123398		12/22/07 01:32
4-Chlorotoluene		56.6		ug/L	50.0	113%	80 - 127	2	17	7123398		12/22/07 01:32
1,2-Dibromo-3-chloropropane		36.4		ug/L	50.0	73%	60 - 136	10	29	7123398		12/22/07 01:32
1,2-Dibromoethane (EDB)		52.9		ug/L	50.0	106%	80 - 125	3	21	7123398		12/22/07 01:32
Dibromomethane		55.1		ug/L	50.0	110%	80 - 124	2	20	7123398		12/22/07 01:32
1,4-Dichlorobenzene		56.1		ug/L	50.0	112%	80 - 120	6	19	7123398		12/22/07 01:32
1,3-Dichlorobenzene		57.0		ug/L	50.0	114%	80 - 123	4	18	7123398		12/22/07 01:32
1,2-Dichlorobenzene		56.9		ug/L	50.0	114%	80 - 122	5	23	7123398		12/22/07 01:32
Dichlorodifluoromethane		30.0		ug/L	50.0	60%	36 - 120	0.5	14	7123398		12/22/07 01:32
1,1-Dichloroethane		55.4		ug/L	50.0	111%	76 - 130	0.4	15	7123398		12/22/07 01:32
1,2-Dichloroethane		58.8		ug/L	50.0	118%	69 - 136	0.7	26	7123398		12/22/07 01:32
cis-1,2-Dichloroethene		56.8		ug/L	50.0	114%	80 - 129	0.6	14	7123398		12/22/07 01:32
1,1-Dichloroethene		55.2		ug/L	50.0	110%	80 - 127	1	26	7123398		12/22/07 01:32
trans-1,2-Dichloroethene		56.9		ug/L	50.0	114%	80 - 131	2	14	7123398		12/22/07 01:32
1,3-Dichloropropane		54.0		ug/L	50.0	108%	80 - 122	2	21	7123398		12/22/07 01:32
1,2-Dichloropropane		52.3		ug/L	50.0	105%	80 - 120	0.7	16	7123398		12/22/07 01:32
2,2-Dichloropropane		49.5		ug/L	50.0	99%	62 - 142	2	14	7123398		12/22/07 01:32
cis-1,3-Dichloropropene		54.7		ug/L	50.0	109%	76 - 135	3	19	7123398		12/22/07 01:32
trans-1,3-Dichloropropene		54.1		ug/L	50.0	108%	70 - 137	5	20	7123398		12/22/07 01:32
1,1-Dichloropropene		57.5		ug/L	50.0	115%	80 - 127	1	14	7123398		12/22/07 01:32
Ethylbenzene		56.7		ug/L	50.0	113%	80 - 128	2	17	7123398		12/22/07 01:32
Hexachlorobutadiene		57.5		ug/L	50.0	115%	68 - 148	13	34	7123398		12/22/07 01:32
2-Hexanone		254		ug/L	250	102%	69 - 148	5	34	7123398		12/22/07 01:32

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123398-BSD1												
Isopropylbenzene		55.1		ug/L	50.0	110%	80 - 121	2	18	7123398		12/22/07 01:32
p-Isopropyltoluene		62.2		ug/L	50.0	124%	79 - 127	3	17	7123398		12/22/07 01:32
Methyl tert-Butyl Ether		50.2		ug/L	50.0	100%	70 - 129	3	32	7123398		12/22/07 01:32
Methylene Chloride		49.3		ug/L	50.0	99%	76 - 135	1	18	7123398		12/22/07 01:32
4-Methyl-2-pentanone		267		ug/L	250	107%	67 - 143	4	31	7123398		12/22/07 01:32
Naphthalene		53.3		ug/L	50.0	107%	62 - 141	28	39	7123398		12/22/07 01:32
n-Propylbenzene		60.0		ug/L	50.0	120%	80 - 132	2	17	7123398		12/22/07 01:32
Styrene		60.6		ug/L	50.0	121%	80 - 139	1	16	7123398		12/22/07 01:32
1,1,1,2-Tetrachloroethane		53.9		ug/L	50.0	108%	80 - 135	4	17	7123398		12/22/07 01:32
1,1,2,2-Tetrachloroethane		52.7		ug/L	50.0	105%	65 - 145	4	28	7123398		12/22/07 01:32
Tetrachloroethene		49.0		ug/L	50.0	98%	80 - 125	0.3	27	7123398		12/22/07 01:32
Toluene		54.4		ug/L	50.0	109%	80 - 125	0.3	19	7123398		12/22/07 01:32
1,2,3-Trichlorobenzene		55.5		ug/L	50.0	111%	57 - 144	27	31	7123398		12/22/07 01:32
1,2,4-Trichlorobenzene		55.6		ug/L	50.0	111%	60 - 140	17	26	7123398		12/22/07 01:32
1,1,2-Trichloroethane		54.9		ug/L	50.0	110%	80 - 122	2	21	7123398		12/22/07 01:32
1,1,1-Trichloroethane		56.5		ug/L	50.0	113%	80 - 131	2	16	7123398		12/22/07 01:32
Trichloroethene		55.6		ug/L	50.0	111%	80 - 131	2	28	7123398		12/22/07 01:32
Trichlorofluoromethane		47.6		ug/L	50.0	95%	68 - 125	0.6	20	7123398		12/22/07 01:32
1,2,3-Trichloropropane		45.1		ug/L	50.0	90%	60 - 127	5	26	7123398		12/22/07 01:32
1,3,5-Trimethylbenzene		61.0		ug/L	50.0	122%	80 - 129	3	16	7123398		12/22/07 01:32
1,2,4-Trimethylbenzene		60.5		ug/L	50.0	121%	80 - 128	3	22	7123398		12/22/07 01:32
Vinyl chloride		45.3		ug/L	50.0	91%	69 - 120	1	26	7123398		12/22/07 01:32
Xylenes, total		174		ug/L	150	116%	80 - 129	0.8	18	7123398		12/22/07 01:32
Surrogate: 1,2-Dichloroethane-d4		28.2		ug/L	30.0	94%	60 - 140			7123398		12/22/07 01:32
Surrogate: Dibromofluoromethane		27.4		ug/L	30.0	91%	75 - 124			7123398		12/22/07 01:32
Surrogate: Toluene-d8		27.3		ug/L	30.0	91%	78 - 121			7123398		12/22/07 01:32
Surrogate: 4-Bromofluorobenzene		27.6		ug/L	30.0	92%	79 - 124			7123398		12/22/07 01:32

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7123398-MS1										
Acetone	ND	259		ug/L	250	103%	55 - 148	7123398	NQL1636-15	12/22/07 10:34
Benzene	ND	55.0		ug/L	50.0	110%	68 - 143	7123398	NQL1636-15	12/22/07 10:34
Bromobenzene	ND	50.4		ug/L	50.0	101%	65 - 140	7123398	NQL1636-15	12/22/07 10:34
Bromochloromethane	ND	52.6		ug/L	50.0	105%	80 - 137	7123398	NQL1636-15	12/22/07 10:34
Bromodichloromethane	ND	52.2		ug/L	50.0	104%	80 - 132	7123398	NQL1636-15	12/22/07 10:34
Bromoform	ND	33.2	M8	ug/L	50.0	66%	67 - 123	7123398	NQL1636-15	12/22/07 10:34
Bromomethane	ND	55.8		ug/L	50.0	112%	39 - 166	7123398	NQL1636-15	12/22/07 10:34
2-Butanone	ND	238		ug/L	250	95%	50 - 154	7123398	NQL1636-15	12/22/07 10:34
sec-Butylbenzene	ND	60.1		ug/L	50.0	120%	73 - 142	7123398	NQL1636-15	12/22/07 10:34
n-Butylbenzene	ND	60.7		ug/L	50.0	121%	64 - 147	7123398	NQL1636-15	12/22/07 10:34
tert-Butylbenzene	ND	57.0		ug/L	50.0	114%	70 - 148	7123398	NQL1636-15	12/22/07 10:34
Carbon disulfide	ND	58.1		ug/L	50.0	116%	79 - 147	7123398	NQL1636-15	12/22/07 10:34
Carbon Tetrachloride	ND	48.3		ug/L	50.0	97%	62 - 165	7123398	NQL1636-15	12/22/07 10:34
Chlorobenzene	ND	49.9		ug/L	50.0	100%	67 - 140	7123398	NQL1636-15	12/22/07 10:34
Chlorodibromomethane	ND	40.7		ug/L	50.0	81%	72 - 123	7123398	NQL1636-15	12/22/07 10:34
Chloroethane	ND	57.0		ug/L	50.0	114%	74 - 151	7123398	NQL1636-15	12/22/07 10:34
Chloroform	ND	56.1		ug/L	50.0	112%	59 - 152	7123398	NQL1636-15	12/22/07 10:34
Chloromethane	ND	45.8		ug/L	50.0	92%	33 - 138	7123398	NQL1636-15	12/22/07 10:34
2-Chlorotoluene	ND	53.4		ug/L	50.0	107%	76 - 134	7123398	NQL1636-15	12/22/07 10:34
4-Chlorotoluene	ND	53.4		ug/L	50.0	107%	80 - 133	7123398	NQL1636-15	12/22/07 10:34
1,2-Dibromo-3-chloropropane	ND	25.7	M8	ug/L	50.0	51%	60 - 136	7123398	NQL1636-15	12/22/07 10:34
1,2-Dibromoethane (EDB)	ND	46.8		ug/L	50.0	94%	80 - 132	7123398	NQL1636-15	12/22/07 10:34
Dibromomethane	ND	52.6		ug/L	50.0	105%	79 - 131	7123398	NQL1636-15	12/22/07 10:34
1,4-Dichlorobenzene	ND	52.6		ug/L	50.0	105%	80 - 126	7123398	NQL1636-15	12/22/07 10:34
1,3-Dichlorobenzene	ND	53.7		ug/L	50.0	107%	75 - 132	7123398	NQL1636-15	12/22/07 10:34
1,2-Dichlorobenzene	ND	51.5		ug/L	50.0	103%	80 - 130	7123398	NQL1636-15	12/22/07 10:34
Dichlorodifluoromethane	0.480	42.9		ug/L	50.0	85%	36 - 146	7123398	NQL1636-15	12/22/07 10:34
1,1-Dichloroethane	ND	56.2		ug/L	50.0	112%	76 - 131	7123398	NQL1636-15	12/22/07 10:34
1,2-Dichloroethane	ND	58.3		ug/L	50.0	117%	53 - 146	7123398	NQL1636-15	12/22/07 10:34
cis-1,2-Dichloroethene	0.770	56.1		ug/L	50.0	111%	76 - 141	7123398	NQL1636-15	12/22/07 10:34
1,1-Dichloroethene	ND	58.6		ug/L	50.0	117%	63 - 157	7123398	NQL1636-15	12/22/07 10:34
trans-1,2-Dichloroethene	ND	57.1		ug/L	50.0	114%	78 - 137	7123398	NQL1636-15	12/22/07 10:34
1,3-Dichloropropane	ND	50.0		ug/L	50.0	100%	76 - 130	7123398	NQL1636-15	12/22/07 10:34
1,2-Dichloropropane	ND	52.7		ug/L	50.0	105%	77 - 128	7123398	NQL1636-15	12/22/07 10:34
2,2-Dichloropropane	ND	39.7		ug/L	50.0	79%	62 - 145	7123398	NQL1636-15	12/22/07 10:34
cis-1,3-Dichloropropene	ND	46.9		ug/L	50.0	94%	71 - 140	7123398	NQL1636-15	12/22/07 10:34
trans-1,3-Dichloropropene	ND	43.8		ug/L	50.0	88%	65 - 137	7123398	NQL1636-15	12/22/07 10:34

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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										
7123398-MS1										
1,1-Dichloropropene	ND	58.2		ug/L	50.0	116%	80 - 136	7123398	NQL1636-15	12/22/07 10:34
Ethylbenzene	ND	53.4		ug/L	50.0	107%	80 - 135	7123398	NQL1636-15	12/22/07 10:34
Hexachlorobutadiene	ND	42.4		ug/L	50.0	85%	48 - 155	7123398	NQL1636-15	12/22/07 10:34
2-Hexanone	ND	226		ug/L	250	91%	58 - 154	7123398	NQL1636-15	12/22/07 10:34
Isopropylbenzene	ND	55.8		ug/L	50.0	112%	80 - 135	7123398	NQL1636-15	12/22/07 10:34
p-Isopropyltoluene	ND	60.5		ug/L	50.0	121%	74 - 139	7123398	NQL1636-15	12/22/07 10:34
Methyl tert-Butyl Ether	ND	48.4		ug/L	50.0	97%	60 - 144	7123398	NQL1636-15	12/22/07 10:34
Methylene Chloride	ND	48.7		ug/L	50.0	97%	64 - 140	7123398	NQL1636-15	12/22/07 10:34
4-Methyl-2-pentanone	ND	241		ug/L	250	97%	55 - 153	7123398	NQL1636-15	12/22/07 10:34
Naphthalene	ND	35.8		ug/L	50.0	72%	50 - 154	7123398	NQL1636-15	12/22/07 10:34
n-Propylbenzene	ND	57.8		ug/L	50.0	116%	78 - 141	7123398	NQL1636-15	12/22/07 10:34
Styrene	ND	51.1		ug/L	50.0	102%	80 - 139	7123398	NQL1636-15	12/22/07 10:34
1,1,1,2-Tetrachloroethane	ND	45.4		ug/L	50.0	91%	75 - 140	7123398	NQL1636-15	12/22/07 10:34
1,1,2,2-Tetrachloroethane	ND	47.5		ug/L	50.0	95%	55 - 152	7123398	NQL1636-15	12/22/07 10:34
Tetrachloroethene	ND	46.6		ug/L	50.0	93%	67 - 150	7123398	NQL1636-15	12/22/07 10:34
Toluene	ND	51.5		ug/L	50.0	103%	75 - 139	7123398	NQL1636-15	12/22/07 10:34
1,2,3-Trichlorobenzene	ND	38.2		ug/L	50.0	76%	49 - 144	7123398	NQL1636-15	12/22/07 10:34
1,2,4-Trichlorobenzene	ND	42.0		ug/L	50.0	84%	55 - 135	7123398	NQL1636-15	12/22/07 10:34
1,1,2-Trichloroethane	ND	50.2		ug/L	50.0	100%	77 - 128	7123398	NQL1636-15	12/22/07 10:34
1,1,1-Trichloroethane	ND	53.0		ug/L	50.0	106%	80 - 136	7123398	NQL1636-15	12/22/07 10:34
Trichloroethene	10.2	64.8		ug/L	50.0	109%	57 - 158	7123398	NQL1636-15	12/22/07 10:34
Trichlorofluoromethane	ND	58.1		ug/L	50.0	116%	68 - 145	7123398	NQL1636-15	12/22/07 10:34
1,2,3-Trichloropropane	ND	42.5		ug/L	50.0	85%	55 - 137	7123398	NQL1636-15	12/22/07 10:34
1,3,5-Trimethylbenzene	ND	56.9		ug/L	50.0	114%	78 - 136	7123398	NQL1636-15	12/22/07 10:34
1,2,4-Trimethylbenzene	ND	56.2		ug/L	50.0	112%	70 - 143	7123398	NQL1636-15	12/22/07 10:34
Vinyl chloride	ND	49.9		ug/L	50.0	100%	49 - 156	7123398	NQL1636-15	12/22/07 10:34
Xylenes, total	ND	165		ug/L	150	110%	80 - 136	7123398	NQL1636-15	12/22/07 10:34
Surrogate: 1,2-Dichloroethane-d4		29.2		ug/L	30.0	97%	60 - 140	7123398	NQL1636-15	12/22/07 10:34
Surrogate: Dibromofluoromethane		28.1		ug/L	30.0	94%	75 - 124	7123398	NQL1636-15	12/22/07 10:34
Surrogate: Toluene-d8		26.9		ug/L	30.0	90%	78 - 121	7123398	NQL1636-15	12/22/07 10:34
Surrogate: 4-Bromofluorobenzene		26.7		ug/L	30.0	89%	79 - 124	7123398	NQL1636-15	12/22/07 10:34

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123398-MSD1												
Acetone	ND	279		ug/L	250	112%	55 - 148	8	29	7123398	NQL1636-15	12/22/07 10:58
Benzene	ND	61.2		ug/L	50.0	122%	68 - 143	11	23	7123398	NQL1636-15	12/22/07 10:58
Bromobenzene	ND	56.9		ug/L	50.0	114%	65 - 140	12	18	7123398	NQL1636-15	12/22/07 10:58
Bromochloromethane	ND	58.0		ug/L	50.0	116%	80 - 137	10	18	7123398	NQL1636-15	12/22/07 10:58
Bromodichloromethane	ND	60.3		ug/L	50.0	121%	80 - 132	14	18	7123398	NQL1636-15	12/22/07 10:58
Bromoform	ND	40.3		ug/L	50.0	81%	67 - 123	19	24	7123398	NQL1636-15	12/22/07 10:58
Bromomethane	ND	63.0		ug/L	50.0	126%	39 - 166	12	45	7123398	NQL1636-15	12/22/07 10:58
2-Butanone	ND	266		ug/L	250	106%	50 - 154	11	36	7123398	NQL1636-15	12/22/07 10:58
sec-Butylbenzene	ND	68.6		ug/L	50.0	137%	73 - 142	13	17	7123398	NQL1636-15	12/22/07 10:58
n-Butylbenzene	ND	69.9		ug/L	50.0	140%	64 - 147	14	18	7123398	NQL1636-15	12/22/07 10:58
tert-Butylbenzene	ND	65.1		ug/L	50.0	130%	70 - 148	13	17	7123398	NQL1636-15	12/22/07 10:58
Carbon disulfide	ND	65.0		ug/L	50.0	130%	79 - 147	11	16	7123398	NQL1636-15	12/22/07 10:58
Carbon Tetrachloride	ND	60.1		ug/L	50.0	120%	62 - 165	22	29	7123398	NQL1636-15	12/22/07 10:58
Chlorobenzene	ND	56.2		ug/L	50.0	112%	67 - 140	12	27	7123398	NQL1636-15	12/22/07 10:58
Chlorodibromomethane	ND	48.0		ug/L	50.0	96%	72 - 123	16	21	7123398	NQL1636-15	12/22/07 10:58
Chloroethane	ND	62.5		ug/L	50.0	125%	74 - 151	9	32	7123398	NQL1636-15	12/22/07 10:58
Chloroform	ND	62.7		ug/L	50.0	125%	59 - 152	11	28	7123398	NQL1636-15	12/22/07 10:58
Chloromethane	ND	50.1		ug/L	50.0	100%	33 - 138	9	21	7123398	NQL1636-15	12/22/07 10:58
2-Chlorotoluene	ND	60.4		ug/L	50.0	121%	76 - 134	12	16	7123398	NQL1636-15	12/22/07 10:58
4-Chlorotoluene	ND	60.1		ug/L	50.0	120%	80 - 133	12	17	7123398	NQL1636-15	12/22/07 10:58
1,2-Dibromo-3-chloropropane	ND	32.2		ug/L	50.0	64%	60 - 136	22	29	7123398	NQL1636-15	12/22/07 10:58
1,2-Dibromoethane (EDB)	ND	53.1		ug/L	50.0	106%	80 - 132	13	21	7123398	NQL1636-15	12/22/07 10:58
Dibromomethane	ND	57.4		ug/L	50.0	115%	79 - 131	9	20	7123398	NQL1636-15	12/22/07 10:58
1,4-Dichlorobenzene	ND	58.9		ug/L	50.0	118%	80 - 126	11	19	7123398	NQL1636-15	12/22/07 10:58
1,3-Dichlorobenzene	ND	60.7		ug/L	50.0	121%	75 - 132	12	18	7123398	NQL1636-15	12/22/07 10:58
1,2-Dichlorobenzene	ND	58.6		ug/L	50.0	117%	80 - 130	13	23	7123398	NQL1636-15	12/22/07 10:58
Dichlorodifluoromethane	0.480	50.3	R	ug/L	50.0	100%	36 - 146	16	14	7123398	NQL1636-15	12/22/07 10:58
1,1-Dichloroethane	ND	63.0		ug/L	50.0	126%	76 - 131	12	15	7123398	NQL1636-15	12/22/07 10:58
1,2-Dichloroethane	ND	63.5		ug/L	50.0	127%	53 - 146	8	26	7123398	NQL1636-15	12/22/07 10:58
cis-1,2-Dichloroethene	0.770	62.2		ug/L	50.0	123%	76 - 141	10	14	7123398	NQL1636-15	12/22/07 10:58
1,1-Dichloroethene	ND	65.3		ug/L	50.0	131%	63 - 157	11	26	7123398	NQL1636-15	12/22/07 10:58
trans-1,2-Dichloroethene	ND	63.3		ug/L	50.0	127%	78 - 137	10	14	7123398	NQL1636-15	12/22/07 10:58
1,3-Dichloropropane	ND	55.5		ug/L	50.0	111%	76 - 130	11	21	7123398	NQL1636-15	12/22/07 10:58
1,2-Dichloropropane	ND	59.9		ug/L	50.0	120%	77 - 128	13	16	7123398	NQL1636-15	12/22/07 10:58
2,2-Dichloropropane	ND	48.9	R	ug/L	50.0	98%	62 - 145	21	14	7123398	NQL1636-15	12/22/07 10:58
cis-1,3-Dichloropropene	ND	54.4		ug/L	50.0	109%	71 - 140	15	19	7123398	NQL1636-15	12/22/07 10:58
trans-1,3-Dichloropropene	ND	50.9		ug/L	50.0	102%	65 - 137	15	20	7123398	NQL1636-15	12/22/07 10:58
1,1-Dichloropropene	ND	64.9		ug/L	50.0	130%	80 - 136	11	14	7123398	NQL1636-15	12/22/07 10:58
Ethylbenzene	ND	60.5		ug/L	50.0	121%	80 - 135	12	17	7123398	NQL1636-15	12/22/07 10:58
Hexachlorobutadiene	ND	54.0		ug/L	50.0	108%	48 - 155	24	34	7123398	NQL1636-15	12/22/07 10:58
2-Hexanone	ND	252		ug/L	250	101%	58 - 154	11	34	7123398	NQL1636-15	12/22/07 10:58

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

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												
7123398-MSD1												
Isopropylbenzene	ND	63.0		ug/L	50.0	126%	80 - 135	12	18	7123398	NQL1636-15	12/22/07 10:58
p-Isopropyltoluene	ND	69.8	M7	ug/L	50.0	140%	74 - 139	14	17	7123398	NQL1636-15	12/22/07 10:58
Methyl tert-Butyl Ether	ND	54.4		ug/L	50.0	109%	60 - 144	12	32	7123398	NQL1636-15	12/22/07 10:58
Methylene Chloride	ND	53.4		ug/L	50.0	107%	64 - 140	9	18	7123398	NQL1636-15	12/22/07 10:58
4-Methyl-2-pentanone	ND	268		ug/L	250	107%	55 - 153	11	31	7123398	NQL1636-15	12/22/07 10:58
Naphthalene	ND	50.6		ug/L	50.0	101%	50 - 154	34	39	7123398	NQL1636-15	12/22/07 10:58
n-Propylbenzene	ND	65.2		ug/L	50.0	130%	78 - 141	12	17	7123398	NQL1636-15	12/22/07 10:58
Styrene	ND	57.5		ug/L	50.0	115%	80 - 139	12	16	7123398	NQL1636-15	12/22/07 10:58
1,1,1,2-Tetrachloroethane	ND	54.8	R	ug/L	50.0	110%	75 - 140	19	17	7123398	NQL1636-15	12/22/07 10:58
1,1,2,2-Tetrachloroethane	ND	53.4		ug/L	50.0	107%	55 - 152	12	28	7123398	NQL1636-15	12/22/07 10:58
Tetrachloroethene	ND	52.9		ug/L	50.0	106%	67 - 150	13	27	7123398	NQL1636-15	12/22/07 10:58
Toluene	ND	58.7		ug/L	50.0	117%	75 - 139	13	19	7123398	NQL1636-15	12/22/07 10:58
1,2,3-Trichlorobenzene	ND	52.7	R	ug/L	50.0	105%	49 - 144	32	31	7123398	NQL1636-15	12/22/07 10:58
1,2,4-Trichlorobenzene	ND	52.3		ug/L	50.0	105%	55 - 135	22	26	7123398	NQL1636-15	12/22/07 10:58
1,1,2-Trichloroethane	ND	56.0		ug/L	50.0	112%	77 - 128	11	21	7123398	NQL1636-15	12/22/07 10:58
1,1,1-Trichloroethane	ND	61.6		ug/L	50.0	123%	80 - 136	15	16	7123398	NQL1636-15	12/22/07 10:58
Trichloroethene	10.2	71.1		ug/L	50.0	122%	57 - 158	9	28	7123398	NQL1636-15	12/22/07 10:58
Trichlorofluoromethane	ND	65.4		ug/L	50.0	131%	68 - 145	12	20	7123398	NQL1636-15	12/22/07 10:58
1,2,3-Trichloropropane	ND	48.0		ug/L	50.0	96%	55 - 137	12	26	7123398	NQL1636-15	12/22/07 10:58
1,3,5-Trimethylbenzene	ND	64.7		ug/L	50.0	129%	78 - 136	13	16	7123398	NQL1636-15	12/22/07 10:58
1,2,4-Trimethylbenzene	ND	63.3		ug/L	50.0	127%	70 - 143	12	22	7123398	NQL1636-15	12/22/07 10:58
Vinyl chloride	ND	55.4		ug/L	50.0	111%	49 - 156	11	26	7123398	NQL1636-15	12/22/07 10:58
Xylenes, total	ND	188		ug/L	150	126%	80 - 136	13	18	7123398	NQL1636-15	12/22/07 10:58
Surrogate: 1,2-Dichloroethane-d4		29.0		ug/L	30.0	97%	60 - 140			7123398	NQL1636-15	12/22/07 10:58
Surrogate: Dibromofluoromethane		28.0		ug/L	30.0	93%	75 - 124			7123398	NQL1636-15	12/22/07 10:58
Surrogate: Toluene-d8		26.9		ug/L	30.0	90%	78 - 121			7123398	NQL1636-15	12/22/07 10:58
Surrogate: 4-Bromofluorobenzene		26.5		ug/L	30.0	88%	79 - 124			7123398	NQL1636-15	12/22/07 10:58

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	New York
SW846 8260B	Water	N/A	X	X

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte

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

Client	MACTEC Engineering & Consulting, Inc. (4997)	Work Order:	NQL1636
	1725 Louisville Drive	Project Name:	Former Taylor Instruments
	Knoxville, TN 37921	Project Number:	[none]
Attn	Joe Deatherage	Received:	12/14/07 08:05

DATA QUALIFIERS AND DEFINITIONS

M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECI

NQL1636

Cooler Received/Opened On: 12/14/07 @8:05

1. Tracking #_5010_(last 4 digits, FedEx)

Fed-Ex:_____ IR Gun ID: 92171982

2. Temperature of rep. sample or temp blank when opened: 1.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

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

If yes, how many and where:_____

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

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

I certify that I opened the cooler and answered questions 1-6 (intial) _____

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

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? YES...NO...NA

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

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AAN

15a. On pres'd bottles, did pH test strips suggest 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_____

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

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

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

NQL1636
01/02/08 23:59

MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
BR-06	12-10-07	1118	3	X					X						X						X	01
BR-01		1310	3	X					X						X						X	02
BR-07		1420	3	X					X						X						X	03
BR-07 (DUP)		1425	3	X					X						X						X	04
BR-02		1515	3	X					X						X						X	05
TW-07		1610	3	X					X						X						X	06
QAFB01		1625	3	X					X						X						X	07
QARB01		1630	3	X					X						X						X	08
QATB01 ~~TRIP BLANK~~	12-11-07	0740	1	X					X						X						X	09
TW-20	12-11-07	0830	3	X					X						X						X	10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
QATB01 is a trip blank

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:					
Received for TestAmerica by:	Date: 12/14/07	Time: 805	Temperature Upon Receipt: 1.0	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997)
Address: 1725 Louisville Drive
City, State, Zip: Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics			RUSH TAT (Pre Schedule) *
TW-04	12-1-07	0955	3	X					X						X						X	1	1	
BR-17		1155	3	X					X						X						X	1	2	
BR-08		1320	3	X					X						X						X	1	3	
BR-11		1420	3	X					X						X						X	1	4	
OB-07		1520	3	X					X						X						X	1	5	
OB-07 (MS)		1525	3	X					X						X						X	1	5	
OB-07 (MSD)		1530	3	X					X						X						X	1	5	
BR-03	↓	1620	3	X					X						X						X	1	6	
OB-06	12-2-07	0900	3	X					X						X						X	1	7	
BR-09	↓	0940	3	X					X						X						X	1	8	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
OB-07 (MS) is a matrix spike
OB-07 (MSD) is a matrix spike duplicate

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by:	Date: 12/4/07	Time: 0805	Temperature Upon Receipt: 1.0	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

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: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] 588-8544 Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303105200.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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	
QAFB01	5-1-07	1045	G		GW								3	X Level 2 (Batch QC)		-9
QARB01		1055											3		Trip Blank	-10
QAFB01		1050											3			-11
BR-07		1135											3			-12
BR-04		1230											3			-13
BR-09		1445											3			-14
BR-11		1525											3			-15
BR-11 DUP		1525											3			-16
BR-17		1640											3			-17
BR-B03	↓	1735	↓		↓								3			-18

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

Special Instructions:

Relinquished By: Joe Deatherage	Date: 5-2-07	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: J. Hunter	Date: 5-3-07	Time: 0755

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.5
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: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] 588-8544 Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 303105 2006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	VOCs 8260	REMARKS	
BR-01	5-2-07	0925	G		GW	3		-1
BR-02		1015				3		-2
BR-05		1110				3		-3
BR-05 (MS)		1115				3	matrix spike	3
BR-05 (MSD)		1120				3	matrix spike dupe	-3
BR-08		1255				3		-4
BR-10		1340				3		-5
BR-15		1435				3		-6
TW-17		1520				3		-7
TW-20		1050				3		-8

NQE0542
05/18/07 23:59

Special Instructions:

Relinquished By: Joe Deatherage	Date: 5-2-07	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: J. Hubbard	Date: 5-3-07	Time: 0755

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.5
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: [redacted] 125 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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	5-3-07	0805	G		GW								3		Trip Blank - 01
QAFB02		0815											3		-02
QARB02		0820											3		-03
TW-09		0935											3		-04
TW-07		1020											3		-05
TW-04		1130											3		-06
W-5		1325											3		-07
W-5 (DUP)		1330											3		-08
OB-07		1415											3		-09 - 09 WS
OB-07 (MS)		1420											3		Matrix Spike - 10

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

NQE0929
05/21/07 23:59

Special Instructions:

Relinquished By: Joe Deatherage	5-4-07 Date:	1503 Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	5/5/07 Date:	8:00 Time:

LABORATORY COMMENTS:
Init Lab Temp: 0.6°C
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: [redacted] 1725 Louisville Dr.
City/State/Zip Code: [redacted] 37921
Project Manager: Joe Deatherage
Telephone Number: [redacted] Fax: [redacted]
Sampler Name: (Print Name) Joe Deatherage
Sampler Signature: Joe Deatherage

Project Name: Former Taylor Instruments
Project #: 30310520006.06
Site/Location ID: _____ State: NY
Report To: Joe Deatherage
Invoice To: _____
Quote #: Former Taylor Instruments PO#: 80322

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
OB-07 (MSD)	5-3-07	1425	G		GW								3	Matrix Spike Dupe
OB-06	↓	1525			↓								3	
OB-09	↓	1615			↓								3	
OB-05	5-4-07	0920			↓								3	
OB-08	↓	1010			↓								3	
OB-04	↓	1055			↓								3	

NQE 0929

-09 -10
-10 -11
-11 -12
-12 -13
-13 -14
-14 5/5/07

Special Instructions:

Relinquished By: Joe Deatherage	5-4-07 Date:	17:00 Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	5/5/07 Date:	8:00 Time:

LABORATORY COMMENTS:
Init Lab Temp: 0.6°C
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

NQL1636
01/02/08 23:59

MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
BR-06	12-10-07	1118	3	X					X						X						X	01
BR-01		1310	3	X					X						X						X	02
BR-07		1420	3	X					X						X						X	03
BR-07 (DUP)		1425	3	X					X						X						X	04
BR-02		1515	3	X					X						X						X	05
TW-07		1610	3	X					X						X						X	06
QAFB01		1625	3	X					X						X						X	07
QARB01		1630	3	X					X						X						X	08
QATB01 ~~TRIP BLANK~~	12-11-07	0740	1	X					X						X						X	09
TW-20	12-11-07	0830	3	X					X						X						X	10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
QATB01 is a trip blank

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:					
Received for TestAmerica by:	Date: 12/14/07	Time: 805	Temperature Upon Receipt: 1.0	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997)
Address: 1725 Louisville Drive
City, State, Zip: Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics			RUSH TAT (Pre Schedule) *
TW-04	12-1-07	0955	3	X					X						X						X	1	1	
BR-17		1155	3	X					X						X						X	1	2	
BR-08		1320	3	X					X						X						X	1	3	
BR-11		1420	3	X					X						X						X	1	4	
OB-07		1520	3	X					X						X						X	1	5	
OB-07 (MS)		1525	3	X					X						X						X	1	5	
OB-07 (MSD)		1530	3	X					X						X						X	1	5	
BR-03	↓	1620	3	X					X						X						X	1	6	
OB-06	12-2-07	0900	3	X					X						X						X	1	7	
BR-09	↓	0940	3	X					X						X						X	1	8	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
OB-07 (MS) is a matrix spike
OB-07 (MSD) is a matrix spike duplicate

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by:	Date: 12/4/07	Time: 0805	Temperature Upon Receipt: 1.0	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997) | TA Account #: 63036 | PO #: Must have
Address: 1725 Louisville Drive | Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
City, State, Zip: Knoxville TN 37921 | Report to: Joe Deatherage
Client Invoice Contact: Accounts Payable | Project Name: Former Taylor Instruments
Client Project Mgr: Joe Deatherage | Facility ID: [none]
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026 | Site Address:
Sampler Name (Print) Joe Deatherage | City,State,Zip: New York
SamplerSignature: Joe Deatherage | Regulatory District (CA):

NQL1614
01/02/08 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
TW-17	~~12-12-07~~ 1030	1030	3	X					X						X						X	NQL 1614-01
BR-10	12-12-07	1140	3	X					X						X						X	02
OB-09		1345	3	X					X						X						X	03
BR-15		1455	3	X					X						X						X	04
BR-04		1535	3	X					X						X						X	05
OB-05	↓	1625	3	X					X						X						X	06
QATB02	12-13-07	0745	1	X					X						X						X	07
QAFB02		0800	3	X					X						X						X	08
QARB02		0830	3	X					X						X						X	09
BR-05	↓	0920	3	X					X						X						X	10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: *BO # 7819*
QATB02 is a trip blank

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
	12.14.07	0805	2.4		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: MACTEC Engineering & Consulting, Inc. (4997)
Address: 1725 Louisville Drive
City, State, Zip: Knoxville TN 37921
Client Invoice Contact: Accounts Payable
Client Project Mgr: Joe Deatherage
Client Telephone#: (865) 588-8544 Fax: (865) 588-8026
Sampler Name (Print) Joe Deatherage
SamplerSignature: Joe Deatherage

TA Account #: 63036 PO #: Must have
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage
Project Name: Former Taylor Instruments
Facility ID: [none]
Site Address:
City,State,Zip: New York
Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCl	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 8260B Volatile Organics	RUSH TAT (Pre Schedule) *
BR-05 (MS)	12-13-07	0925	3	X					X						X						X	10
BR-05 (MSD)		0930	3	X					X						X						X	4
TW-09		1020	3	X					X						X						X	11
OB-08		1200	3	X					X						X						X	12
W-5		1335	3	X					X						X						X	13
W-5 (DUP)		1340	3	X					X						X						X	14
OB-04		1425	3	X					X						X						X	15

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 7819
BR-05 (MS) is a matrix spike
BR-05 (MSD) is a matrix spike duplicate

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
Received for TestAmerica by:	Date: 12/14/07 Time: 0825	Temperature Upon Receipt: 2.4c	Sample Containers Intact? Y N VOCs Free of Headspace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: OB-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1401 END 1425

JOB NUMBER: 3031052006.07

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: 3.35 FT

WELL DEPTH: 17.5 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 4.44 FT

SCREEN LENGTH: 15 FT

PID WELL MOUTH: — PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: 1.09 FT

DRAWDOWN VOLUME: 0.2 GAL

PRODUCT THICKNESS: 0 FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.2 L/MIN

BEGIN PURGING: 1407

END PURGING: 1422

TOTAL VOL. PURGED: 0.8 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
1412	1.08	6.10	1.15	5.5	0	11.86	-170	215ml/min
1415	1.72	6.09	1.15	5.6	0	12.15	-175	"
1419	2.52	6.10	1.16	7.8	0	12.03	-182	200ml/min
1422	3.12	6.11	1.16	7.5	0	12.14	-184	"
1425	Collect Sample OB-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

- Methane odor
- air bubbles in sample jars (could not prevent)

NOTES: Intake @ 12.5' below TOC

1412 DTW = 3.85
1415 DTW = 4.13
1419 DTW = 4.31
1422 DTW = 4.44

SIGNATURE: Joe Deatherage

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: OB-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1553 END 1625

JOB NUMBER: 3031052006.07

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	4.87 FT	WELL DEPTH	18.0 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	5.57 FT	SCREEN LENGTH	14 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.70 FT	DRAWDOWN VOLUME	0.12 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.22 L/MIN	1558	1621	1.3 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
1603	1.08	7.44	1.88	0	7.42	13.35	49	215ml/min
1605	1.51	7.45	1.89	0	8.57	13.13	43	"
1608	2.16	7.45	1.89	0	8.77	13.02	32	"
1611	2.81	7.46	1.89	0	8.70	12.90	37	"
1614	3.46	7.46	1.88	0	8.86	12.79	30	"
1618	4.32	7.47	1.86	0	8.83	12.44	23	"
1621	4.96	7.47	1.85	0	8.87	12.15	25	"
1625	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: Joe Deatherage

NOTES: Intake @ 13' below TOC

1603 DTW = 5.15
1605 DTW = 5.27
1608 DTW = 5.37
1611 DTW = 5.43
1614 DTW = 5.48
1618 DTW = 5.53
1621 DTW = 5.57

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: OB-06

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0815 END 0900

JOB NUMBER: 3031052006.07

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	~~3.59~~ 3.09 FT	WELL DEPTH	17.0 FT	PID AMBIENT AIR	~ PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	4.77 FT	SCREEN LENGTH	10 FT	PID WELL MOUTH	~ PPM		
DRAWDOWN	1.68 FT	DRAWDOWN VOLUME	0.3 GAL	PRODUCT THICKNESS	0 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: 0.17 L/MIN

BEGIN PURGING: 0816

END PURGING: 0859

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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0822	1.35	7.23	0.676	0	8.55	10.51	70	225 ml/min
0828	2.31	7.49	0.655	0	7.68	11.06	54	100 ml/min
0832	2.95	7.51	0.652	1.4	7.67	10.69	58	"
0836	3.59	7.54	0.650	3.3	7.41	10.53	57	"
0839	4.07	7.55	0.648	0.9	7.20	10.50	55	"
0844	4.87	7.55	0.643	11.5	6.72	10.67	54	"
0848	5.51	7.56	0.642	14.0	6.51	10.71	53	"
0852	6.15	7.56	0.640	15.8	6.42	10.63	51	"
0856	6.79	7.56	0.638	16.1	6.13	10.51	51	"
0859	7.27	7.56	0.636	18.4	5.90	10.01	50	"
0900	Collect Sample OB-06 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

DO did not stabalize but other parameters were stable. Since turbidity was rising we sampled.

SIGNATURE: Joe Deatherage

NOTES Intake @ 12' below TOC

0822 DTW = 4.04
0828 DTW = 4.04
0832 DTW = 4.08
0836 DTW = 4.69
0839 DTW = 4.71
0844 DTW = 4.74
0848 DTW = 4.76
0852 DTW = 4.76
0856 DTW = 4.77
0859 DTW = 4.77

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-11-07
SITE ID: OB-07
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1439 END 1538
JOB NUMBER: 3031052006.07

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	4.48 FT	WELL DEPTH	20.5 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	5.39 FT	SCREEN LENGTH	10 FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	YES — NO — N/A —
DRAWDOWN	0.51 FT	DRAWDOWN VOLUME	0.08 GAL	PRODUCT THICKNESS	0 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: 0.19 L/MIN
BEGIN PURGING: 1447
END PURGING: 1520
TOTAL VOL. PURGED: 1.7 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
1451	1.00	7.36	0.805	1.3	8.14	12.38	-30	250ml/min
1454	1.60	7.38	0.808	0.8	8.10	12.67	-21	200ml/min
1457	2.14	7.37	0.809	0.2	8.07	12.65	-37	180ml/min
1500	2.68	7.38	0.816	1.1	8.16	12.68	-37	"
1504	3.40	7.38	0.833	5.4	8.34	12.72	-38	"
1507	3.94	7.37	0.847	7.1	8.18	12.69	-46	"
1510	4.48	7.36	0.876	7.9	7.94	12.70	-43	"
1514	5.20	7.37	0.901	10.1	7.75	12.75	-41	"
1517	5.74	7.36	0.925	11.6	7.57	12.81	-55	"
1520	6.28	7.36	0.943	13.6	8.02	12.92	-40	"
1520	Collect Sample OB-07 for 8260							
1525	Collect Sample OB-07 (MS) for 8260 - matrix spike							
1530	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 Deatherage

NOTES Intake @ 15' below TOC
1451 DTW = 5.01
1454 DTW = 5.20
1457 DTW = 5.24
1500 DTW = 5.28
1504 DTW = 5.30
1507 DTW = 5.34
1510 DTW = 5.37
1514 DTW = 5.38
1517 DTW = 5.39
1520 DTW = 5.39

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-13-07
SITE ID: OB-08
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1039 END 1200
JOB NUMBER: 3031052006.07

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER _____

INITIAL DEPTH TO WATER	5.28 FT	WELL DEPTH	25.3 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT
FINAL DEPTH TO WATER	8.14 FT	SCREEN LENGTH	10 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DRAWDOWN	2.46 FT	DRAWDOWN VOLUME	0.4 GAL	PID AMBIENT AIR	— PPM
		PRODUCT THICKNESS	0 FT	PID WELL MOUTH	— PPM
				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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.16 L/MIN	1046	1158	3.1 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
1051	0.90	6.69	0.501	4.6	0	13.05	-214	180 ml/min
1101	2.70	6.70	0.465	28.8	6.05	12.81	-226	"
1114	5.04	6.71	0.513	64.7	~~6.71~~ 7.08	12.73	-227	"
1117	5.50	6.71	0.531	60.3	6.87	12.76	-228	155 ml/min
1122	6.28	6.73	0.564	69.1	6.20	12.65	-231	"
1126	6.90	6.73	0.587	56.0	5.55	13.07	-232	"
1130	7.52	6.73	0.617	43.8	5.28	12.63	-235	"
1134	8.14	6.73	0.651	50.5	4.89	12.66	-237	"
1137	8.60	6.73	0.679	58.0	4.52	12.79	-239	"
1141	9.22	6.74	0.714	59.6	4.14	12.86	-240	"
1146	10.00	6.74	0.732	55.3	3.55	13.18	-241	"
1149	10.46	6.74	0.755	59.8	2.54	13.41	-243	"
1158	11.86	6.73	0.786	136.0	1.56	13.10	-243	"
1200	Collect Sample	OB-08 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

- Dark material initially
- Intake @ 20' below TOC
- DO would not stabalize, but since turbidity was increasing we sampled.

NOTES

1051 DTW = 6.34
1117 DTW = 8.32
1122 DTW = 8.27
1126 DTW = 8.23
1130 DTW = 8.22
1134 DTW = ~~7.89~~ 8.18
1137 DTW = 8.15
1141 DTW = 8.14

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: OB-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1248 END 1345

JOB NUMBER: 3031052006.07

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	7.38 FT	WELL DEPTH	23.3 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	8.34 FT	SCREEN LENGTH	10 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.96 FT	DRAWDOWN VOLUME	0.1 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.17 L/MIN	1254	1341	2.1 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
1301	1.19	6.97	0.832	0	8.30	13.22	82	170 ml/min
1303	1.53	6.97	0.831	0	8.40	13.25	54	"
1306	2.04	6.97	0.849	0	8.37	13.49	38	"
1310	2.72	6.97	0.856	0	8.57	13.14	25	"
1317	3.91	6.98	0.862	4.2	7.50	13.65	4	"
1331	6.29	6.98	0.865	12.5	8.44	13.45	-4	"
1335	6.97	6.98	0.865	16.9	8.63	13.10	-5	"
1338	7.48	6.97	0.860	15.9	8.58	12.99	-4	"
1341	7.99	6.97	0.861	16.7	8.62	13.16	-5	"
1345	Collect Sample OB-09 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

DO higher than in May 07.

SIGNATURE: Joe Deatherage

NOTES Intake @ 18' below TOC

1301 DTW = 8.35
1303 DTW = 8.17
1306 DTW = 8.25
1310 DTW = 8.27
1317 DTW = 8.32
1331 DTW = 8.34
1335 DTW = 8.34
1338 DTW = 8.34
1341 DTW = 8.34

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: TW-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0930 END

JOB NUMBER: 3031052006.07

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: 8.71 FT

WELL DEPTH: 17.3 FT

19.7 TOC

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 10.39 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: ~ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 1.68 FT

DRAWDOWN VOLUME: 0.3 GAL

PRODUCT THICKNESS: 0 FT

((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: 0933 JD

END PURGING: 0954

TOTAL VOL. PURGED: 0.8 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	0.88	7.43	0.587	7.1	8.43	11.15	9	125ml/min
0945	1.51	7.50	0.592	26.4	8.62	11.22	-1	~~150~~ "
0950	2.26	7.47	0.593	46.3	8.47	11.71	-6	156 ml/min
0954	2.86	7.49	0.589	65.4	8.54	11.96	-10	"
0955	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 Patterson

NOTES Intake @ 15.5' below TOC

0940 DTW = 9.70
0945 DTW = 9.93
0950 DTW = 10.22
0954 DTW = 10.39

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event

DATE: 12-10-07

SITE ID: TW-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1532 END 1610

JOB NUMBER: 3031052006.07

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER

INITIAL DEPTH TO WATER	8.14 FT	WELL DEPTH	20.72 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT
FINAL DEPTH TO WATER	8.90 FT	SCREEN LENGTH	5 FT	PID AMBIENT AIR	— PPM
DRAWDOWN	0.76 FT	DRAWDOWN VOLUME	0.1 GAL	PID WELL MOUTH	— PPM
				PRODUCT THICKNESS	0 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: 0.21 L/MIN

BEGIN PURGING: 15:41

END PURGING: 1605

TOTAL VOL. PURGED: 1.3 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
1546	1.05	6.83	1.38	0	2.31	13.02	36	210ml/min
1549	1.68	6.79	1.39	0	2.03	13.01	38	
1551	2.10	6.80	1.39	0	1.87	13.12	39	
1554	2.73	6.80	1.39	0	1.57	13.11	35	
1557	3.36	6.75	1.39	0	1.24	13.13	28	
1600	3.99	6.75	1.39	0	0.87	12.93	22	
1602	4.41	6.74	1.39	0	0.92	13.10	15	
1605	5.04	6.74	1.39	0	0.79	13.04	12	
1610	Collect Sample TW-07 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 Deatley

NOTES

Intake @ 15.8 ft below TOC

1546 DTW = 8.54
1549 DTW = 8.61
1551 DTW = 8.68
1554 DTW = 8.73
1557 DTW = 8.78
1600 DTW = 8.83
1602 DTW = 8.87
1605 DTW = 8.90

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: TW-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0947 END 1020

JOB NUMBER: 3031052006.07

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	11.04 FT	WELL DEPTH	16 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	11.42 FT	SCREEN LENGTH	5 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.38 FT	DRAWDOWN VOLUME	0.06 GAL	PRODUCT THICKNESS	0 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: 0.25 L/MIN

BEGIN PURGING: 0955

END PURGING: 1017

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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0959	1.00	6.61	0.942	0	7.96	12.95	86	250ml/min
1002	1.75	6.62	0.998	0	8.06	12.94	80	"
1011	4.00	6.66	1.08	0	7.84	12.74	33	"
1014	4.75	6.66	1.07	0	7.85	12.82	29	"
1017	5.50	6.67	1.07	0	7.91	12.90	30	"
1020	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 Intake @ 14' below TOC

0959 DTW = 11.29
1002 DTW = 11.33
1011 DTW = 11.40
1014 DTW = 11.41
1017 DTW = 11.42

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: TW-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1003 END 1030

JOB NUMBER: 3031052006.07

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	7.36 FT	WELL DEPTH	15.0 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	8.09 FT	SCREEN LENGTH	5 FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	
DRAWDOWN	0.33 FT	DRAWDOWN VOLUME	0.05 GAL	PRODUCT THICKNESS	0 FT	CASING	
						LOCKED	
						COLLAR	

((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: 1011

END PURGING: 1030

TOTAL VOL. PURGED: 1.1 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
1016	1.20	6.88	0.847	0	5.95	10.51	77	240ml/min
1019	1.87	6.87	0.851	0.5	5.85	10.42	60	222ml/min
1022	2.53	6.87	0.849	6.9	5.94	10.73	53	"
1024	2.98	6.87	0.851	11.8	6.07	10.51	47	"
1027	3.64	6.87	0.849	15.1	6.07	10.68	43	"
1030	4.31	6.88	0.849	22.5	6.06	10.73	40	"
1030	Collect Sample TW-17 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 Intake @ 12' below TOC

1016 DTW = 7.96
1019 DTW = 8.06
1022 DTW = 8.06
1024 DTW = 8.07
1027 DTW = 8.08
1030 DTW = 8.09

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: TW-20

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0800 END 0830

JOB NUMBER: 3031052006.07

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: 11.83 FT

WELL DEPTH: 17.22 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.19 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: ~ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.36 FT

DRAWDOWN VOLUME: 0.06 GAL

PRODUCT THICKNESS: 0 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: 0808

END PURGING: 0830

TOTAL VOL. PURGED: 0.8 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
0820	1.38	7.06	0.763	34.0	8.51	9.86	33	115 ml/min
0823	1.83	7.08	0.766	34.0	8.56	10.35	18	150 ml/min
0827	2.43	7.10	0.771	39.5	8.50	10.85	16	11
0830	2.88	7.12	0.771	25.8	8.02	10.91	13	11
0830	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 Deathridge

NOTES

Intake @ 14.5 below TOC

0820 DTW = 12.04

0823 DTW = 12.11

0827 DTW = 12.15

0830 DTW = 12.19

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: W-5

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1250 END 1340

JOB NUMBER: 3031052006.07

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	4.91 FT	WELL DEPTH	20.5 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	8.90 FT	SCREEN LENGTH	5 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	3.99 FT	DRAWDOWN VOLUME	0.7 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.2 L/MIN	1259	1335	1.8 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
1304	1.20	7.03	0.944	0	2.51	12.81	-16	240 ml/min
1310	2.34	7.02	0.933	16.6	2.32	12.45	-22	190 ml/min
1320	4.24	6.99	0.935	6.7	7.56	12.77	-41	11
1324	4.90	6.99	0.935	10.3	8.01	12.41	-46	165 ml/min
1327	5.40	6.96	0.935	10.9	8.03	12.17	-57	11
1331	6.06	6.96	0.935	13.9	8.23	11.84	-55	11
1335	6.72	6.94	0.930	15.4	8.05	12.13	-59	11
1335	Collect	Sample	W-5 for 8260					
1340	Collect	sample	W-5C (DUP) for 8260		- 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

1304 DTW = 6.30
1310 DTW = 7.07
1320 DTW = 8.64
1324 DTW = 8.84
1327 DTW = 8.86
1331 DTW = 8.88
1335 DTW = 8.90

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-10-07
SITE ID: BR-01
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1138 END 1315
JOB NUMBER: 3031052006.07

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	15.89 FT	WELL DEPTH	38.60 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	16.91 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	1.02 FT	DRAWDOWN VOLUME	0.66 GAL	PRODUCT THICKNESS	0 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: 0.3 L/MIN
BEGIN PURGING: ~~1144~~ 1209
END PURGING: 1307
TOTAL VOL. PURGED: ~~3.94~~ 3.44 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
1236	7.70	8.92	0.252	71.0	7.53	13.19	57	285 ml/min
1239	8.56	8.92	0.252	18.0	7.27	13.21	55	"
1241	9.13	8.92	0.253	29.2	7.65	13.18	52	"
1243	9.70	8.94	0.256	34.0	7.68	13.25	42	"
1245	10.27	8.94	0.261	19.0	7.44	13.21	7	"
1247	10.84	8.94	0.264	22.7	6.78	13.15	-23	"
1248	11.13	8.94	0.267	11.6	7.59	13.19	-51	"
1250	11.70	8.93	0.270	14.6	7.79	13.27	-104	"
1252	12.27	8.92	0.273	18.4	7.98	13.32	-142	"
1254	12.84	8.91	0.280	16.7	7.81	13.21	-160	"
1256	13.41	8.91	0.291	16.4	7.84	13.17	-216	"
1258	13.98	8.89	0.299	17.3	7.48	13.21	-240	"
1259	14.27	8.88	0.307	16.4	7.72	13.24	-267	"
1301	14.84	8.86	0.324	18.2	7.42	13.24	-290	"

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 Dettle

NOTES Intake is 18' below TOC

1236 DTW = 16.76
1239 DTW = 16.78
1241 DTW = 16.80
1243 " = 16.82
1245 DTW = 16.82
1247 DTW = 16.82
1248 DTW = 16.84
1250 DTW = 16.86
1252 DTW = 16.89
1254 DTW = 16.90
1256 DTW = 16.90
1258 DTW = 16.90
1259 DTW = 16.91
1301 DTW = 16.91

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-10-07

SITE ID: BR-01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1138 END 1315

JOB NUMBER: 3031052006.07

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	15.89 FT	WELL DEPTH	38.00 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	16.91 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	1.02 FT	DRAWDOWN VOLUME	0.66 GAL	PRODUCT THICKNESS	0 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: 0.3 L/MIN

BEGIN PURGING: 1209

END PURGING: 1307

TOTAL VOL. PURGED: 4.4 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
1303	15.39	8.86	0.330	18.7	7.50	13.19	-292	285ml/min
1305	15.96	8.84	0.342	18.5	7.45	13.16	-305	"
1307	16.53	8.82	0.353	18.3	7.78	13.21	-300	"
1310	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 Deaton

NOTES

1303 DTW = 16.90

1305 DTW = 16.91

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: BR-03

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1546 END 1620

JOB NUMBER: 3031052006.07

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	9.48 FT	WELL DEPTH	40.1 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	10.71 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	YES ___ NO ___ N/A ___
DRAWDOWN	1.23 FT	DRAWDOWN VOLUME	0.8 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.2 L/MIN	1552	1617	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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1557	1.11	8.45	0.807	23.6	0	10.58	8	222 ml/min
1559	1.55	8.46	0.806	22.4	0	10.94	-10	"
1602	2.22	8.46	0.808	19.2	0	11.14	-33	"
1604	2.66	8.46	0.808	20.7	0	11.31	-44	"
1611	4.21	8.47	0.806	30.1	0	11.56	-82	"
1614	4.88	8.48	0.807	25.8	0	11.71	-89	"
1617	5.55	8.46	0.807	26.7	0	11.72	-98	"
1620	Collect Sample BA-03 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 Intake @ 12' below TOC

1557 = 9.79
1559 = 9.98
1602 DTW = 10.16
1604 DTW = 10.29
1611 DTW = ~~10~~ 10.58
1614 DTW = 10.71

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments; 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: BR-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0840 END 0930

JOB NUMBER: 3031052006.07

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	19.49 FT	WELL DEPTH	49.9 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	19.68 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.19 FT	DRAWDOWN VOLUME	1.7 GAL	PRODUCT THICKNESS	0 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: 0.25 L/MIN

BEGIN PURGING: 0848

END PURGING: 0919

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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0852	1.00	8.59	0.111	12.5	1.38	13.82	39	2 scm/min
0902	3.50	8.74	0.103	10.7	0.89	13.71	25	"
0910	5.50	8.71	0.102	7.7	1.18	13.54	26	"
0913	6.25	8.68	0.102	14.6	1.11	13.74	27	"
0915	6.75	8.67	0.102	26.2	1.17	13.88	28	"
0919	7.75	8.67	0.102	18.5	1.17	14.00	28	"
0920	Collect sample BR-05 for 8260							
0925	Collect sample BR-05 (MS) for 8260 - matrix spike							
0930	Collect sample BR-05(MSD) for 8260 - 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 Intake @ 21.51

0852 DTW = 19.63

0902 DTW = 19.65

0913 DTW = 19.68

0915 DTW = 19.68

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-10-07
SITE ID: BR-06
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1052 END 1120
JOB NUMBER: 3031052006.07

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER _____

INITIAL DEPTH TO WATER	13.02 FT	WELL DEPTH	42.6 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
FINAL DEPTH TO WATER	14.25 FT	SCREEN LENGTH	NA FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
DRAWDOWN	1.23 FT	DRAWDOWN VOLUME	0.8 GAL	PID WELL MOUTH	— PPM	PRODUCT THICKNESS	0 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: 0.25 L/MIN
BEGIN PURGING: 10[illegible]59
END PURGING: 1116
TOTAL VOL. PURGED: 1.1 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
1109	2.5	8.57	0.505	4.3	0.18	14.10	54	250 ml/min
1112	3.25	8.59	0.505	9.9	0	14.11	50	"
1114	3.75	8.61	0.504	8.4	0.05	14.09	46	"
1116	4.25	8.62	0.504	10.6	0	14.08	42	"
1118	Collect Sample BR-06 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 Deadman

NOTES Intake 15' below TOC

1109 DTW = 13.78
1112 DTW = 13.94
1114 DTW = 14.10
1116 DTW = 14.25

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-10-07

SITE ID: BR-02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1430 (12) / 1440 END 1515

JOB NUMBER: 3031052006.07

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	21.97 FT	WELL DEPTH	42.75 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	22.38 FT	SCREEN LENGTH	FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.41 FT	DRAWDOWN VOLUME	1.01 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.18 L/MIN	1448	1511	1.1 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
1454	1.08	7.64	0.740	32.1	2.59	12.76	-262	180 ml/min
1457	1.62	7.55	0.754	25.6	2.72	12.90	-256	"
1501	2.34	7.46	0.766	20.3	2.56	13.02	-247	"
1504	2.88	7.40	0.772	18.4	2.57	12.86	-236	"
1507	3.42	7.38	0.775	19.1	1.56	13.13	-234	"
1511	4.14	7.37	0.776	23.2	2.13	12.96	-230	"
1515	Collect Sample BR-02 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: Intake @ 24' below TOC

1454 DTW = 22.21
1457 DTW = 22.25
1501 DTW = 22.29
1504 DTW = 22.32
1507 DTW = 22.35
1511 DTW = 22.38

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: BR-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1512 END 1535

JOB NUMBER: 3031052006.07

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	19.68 FT	WELL DEPTH	44.2 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	19.68 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0 FT	DRAWDOWN VOLUME	0 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.25 L/MIN	1517	1531	0.9 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
1521	1.00	9.38	0.403	7.2	0.55	13.55	-321	250ml/min
1523	1.50	8.94	0.435	2.8	0	13.37	-433	"
1526	2.25	8.55	0.437	0	0	13.36	-448	"
1529	3.00	8.50	0.468	14.2	0	13.40	-441	"
1531	3.50	8.48	0.479	18.3	0	13.65	-443	"
1535	Collect Sample BR-04 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 Intake @ 21.7' below TOC

1521 DTW = 19.69

1523 DTW = 19.69

1526 DTW = 19.69

1529 DTW = 19.69

1531 DTW = 19.68

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-10-07
SITE ID: BR-07
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1330 END 1430
JOB NUMBER: 3031052006.07

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	23.98 FT	WELL DEPTH	53.3 FT	PID AMBIENT AIR	~ PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	24.00 FT	SCREEN LENGTH	N/A FT	PID WELL MOUTH	~ PPM	WELL INTEGRITY: CAP / CASING / LOCKED / COLLAR	YES / NO / N/A
DRAWDOWN	0.02 FT	DRAWDOWN VOLUME	0.01 GAL	PRODUCT THICKNESS	0 FT		

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.1 L/MIN	1338	1417	1.0 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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1400	2.20	7.62	3.07	10.7	0.54	8.71	-290	100ml/min
1406	2.8	7.63	3.08	10.3	0.12	8.53	-296	"
1411	3.3	7.63	3.09	9.2	0.03	8.55	-297	"
1417	3.9	7.64	3.10	3.3	0	7.80	-299	"
1420	Collect	Sample	BR-07	For 8260				
1425	Collect	Sample	BR-07	(Dup) 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 Deatley

NOTES Intake at 20' below TOC

1400 DTW = 24.00
1406 DTW = 24.00
1411 DTW = 24.00

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: BR-08

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1235 END 1320

JOB NUMBER: 3031052006.07

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	20.26 FT	WELL DEPTH	73.0 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	24.32 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	4.06 FT	DRAWDOWN VOLUME	2.6 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.24 L/MIN	~~1219~~ JD 1231	1316	2.9 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
~~1246~~	5.63	10.13	0.829	77.0	~~8.16~~ JD	14.97	-54	375 ml/min
1255	7.43	9.03	0.904	33.3	2.36	14.23	-285	200ml/min
1301	8.57	8.92	0.906	34.1	6.51	14.24	-318	190ml/min
1305	9.17	8.86	0.906	33.4	5.95	14.20	-329	150ml/min
1309	9.77	8.82	0.899	30.4	5.32	14.10	-333	150 ml/min
1312	10.22	8.80	0.895	30.1	4.98	14.17	-342	11
1316	10.82	8.81	0.893	29.7	4.58	14.17	-347	11
1320	Collect sample	BR-08 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

DO would not stabalize, but all other parameters are stable.

NOTES intake @ 22.5' (lowered to 24.5')

1246 DTW = 22.18
1255 DTW = 23.08
1301 DTW = 23.38
1305 DTW = 23.62
1309 DTW = 23.86
1312 DTW = 24.08
1316 DTW = 24.32

SIGNATURE: Joe Deaton

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: BR-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0922 END 0946

JOB NUMBER: 3031052006.07

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: 19.80 FT

WELL DEPTH: 47.0 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 19.77 FT

SCREEN LENGTH: N/A FT

PID WELL MOUTH: — PPM

DRAWDOWN: 0 FT

DRAWDOWN VOLUME: 0 GAL

PRODUCT THICKNESS: 0 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: 0.32 L/MIN

BEGIN PURGING: 0929

END PURGING: 0939

TOTAL VOL. PURGED: 0.8 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
0933	1.60	9.60	0.099	5.9	0.80	13.72	25	400
0935	2.13	9.60	0.102	1.8	1.20	13.15	23	265 ml/min
0937	2.66	9.60	0.105	5.7	1.25	13.42	22	"
0939	3.19	9.62	0.110	0.5	1.20	12.69	21	"
0940	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: Intake @ 22' below TOC

0933 DTW = 19.77

0935 DTW = 19.77

0937 DTW = "

0939 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-12-07

SITE ID: BR-10

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1051 END 1140

JOB NUMBER: 3031052006.07

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	19.34 FT	WELL DEPTH	47.0 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	19.33 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0 FT	DRAWDOWN VOLUME	0 GAL	PRODUCT THICKNESS	0 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: 0.3 L/MIN

BEGIN PURGING: 1059

END PURGING: 1137

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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1102	1.12	9.05	0.145	23.5	3.88	13.21	26	375ml/min
1104	1.87	9.05	0.145	27.4	5.00	12.85	25	"
1106	2.44	9.05	0.144	41.8	5.30	13.00	24	285ml/min
1116	5.29	8.99	0.146	47.1	5.78	12.94	28	"
1119	6.14	8.97	0.151	26.5	5.67	12.50	30	"
1131	9.56	8.93	0.164	20.5	0	12.21	34	"
1134	10.42	8.95	0.165	22.3	0	11.88	34	"
1137	11.28	8.98	0.165	23.6	0	11.73	33	"
1140	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 Intake @ 21.50' below TOC

1102 DTW = 19.33
1104 DTW = 19.33
1106 DTW = "
1116 DTW = "
1131 DTW = "
1134 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12/11-07

SITE ID: BR-11

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1343 END 1420

JOB NUMBER: 3031052006.07

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	19.71 FT	WELL DEPTH	FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	19.68 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.03 FT	DRAWDOWN VOLUME	0.04 GAL	PRODUCT THICKNESS	0 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}) .30

PURGE RATE: 0.35 L/MIN

BEGIN PURGING: ~~1420~~ 1348

END PURGING: 1418

TOTAL VOL. PURGED: 2.8 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
1353	1.75	8.77	0.190	14.8	0.08	13.72	-148	350ml/min
1355	2.45	8.74	0.195	19.1	0	14.08	-215	1/
1357	3.15	8.71	0.198	14.1	0	14.16	-246	11
1404	5.60	8.69	0.224	14.1	0	14.36	-325	11
1406	6.30	8.71	0.227	17.1	0	14.51	-336	11
1409	7.35	8.76	0.240	14.1	0	14.27	-347	11
1411	8.05	8.78	0.250	14.6	0	14.15	-357	11
1412	8.40	8.80	0.259	25.3	0	14.21	-366	11
1414	9.10	8.84	0.208	25.8	0	14.16	-373	11
1416	9.80	8.88	0.275	29.4	0	14.14	-378	11
1418	10.50	8.93	0.282	24.6	0	14.14	-381	11
1420	Collect sample VBA-11 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

Intake @ 22ft below TOC

1353 DTW = 19.68
1355 DTW = 19.08
1357 DTW = "
1404 DTW = "
1406 " = "
1409 " = "
1411 " = "
1414 DTW = "
1416 DTW = "
1418 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event
DATE: 12-12-07
SITE ID: BR-15
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1401 END 1455
JOB NUMBER: 3031052006.07

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	18.39 FT	WELL DEPTH	72.0 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	19.54 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	YES — NO — N/A —
DRAWDOWN	1.15 FT	DRAWDOWN VOLUME	1.7 GAL	PRODUCT THICKNESS	0 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: 1408
END PURGING: 1453
TOTAL VOL. PURGED: 2.5 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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1412	1.14	11.33	0.600	15.1	2.51	14.56	-94	285 ml/min
1415	1.89	11.38	0.604	21.1	2.79	14.02	-96	250 ml/min
1418	~~4.69~~ 2.49	11.39	0.606	20.0	3.07	14.29	-92	200 ml/min
1431	~~7.29~~ 5.09	11.41	0.604	13.0	2.86	13.80	-72	"
1435	~~8.09~~ 5.89	11.44	0.607	13.8	2.85	13.43	-69	"
1438	~~8.69~~ 6.49	11.42	0.606	3.3	2.77	13.41	-63	"
1442	~~9.49~~ 7.29	11.43	0.607	0.9	2.72	13.27	-60	"
1445	~~10.09~~ 7.89	11.43	0.609	0.3	2.57	13.57	-56	"
1449	~~10.89~~ 8.69	11.43	0.608	0	2.45	13.45	-52	"
1453	~~11.69~~ 9.49	11.44	0.609	0	2.54	13.01	-48	"
1455	Collect	Sample	BR-15 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 Deathridge

NOTES Intake @ 20.5' below TOC

1412 DTW = 18.56
1415 DTW = 18.67
1418 DTW = 18.78
1431 DTW = ~~18.19~~ 18
1435 DTW = 19.26
1438 DTW = 19.32
1442 DTW = 19.39
1445 DTW = 19.44
1449 DTW = 19.49
1453 DTW = 19.54

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: BR-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1110 END 1155

JOB NUMBER: 3031052006.07

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	20.29 FT	WELL DEPTH	62.2 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	20.35 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.06 FT	DRAWDOWN VOLUME	0.1 GAL	PRODUCT THICKNESS	0 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: 1118

END PURGING: 1152

TOTAL VOL. PURGED: 2.3 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
1122	1.04	7.79	0.444	10.2	7.72	13.39	-251	200 ml/min
1123	1.30	7.85	0.439	6.1	7.69	13.77	-268	260 ml/min
1145	7.02	7.96	0.434	11.8	5.47	14.35	-299	"
1147	7.54	7.95	0.433	12.0	5.28	14.40	-300	"
1150	8.32	7.94	0.434	11.4	4.95	14.24	-300	"
1152	8.84	7.95	0.434	10.9	4.75	14.17	-300	"
1155	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

DO would not stabalize, but all other parameters are stable.

NOTES

Intake @ 22.3 below TOC

1122 DTW = 20.37

1123 DTW = 20.37

1145 DTW = 20.35

1147 DTW = 20.35

1150 DTW = 20.35

1152 DTW = 20.35

SIGNATURE: Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-10-07

SITE ID: QAFB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1625 END

JOB NUMBER: 3031052006.07

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: _____

NOTES

QAFB01 for 8260 @ 1625
- Field Blank w/ Distilled water.

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-10-07

SITE ID: QARB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1630 END

JOB NUMBER: 3031052006.07

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

1630 Collect sample QARB01
- rinse blank off rebar

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments
2007 2nd Semi-Annual Sampling Event

DATE: 12-11-07

SITE ID: QATB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0840 END

JOB NUMBER: 3031052006.07

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

0840 Submit QATB01 (trip blank) for 8260

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: QATB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0745 END

JOB NUMBER: 3031052006.07

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 Deathridge

NOTES

~~13~~ 30 0745 Collect QATB02 for 8260

- Trip Blank

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: QAFB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0800 END

JOB NUMBER: 3031052006.07

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

0800 Collect Sample QAFB02 for 8260
- Field Blank

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 2nd Semi-Annual Sampling Event

DATE: 12-13-07

SITE ID: QARB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0830 END

JOB NUMBER: 3031052006.07

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	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

0830 Collect sample @ARB02 for 8260

- Rinse blank off of tubing

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-4-07

SITE ID: OB-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1028 END 1055

JOB NUMBER: 3031052006.07

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	3.75 FT	WELL DEPTH	16.45 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	4.47 FT	SCREEN LENGTH	15 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.72 FT	DRAWDOWN VOLUME	0.12 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.2 L/MIN	1038	1052	0.74 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
1044	1.20	6.01	2.47	135.0	0	12.1	-99	200 ml/min
1047	1.80	6.01	2.48	141.0	0	12.2	-103	"
1049	2.20	6.02	2.48	154.0	0	12.1	-110	"
1052	2.80	6.03	2.48	135.0	0	12.0	-118	"
1055	Collect sample	OB-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

Note: free product (sheen) in well.
HPC odor during sampling. Manure odor after sampling. Unable to keep bubbles out of sample jar.

SIGNATURE: Joe Deathering

NOTES

1044 DTW = 4.32
1047 " = 4.38
1049 " = 4.43
1052 " = 4.47

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-4-07

SITE ID: OB-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0840 END 0920

JOB NUMBER: 3031052006.07

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	4.91 FT	WELL DEPTH	17.34 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	2 IN
FINAL DEPTH TO WATER	5.92 FT	SCREEN LENGTH	14 FT	PID WELL MOUTH	— PPM		
DRAWDOWN	1.01 FT	DRAWDOWN VOLUME	0.17 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.17 L/MIN	0845	0918	1.48 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
0903	3.06	7.67	1.80	9.3	8.75	12.5	37	170 ml/min
0905	3.40	7.67	1.80	11.0	8.77	12.4	38	↓
0907	3.74	7.68	1.79	11.8	8.79	12.6	40	
0911	4.42	7.67	1.80	13.1	8.85	12.5	39	
0915	5.10	7.69	1.80	15.0	8.73	12.6	39	
0918	5.61	7.67	1.81	17.2	8.79	12.5	41	
0920	Collect	Sample	OB-05	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

0903 DTW = 5.64
0905 " = 5.70
0907 " = 5.78
0911 " = 5.82
0915 " = 5.88
0918 " = 5.92

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: OB-06

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1440 END 1525

JOB NUMBER: 3031052006.07

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: 3.47 FT

WELL DEPTH: 16.95 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 5.30 FT

SCREEN LENGTH: 10 FT

PID WELL MOUTH: — PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 1.83 FT

DRAWDOWN VOLUME: 0.3 GAL

PRODUCT THICKNESS: 0 FT

((initial - final) x 0.16 {2-inch} or x 0.65 {4-inch} or x 1.5 {6-inch})

PURGE RATE: 0.15 L/MIN

BEGIN PURGING: 1443

END PURGING: 1523

TOTAL VOL. PURGED: 1.61 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
1454	1.98	7.08	0.608	11.1	2.17	12.3	29	180ml/min
1458	2.58	7.66	0.602	11.1	2.09	12.7	19	150ml/min
1503	3.20	7.67	0.609	12.0	1.93	13.1	11	135ml/min
1508	3.83	7.67	0.607	16.2	1.76	13.3	0	11
1512	4.43	7.68	0.610	18.7	1.71	12.4	-18	150ml/min
1515	4.88	7.69	0.608	20.9	1.58	12.6	-20	11
1519	5.48	7.69	0.607	22.7	1.62	12.6	-27	11
1523	6.08	7.70	0.606	25.8	1.84	12.6	-32	11
1525	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 Deathridge

NOTES

1454 DTW = 4.93
1458 " = 5.04
1503 " = 5.00
1508 " = 4.99
1512 " = 5.12
1515 " = 5.19
1519 " = 5.23
1523 " = 5.30

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-30-07

SITE ID: OB-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1348 END 1435

JOB NUMBER: 3031052006.07

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: 4.09 FT

WELL DEPTH: 20.01 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 5.14 FT

SCREEN LENGTH: 10 FT

PID WELL MOUTH: — PPM

DRAWDOWN: 1.05 FT

DRAWDOWN VOLUME: 0.17 GAL

PRODUCT THICKNESS: 0 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: 0.17 L/MIN

BEGIN PURGING: 1352

END PURGING: 1411

TOTAL VOL. PURGED: 0.86 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
1401	1.71	7.55	0.909	23.9	0	12.0	44	190 ml/min
1404	2.18	7.57	0.913	38.9	0	12.0	32	155 ml/min
1407	2.64	7.59	0.907	53.3	0	12.4	22	"
1411	3.26	7.65	0.912	70.8	0	12.4	4	"
1415	Collect Sample OB-07 for 8260							
1420	Collect Sample OB-07 (MS) for 8260 - Matrix Spike							
1425	Collect Sample OB-07 (MSD) for 8260 - 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 Doucette

NOTES

1401 DTW = 5.09
1404 " = 5.21
1407 " = 5.16
1411 " = 5.14

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-4-07

SITE ID: OB-08

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0942 END 1010

JOB NUMBER: 3031052006.07

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: 6.00 FT

WELL DEPTH: 24.85 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.09 FT

SCREEN LENGTH: 10 FT

PID WELL MOUTH: — PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 2.09 FT

DRAWDOWN VOLUME: 0.34 GAL

PRODUCT THICKNESS: 0 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: 0947

END PURGING: 1007

TOTAL VOL. PURGED: 0.86 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
0955	1.44	6.90	1.23	158	0	13.5	-276	180 ml/min
0958	1.98	6.83	1.23	101	0	13.5	-284	"
1003	2.68	6.83	1.23	199	0	13.8	-294	140 ml/min
1007	3.24	6.84	1.23	~~196~~ 190	0	14.0	-303	
1010	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

Strong methane odor.
Small, dark particulates floating in water.

NOTES

0955 OTW = 7.56
0958 " = 7.89
1003 " = 7.98
1007 " = 8.09

SIGNATURE: Joel Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: OB-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1545 END 1615

JOB NUMBER: 3031052006.07

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: 7.63 FT

WELL DEPTH: 23.3 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.70 FT

SCREEN LENGTH: 10 FT

PID WELL MOUTH: — PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: 1.07 FT

DRAWDOWN VOLUME: 0.18 GAL

PRODUCT THICKNESS: 0 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: 1547

END PURGING: 1611

TOTAL VOL. PURGED: 1.06 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
1555	1.52	7.10	0.833	14.4	0.55	13.5	49	190ml/min
1559	2.14	7.10	0.834	19.9	0.09	13.8	36	155 ml/min
1602	2.60	7.10	0.832	25.8	0	13.7	27	"
1608	3.54	7.11	0.832	41.4	0	13.6	16	"
1611	4.00	7.11	0.829	47.7	0	13.8	11	"
1615	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

1555 DTW = 8.57

1559 " = 8.59

1602 " = 8.60

1608 " = 8.68

1611 " = 8.70

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: W-5

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1245 END 1330

JOB NUMBER: 3031052006.07

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: 5.79 FT

WELL DEPTH: 21.80 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.76 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: — PPM

DRAWDOWN: 2.97 FT

DRAWDOWN VOLUME: 0.5 GAL

PRODUCT THICKNESS: 0 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: 1252

END PURGING: 1322

TOTAL VOL. PURGED: 1.1 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
1309	2.55	7.13	0.835	36.3	0.54	11.4	0	150ml/min
1312	3.00	7.13	0.835	41.6	0	11.3	-13	"
1317	3.60	7.13	0.834	25.9	0	11.4	-28	120ml/min
1322	4.20	7.13	0.834	18.1	0	11.5	-37	"
1325	Collect Sample		W-5 for 8260					
1330	Collect Sample		W-5 (dup) 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

1309 DTW = 8.33

1312 " = 8.59

1317 " = 8.72

1322 " = 8.76

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event
DATE: 5-3-07
SITE ID: TW-04
SITE TYPE: Monitor Well
SITE ACTIVITY: START 1040 END 1130
JOB NUMBER: 3031052006.07

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	8.58 FT	WELL DEPTH	20.72 FT	PID AMBIENT AIR	~ PPM
WELL DIAMETER	2 IN	FINAL DEPTH TO WATER	10.87 FT	SCREEN LENGTH	5 FT
PID WELL MOUTH	~ PPM	DRAWDOWN	2.29 FT	DRAWDOWN VOLUME	0.4 GAL
PRODUCT THICKNESS	0 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: 0.12 L/MIN
BEGIN PURGING: 1045
END PURGING: 1129
TOTAL VOL. PURGED: 1.4 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
1055	1.65	7.28	0.629	9.6	5.93	11.5	62	150 ml/min
1059	2.18	7.28	0.624	11.9	5.11	11.9	48	133 ml/min
1104	2.71	7.28	0.625	13.6	4.79	12.3	45	125 ml/min
1109	3.23	7.28	0.630	17.5	4.09	12.4	45	"
1114	3.76	7.28	0.631	30.4	3.99	12.3	33	"
1119	4.28	7.29	0.626	34.7	3.82	12.0	37	"
1124	4.81	7.30	0.634	40.0	3.38	12.0	34	"
1129	5.33	7.30	0.632	43.5	3.26	11.9	29	"
1130	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

Well sampled @ 1130 because turbidity was slowly increasing.

NOTES

1055	DTW	= 10.36
1059	"	= 10.59
1104	"	= 10.64
1109	"	= 10.69
1114	"	= 10.74
1119	"	= 10.78
1124	"	= 10.83
1129	"	= 10.87

SIGNATURE:

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-30-07

SITE ID: TW-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0950 END 1020

JOB NUMBER: 3031052006.07

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: 7.70 FT

WELL DEPTH: 20.72 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 8.51 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: ~ PPM

DRAWDOWN: 0.81 FT

DRAWDOWN VOLUME: 0.13 GAL

PRODUCT THICKNESS: 0 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: 0.167 L/MIN

BEGIN PURGING: 0954

END PURGING: 1020

TOTAL VOL. PURGED: 1.15 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
1010	2.67	6.70	1.11	18.2	2.39	10.9	54	167 ml/min
1013	3.17	6.71	1.13	21.6	2.93	10.9	49	"
1017	3.84	6.70	1.13	25.7	2.90	10.9	~~49~~ 46	"
1020	4.34	6.71	1.13	28.6	2.87	10.9	47	"
1020	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: _____

NOTES

1010 DTW = 8.41

1013 DTW = 8.46

1017 " = 8.50

1020 DTW = 8.51

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: TW-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0830 END 0935

JOB NUMBER: 3031052006.07

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: 12.15 FT

WELL DEPTH: 17.70 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.62 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: ~ PPM

DRAWDOWN: 0.47 FT

DRAWDOWN VOLUME: 0.08 GAL

PRODUCT THICKNESS: 0 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: 0834

END PURGING: 0931

TOTAL VOL. PURGED: 3.01 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
0844	2.80	6.85	0.778	8.4	0.909	11.1	39	200ml/min
0847	3.20	6.86	0.781	8.6	2.85	11.1	30	"
0850	3.80	6.87	0.780	7.2	2.80	11.0	23	"
0853	4.40	6.88	0.781	8.1	2.72	10.9	21	"
0856	5.00	6.89	0.780	9.3	2.63	10.8	20	"
0858	5.40	6.90	0.770	10.8	2.55	10.8	23	"
0901	6.00	6.88	0.772	11.5	2.42	10.8	24	"
0904	6.60	6.89	0.772	12.0	2.34	10.7	28	"
0907	7.20	6.89	0.767	9.1	2.24	10.7	29	"
0910	7.80	6.90	0.765	11.9	2.00	10.8	27	"
0914	8.60	6.91	0.781	9.6	1.92	10.7	24	"
0925	10.20	6.94	0.792	11.4	1.60	10.7	17	"
0929	11.00	6.96	0.737	9.3	1.56	10.7	15	"
0931	11.40	6.96	0.736	8.6	1.53	10.8	14	"

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

0935 Collect Sample TW-09 for 8260

SIGNATURE: Joe Deatherage

NOTES

0844	DTW	= 12.39
0847	"	= 12.42
0850	"	= 12.45
0853	"	= 12.47
0856	"	= 12.50
0858	"	= 12.52
0901	"	= 12.53
0904	"	= 12.54
0907	"	= 12.56
0910	"	= 12.57
0914	"	= 12.58
0925	"	= 12.61
0929	"	= 12.62
0931	"	= "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: TW-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1455 END 1520

JOB NUMBER: 3031052006.07

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
- [X] TOP OF WELL RISER
- [ ] TOP OF PROTECTIVE CASING
- [ ] OTHER _____

INITIAL DEPTH TO WATER	7.87 FT	WELL DEPTH	17.45 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT
FINAL DEPTH TO WATER	8.80 FT	SCREEN LENGTH	5 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DRAWDOWN	0.93 FT	DRAWDOWN VOLUME	0.15 GAL	PID AMBIENT AIR	— PPM
PRODUCT THICKNESS	0 FT	PID WELL MOUTH	— PPM	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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.26 L/MIN	1500	1518	1.22 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
1511	2.86	7.08	0.018	9.3	4.74	10.0	82	260 ml/min
1514	3.61	7.07	0.019	10.0	5.45	10.1	77	250 ml/min
1516	4.11	7.08	0.019	9.2	5.53	10.1	74	"
1518	4.61	7.07	0.023	12.5	5.46	10.2	71	"
1520	Collect sample TW-17 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

1511 DTW = 8.82
1514 " = 8.80
1516 " = 8.81
1518 " = 8.80

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

1/2

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 8-2-07

SITE ID: TW-20

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1540 END 1650

JOB NUMBER: 3031052006.07

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: 12.32 FT

WELL DEPTH: 17.22 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.92 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: ~ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

DRAWDOWN: 0.60 FT

DRAWDOWN VOLUME: 0.1 GAL

PRODUCT THICKNESS: 0 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: 1540

END PURGING: 1647

TOTAL VOL. PURGED: 3.43 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
1548	1.20	7.12	0.711	16.9	10.15	10.1	72	200ml/min
1551	1.80	7.16	0.674	14.3	2.50	9.8	60	"
1554	2.40	7.18	0.645	18.0	3.99	9.8	51	"
1557	3.00	7.17	0.647	16.0	3.51	9.8	47	"
1603	4.20	7.17	0.646	17.1	4.65	10.1	43	"
1606	4.80	7.16	0.645	19.5	4.71	9.7	40	"
1609	5.40	7.16	0.646	18.9	4.49	9.9	37	"
1613	6.20	7.16	0.642	23.6	4.84	9.8	36	"
1616	6.80	7.18	0.643	24.8	4.00	10.0	35	"
1619	7.40	7.16	0.643	25.0	4.25	9.9	34	"
1624	8.40	7.16	0.642	20.1	4.73	9.9	33	"
1628	9.20	7.16	0.643	29.9	4.73	9.7	32	"
1632	10.00	7.16	0.641	32.2	5.10	9.7	32	"
1639	11.40	7.16	0.648	38.6	5.74	9.9	32	"

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

1548 DTW = 12.02
1551 " = 12.68
1554 " = 12.72
1603 " = 12.80
1606 " = 12.82
1609 " = 12.83
1613 " = 12.85
1616 " = 12.86
1619 " = 12.86
1624 " = 12.87
1628 " = 12.89
1639 " = 12.90

Mactec Engineering and Consulting

R12

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: TW-20

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1540 END 1650

JOB NUMBER: 3031052006.07

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: 12.32 FT

WELL DEPTH: 17.22 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 2 IN

FINAL DEPTH TO WATER: 12.92 FT

SCREEN LENGTH: 5 FT

PID WELL MOUTH: — PPM

DRAWDOWN: 0.60 FT

DRAWDOWN VOLUME: 0.1 GAL

PRODUCT THICKNESS: 0 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: 1542

END PURGING: 1647

TOTAL VOL. PURGED: 3.43 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
1643	12.10	7.16	0.040	40.2	5.66	10.0	30	200ml/min
1647	13.00	7.16	0.042	36.2	5.66	9.9	29	1l
1650	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: Joel Cattle

NOTES

1643 DTW= 12.92

1647 DTW= 11

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event
DATE: 5-2-07
SITE ID: BR-01
SITE TYPE: Monitor Well
SITE ACTIVITY: START 0825 END 0925
JOB NUMBER: 3031052006.07

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	15.55 FT	WELL DEPTH	38.60 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	16.75 FT	SCREEN LENGTH	N/A FT	PID WELL MOUTH	— PPM		
DRAWDOWN	1.20 FT	DRAWDOWN VOLUME	0.8 GAL	PRODUCT THICKNESS	0 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: 0.3 L/MIN
BEGIN PURGING: 0828
END PURGING: 0923
TOTAL VOL. PURGED: 4.4 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
0844	4.8	8.21	0.423	44.4	6.21	11.0	-252	300ml/mn
0846	5.4	8.21	0.423	43.7	5.74	10.9	-258	"
0849	6.3	8.22	0.422	46.9	5.16	10.9	-261	"
0851	6.9	8.22	0.422	41.2	4.68	10.9	-265	"
0853	7.5	8.23	0.422	38.4	4.26	10.9	-267	"
0855	8.1	8.23	0.421	46.6	3.83	11.0	-269	"
0858	9.0	8.24	0.421	42.5	3.33	11.0	-271	"
0900	9.6	8.24	0.421	40.7	3.02	11.0	-273	"
0902	10.2	8.25	0.421	38.7	2.86	11.0	-273	"
0919	15.3	8.26	0.420	35.1	0.34	11.1	-278	"
0921	15.9	8.26	0.420	329	0.30	11.1	-278	"
0923	16.5	8.26	0.420	33.9	0.27	11.0	-278	"
0925	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

0844 DTW = 16.74
0846 " = 16.74
0849 " = 16.75
0851 " = 16.75
0853 " = "
0855 " = 16.72
0858 " = "
0900 " = "
0902 " = "
0919 " = 16.75
0921 " = "
0923 " = "

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: BR-02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0943 END 1015

JOB NUMBER: 3031052006.07

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	21.65 FT	WELL DEPTH	40.75 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	4 IN
FINAL DEPTH TO WATER	21.79 FT	SCREEN LENGTH	~~10~~ BR-NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.14 FT	DRAWDOWN VOLUME	0.09 GAL	PRODUCT THICKNESS	0 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: 0.2 L/MIN

BEGIN PURGING: 0947

END PURGING: 1012

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
0956	1.8	7.43	0.742	182	0	13.1	-87	200ml/min
0959	2.4	7.43	0.743	152	0	13.1	-89	"
1002	3.0	7.44	0.743	145	0	13.0	-71	"
1005	3.6	7.44	0.748	127	0	13.1	-78	"
1009	4.4	7.45	0.748	117	0	13.2	-83	"
1012	5.0	7.45	0.748	123	0	13.3	-89	"
1015	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 Battenas

NOTES

0956 DTW = 21.62
0959 " = 21.67
1002 " = 21.70
1005 " = 21.74
1009 " = 21.77
1012 " = 21.79

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-3

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1700 END 1735

JOB NUMBER: 3031052006.07

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: 9.24 FT

WELL DEPTH: 42.20 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 10.90 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: — PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: 1.66 FT

DRAWDOWN VOLUME: 1.1 GAL

PRODUCT THICKNESS: 0 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: 1702

END PURGING: 1733

TOTAL VOL. PURGED: 2.49 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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1711	3.60	7.66	0.893	252	0	9.9	-243	400ml/min
1713	4.32	7.66	0.893	211	0	9.9	-245	360 ml/min
1715	4.94	7.66	0.887	151	0	9.9	-249	310 ml/min
1719	5.94	7.66	0.887	129	0	10.1	-247	250 ml/min
1721	6.44	7.66	0.896	163	0	10.0	-246	"
1724	7.19	7.66	0.892	129	0	10.0	-247	"
1727	7.94	7.67	0.892	115	0	10.0	-249	"
1730	8.69	7.67	0.893	111	0	10.0	-248	"
1733	9.44	7.67	0.891	109	0	10.2	-249	"
1735	Collect Sample BR-3 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

1711 DTW = 10.31
1713 " = 10.49
1715 " = 10.62
1719 " = 10.69
1721 " = 10.72
1724 = 10.78
1727 = 10.83
1730 = 10.87
1733 = 10.90

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-04

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1150 END 1230

JOB NUMBER: 3031052006.07

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: 18.06 FT

WELL DEPTH: 50.15 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 18.10 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: — PPM

DRAWDOWN: 0.04 FT

DRAWDOWN VOLUME: 0.03 GAL

PRODUCT THICKNESS: 0 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: 0.34 L/MIN

BEGIN PURGING: 1202

END PURGING: 1230

TOTAL VOL. PURGED: 2.10 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
1207	1.72	8.54	0.395	322	0.08	12.89	-50	345 mL/min
1209	2.42	8.53	0.328	303	0	12.93	-99	345 "
1212	3.45	8.53	0.387	276	0	12.94	-145	"
1214	4.14	8.52	0.387	244	0	12.95	-184	"
1216	4.83	8.52	0.387	232	0	12.95	-202	"
1218	5.52	8.52	0.387	204	0	12.98	-220	"
1221	6.56	8.53	0.387	182	0	12.98	-230	"
1223	7.24	8.52	0.387	189	0	12.98	-235	"
1225	7.94	8.52	0.387	186	0	12.98	-242	"
1230	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: Jeff Weaver

NOTES

1207 DTW = 18.05
1209 " = 18.05
1212 " = 18.05
1214 " = 18.10
1216 " = 18.10
1218 " = 18.10
1221 " = "
1223 " = 18.10
1225 " = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: BR-05

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1033 END 1120

JOB NUMBER: 3031052006.07

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: [X] TOP OF WELL RISER [ ] TOP OF PROTECTIVE CASING [ ] OTHER _____

INITIAL DEPTH TO WATER	18.06 FT	WELL DEPTH	50.15 FT	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT
FINAL DEPTH TO WATER	18.35 FT	SCREEN LENGTH	NA FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DRAWDOWN	0.29 FT	DRAWDOWN VOLUME	0.2 GAL	PID AMBIENT AIR	— PPM
PRODUCT THICKNESS	0 FT	PID WELL MOUTH	— PPM	WELL DIAMETER	4 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.28 L/MIN	1038	1110	2.41 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
1053	4.28	8.51	0.163	86.2	1.23	14.4	-294	285 ml/min
1057	5.42	8.50	0.163	94.8	1.15	14.3	-291	285 ml/min
1059	5.98	8.50	0.164	89.6	0.94	14.3	-295	285 ml/min
1101	6.56	8.51	0.163	81.0	0.86	14.3	-300	"
1103	7.12	8.51	0.163	73.4	0.76	14.3	-300	"
1105	7.70	8.51	0.163	69.3	0.69	14.4	-305	"
1108	8.55	8.51	0.163	65.9	0.19	14.4	-308	"
1110	9.12	8.51	0.163	66.4	0.00	14.4	-307	"
1110	Collect sample BR-05 for 8260							
1115	Collect sample BR-05 (MS) for 8260 - matrix spike							
1120	Collect sample BR-05 (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 Deatherage

NOTES

1053 DTW = 18.34
1057 " = 18.34
1059 " = 18.35
1101 " = 18.35
1103 " = 18.35
1105 " = "
1108 " = "
1110 " = "

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: [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	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	N/A FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	YES ___ NO ___ N/A ___
DRAWDOWN	1.94 FT	DRAWDOWN VOLUME	1.3 GAL	PRODUCT THICKNESS	0 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: 0.30 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	0.384	213	0.08	13.01	26	400ml/min
1032	4.14	9.73	0.366	-10	0	12.69	24	315ml/min
1036	5.03	9.75	0.363	-10	0	12.17	22	222ml/min
1040	5.68	9.74	0.304	-10	0	11.82	18	107ml/min
1045	Collect sample	BR-06	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

water had a slight brown tint

SIGNATURE: Joe Deatherage

NOTES

1029 DTW = 13.65
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 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-07

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1105 END 1135

JOB NUMBER: 3031052006.07

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: 22.28 FT

WELL DEPTH: 53.3 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 22.30 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: — PPM

DRAWDOWN: 0.02 FT

DRAWDOWN VOLUME: 0.01 GAL

PRODUCT THICKNESS: 0 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: 1116

END PURGING: 1135

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)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1121	0.95	8.06	3.02	56.8	1.24	12.62	-269	190ml/min
1124	1.52	8.15	3.02	55.3	1.04	12.68	-310	190ml/min
1127	2.09	8.16	3.03	49.0	0.48	12.72	-338	190ml/min
1130	2.69	8.20	3.03	48.8	0.38	12.75	-360	200ml/min
1134	2.49	8.30	3.04	47.3	0.43	12.75	-372	200ml/min
1135	Collect	Sample	BR-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 Deatherage

NOTES

1124 DTW = 22.30

1127 DTW = 22.30

1130 DTW = "

1135 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: BR-08

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1210 END 1255

JOB NUMBER: 3031052006.07

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: 18.00 FT

WELL DEPTH: 74.55 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 4 IN

FINAL DEPTH TO WATER: 21.18 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: — PPM

DRAWDOWN: 3.18 FT

DRAWDOWN VOLUME: 1.4 GAL

PRODUCT THICKNESS: 0 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: 1213

END PURGING: 1252

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 (NTU)	DISSOLVED O_2 (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1225	3.18	8.47	0.844	207.0	1.53	13.9	-325	265 ml/min
1233	4.90	8.45	0.846	133.0	1.22	14.1	-305	295 ml/min
1236	5.41	8.43	0.846	118.0	1.08	14.3	-296	170 ml/min
1239	5.82	8.41	0.845	101.0	1.02	14.5	-288	135 ml/min
1244	6.49	8.40	0.847	98.6	0.44	14.5	-278	"
1248	7.03	8.40	0.850	86.6	0.42	14.6	-277	"
1252	7.57	8.38	0.850	71.8	0.38	14.8	-270	
1255	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: Joe Deatherage

NOTES

1225 DTW = 19.53
1233 " = 20.16
1236 " = 20.34
1239 " = 20.56
1244 " = 20.79
1248 " = 21.00
1252 " = 21.18

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-09

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1410 END 1445

JOB NUMBER: 3031052006.07

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: 18.11 FT

WELL DEPTH: 49.40 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.00 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: ~ PPM

DRAWDOWN: 0 FT

DRAWDOWN VOLUME: 0 GAL

PRODUCT THICKNESS: 0 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: 0.25 L/MIN

BEGIN PURGING: 1413

END PURGING: 1443

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)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1420	1.75	8.37	0.269	81.7	0	12.70	62	250 ml/min
1423	2.50	8.39	0.265	65.2	0.70	12.6	44	"
1425	3.00	8.40	0.262	45.4	0.62	12.6	26	"
1427	3.50	8.42	0.261	47.9	0.50	12.7	10	"
1430	4.25	8.44	0.260	37.3	0.35	12.5	3	"
1432	5.00	8.44	0.258	30.5	0.23	12.6	-8	"
1435	5.75	8.45	0.257	27.4	0.12	12.5	-22	"
1438	6.50	8.46	0.256	25.0	0.07	12.6	-30	"
1440	7.00	8.47	0.255	28.8	0.06	12.5	-47	"
1443	7.50	8.47	0.254	26.2	0.09	12.5	-57	"
1445	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

1420 DTW = 18.10
1423 " = 18.10
1425 DTW = "
1427 " = "
1430 " = "
1432 " = "
1438 " = "
1440 " = "
1443 " = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: BR-10

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1312 END 1340

JOB NUMBER: 3031052006.07

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	17.08 FT	WELL DEPTH	50.25 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	17.78 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM	WELL INTEGRITY: CAP	YES — NO — N/A —
DRAWDOWN	0.10 FT	DRAWDOWN VOLUME	0.15 GAL	PRODUCT THICKNESS	0 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: 0.93 L/MIN

BEGIN PURGING: 1314

END PURGING: 1337

TOTAL VOL. PURGED: 1.78 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
1320	1.71	7.80	0.358	133.0	0	13.4	39	285 ml/min
1331	4.96	7.83	0.357	59.2	0	13.4	-11	295 ml/min
1333	5.54	7.83	0.357	47.2	0	13.4	-21	295 ml/min
1335	6.14	7.84	0.357	34.8	0	13.4	-44	"
1337	6.73	7.84	0.357	41.8	0	13.4	-62	"
1340	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: JeDeatherage

NOTES

1320 DTW = 17.78
1331 " = 17.76
1333 " = 17.78
1335 " = "
1337 " = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-11

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1505 END 1530

JOB NUMBER: 3031052006.07

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: 17.95 FT

WELL DEPTH: 52.0 FT

PID AMBIENT AIR: — PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 17.95 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: — PPM

DRAWDOWN: 0 FT

DRAWDOWN VOLUME: 0 GAL

PRODUCT THICKNESS: 0 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: 0.28 L/MIN

BEGIN PURGING: 1508

END PURGING: 1525

TOTAL VOL. PURGED: 1.28 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
1516	~~1.28~~ 2.28	7.98	0.358	43.5	0	12.5	-213	2.85 m l/m
1518	2.85	8.00	0.358	54.9	0	12.5	-252	"
1520	3.42	8.00	0.358	59.4	0	12.5	-256	"
1522	3.99	8.02	0.358	58.2	0	12.5	-262	"
1525	4.84	8.02	0.355	52.9	0	12.5	-265	"
1525	Collect Sample BR-11 for 8260							
1530	Collect sample BR-11 DUP 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 Leathers

NOTES

1516 DTW = 17.95
1518 " = "
1520 " = "
1522 " = "
1525 DTW = "

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments, 2007 1st Semi-Annual Sampling Event

DATE: 5-2-07

SITE ID: BR-15

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1400 END 1435

JOB NUMBER: 3031052006.07

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	72.45 FT	PID AMBIENT AIR	— PPM	WELL DIAMETER	6 IN
FINAL DEPTH TO WATER	19.57 FT	SCREEN LENGTH	NA FT	PID WELL MOUTH	— PPM		
DRAWDOWN	0.93 FT	DRAWDOWN VOLUME	1.4 GAL	PRODUCT THICKNESS	0 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	BEGIN PURGING	END PURGING	TOTAL VOL. PURGED
0.22 L/MIN	1404	1431	1.57 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
1423	1.98	11.29	0.416	8.4	4.41	14.6	-79	220ml/min
1425	2.42	11.29	0.413	15.9	4.39	14.7	-79	"
1428	~~3.08~~ 5.28	11.29	0.418	11.3	4.44	14.7	-79	"
1431	~~3.74~~ 5.94	11.30	0.424	10.0	4.41	14.8	-78	"
1435	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 Deatherage

NOTES

1423 DTW = 19.33
1425 " = 19.41
1428 " = 19.50
1431 " = 19.57

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: BR-17

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1555 END 1640

JOB NUMBER: 3031052006.07

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: 18.53 FT

WELL DEPTH: 62.2 FT

PID AMBIENT AIR: ~ PPM

WELL DIAMETER: 6 IN

FINAL DEPTH TO WATER: 18.52 FT

SCREEN LENGTH: NA FT

PID WELL MOUTH: ~ PPM

WELL INTEGRITY:

	YES	NO	N/A
CAP	—	—	—
CASING	—	—	—
LOCKED	—	—	—
COLLAR	—	—	—

DRAWDOWN: 0 FT

DRAWDOWN VOLUME: 0 GAL

PRODUCT THICKNESS: 0 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: ~~1555~~ 1601

END PURGING: 1638

TOTAL VOL. PURGED: 2.20 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
1622	4.66	7.52	0.276	135	0.95	12.6	-122	220 mL/min
1624	5.12	7.52	0.276	104	0.82	12.6	-123	230 mL/min
1627	5.81	7.51	0.277	103	0.82	12.8	-127	"
1630	6.50	7.51	0.277	82.9	0.75	12.6	-127	"
1632	6.98	7.53	0.278	111	0.68	12.6	-126	"
1635	7.65	7.53	0.276	86.5	0.64	12.5	-125	"
1638	8.34	7.53	0.279	84.9	0.58	12.5	-121	"
1640	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 Battenas

NOTES

1622 DTW = 18.52
1624 " = "
1627 " = "
1630 " = "
1638 " = "

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: QATB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1045 END 1046

JOB NUMBER: 3031052006.07

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 Deathridge

NOTES

1045 Submit Sample QATB01 (Trip Blank)

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: QAFB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1050 END 1052

JOB NUMBER: 3031052006.07

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
- [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

1050 Collect Sample QAFB01 (Field Blank) off DI water

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-1-07

SITE ID: QARB01

SITE TYPE: Monitor Well

SITE ACTIVITY: START 1055 END 1057

JOB NUMBER: 3031052006.07

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
- [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

1055 Collect Sample QARB01 (rinse blank) off tubing

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: QATB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0805 END 0805

JOB NUMBER: 3031052006.07

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: _____

NOTES

Submit Sample QATB02 (Trip Blank) for 8260

GW_Sample_Form

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 5-3-07

SITE ID: @AFB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0815 END 0815

JOB NUMBER: 3031052006.07

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
- [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

0815 Collect sample @AFB02 (Field blank) from DI water

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: Former Taylor Instruments 2007 1st Semi-Annual Sampling Event

DATE: 8-3-07

SITE ID: @ARB02

SITE TYPE: Monitor Well

SITE ACTIVITY: START 0820 END 0820

JOB NUMBER: 3031052006.07

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

0820 Collect Sample @ARB02

(rinse blank) off rebar.

APPENDIX F

WELL CONSTRUCTION INFORMATION

Appendix F
Well Construction Information

2007 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

2007 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

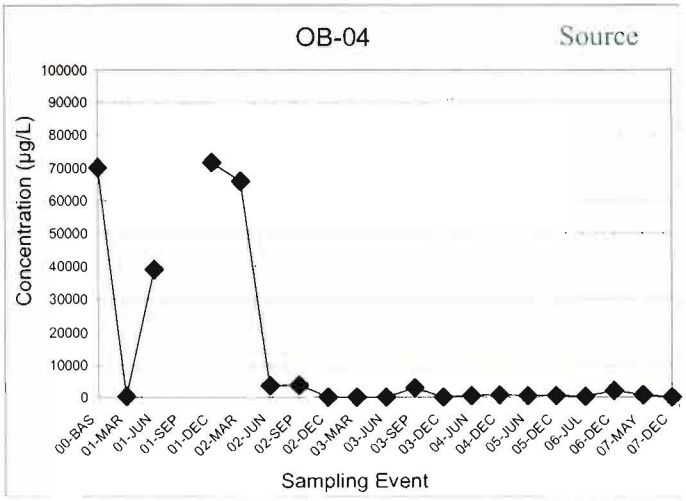
						Screen Interval		Survey Coordinates			Well Material	Completion		
Well ID	Date Installed	Well Purpose/Type	Well Location	Boring Depth	Well Depth	Top	Bottom	Easting	Northing	Elevation	Riser/Screen	Flush-mount	Vault	Stick-up
EW-S-10	08/09/00	Extraction	South Area	22.6	22.5	6.0	21.5	750381.30	1149367.65	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		

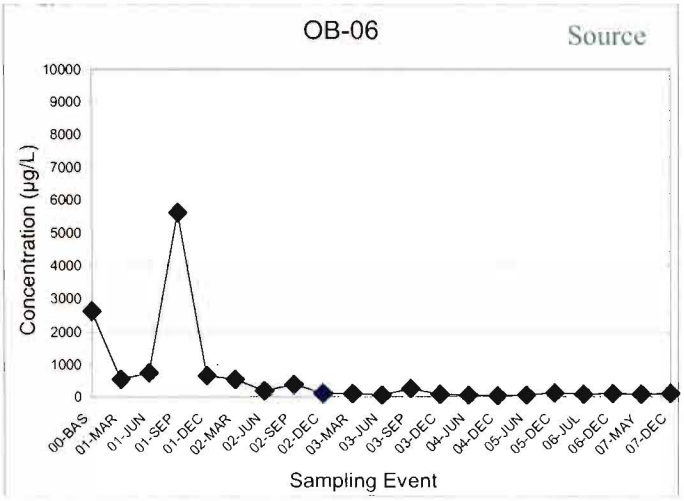
APPENDIX G

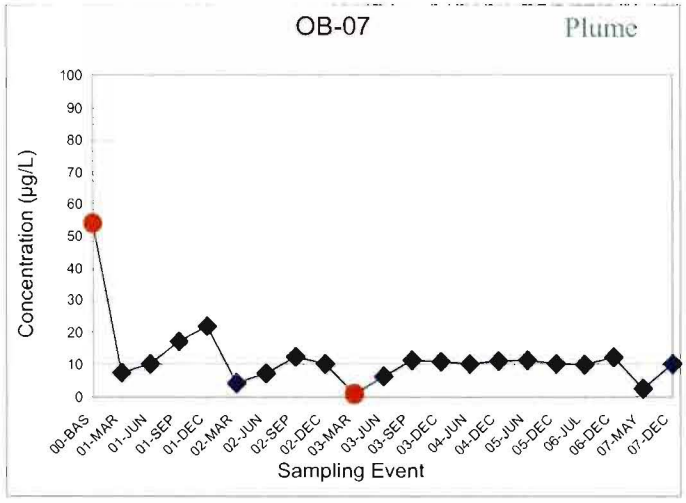
MONITOR WELL CONCENTRATION TREND GRAPHS

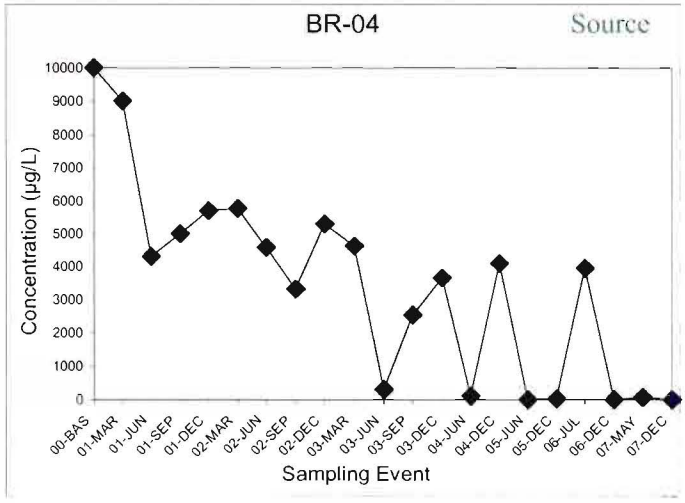
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

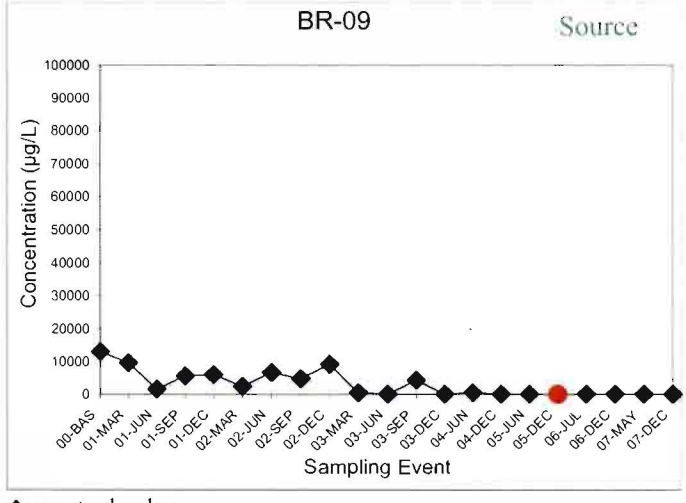
South TCE Area

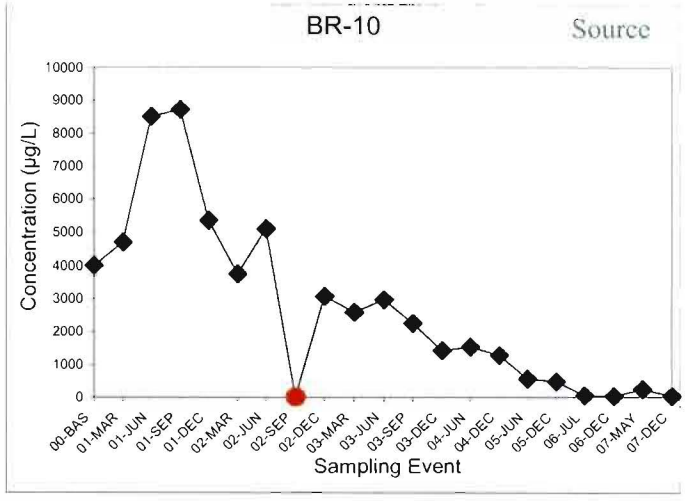










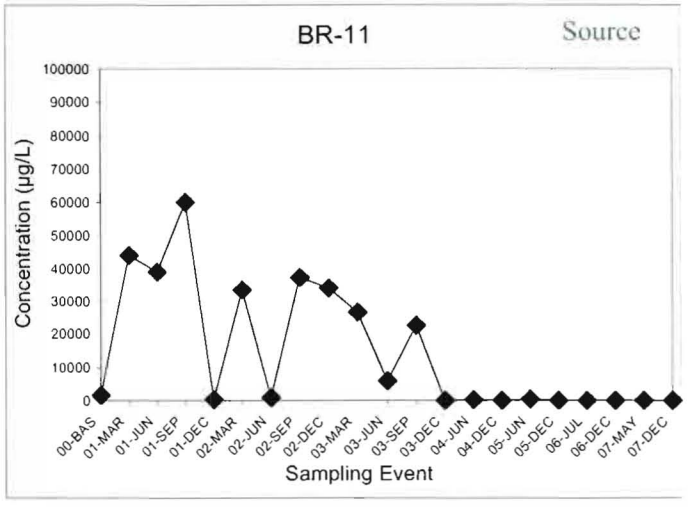


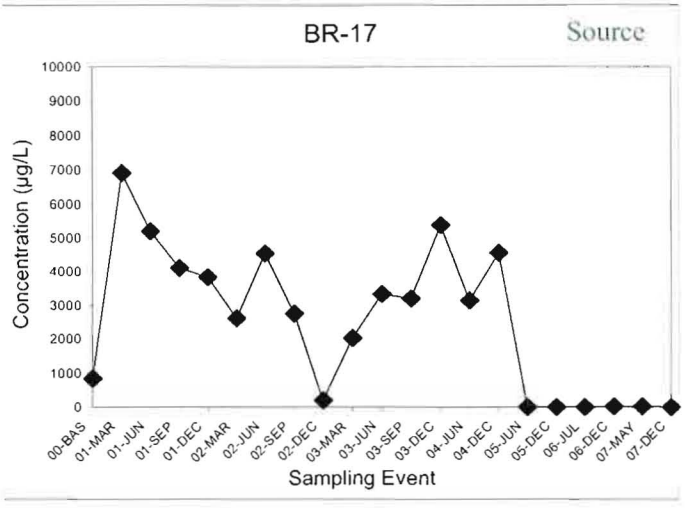
◆ = actual value

● = value below detection limit (as plotted)

Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

South TCE Area

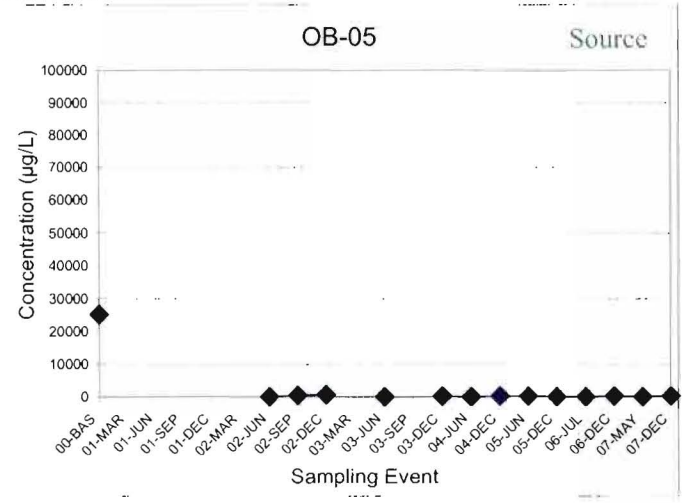


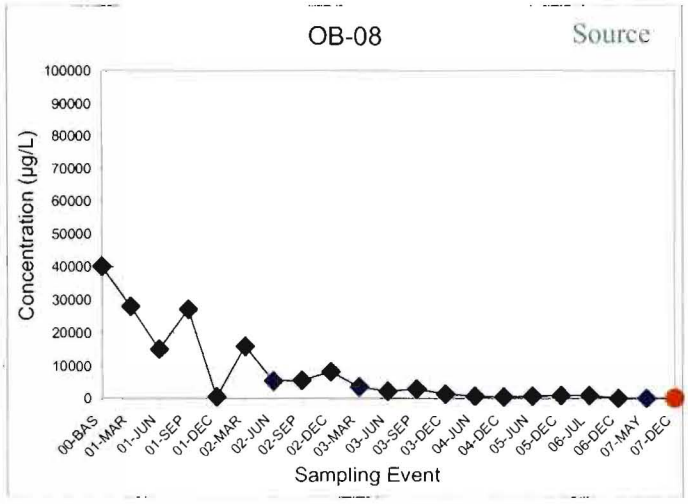


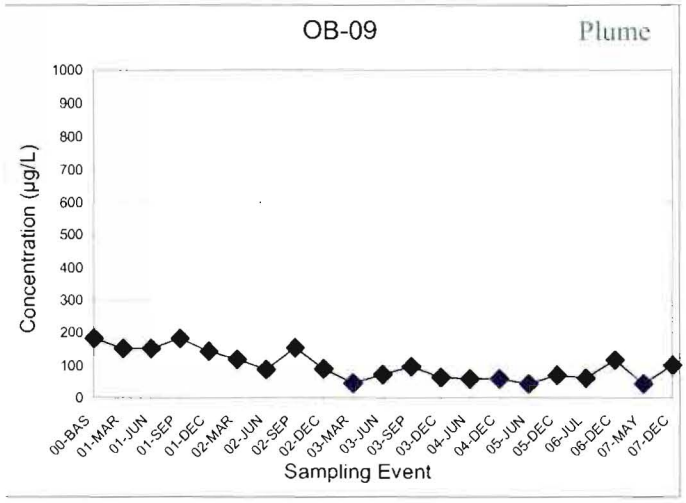
◆ = actual value
● = value below detection limit (as plotted)

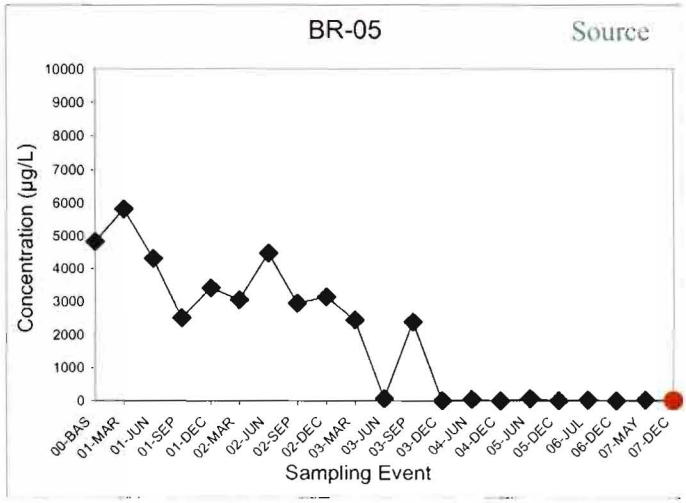
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

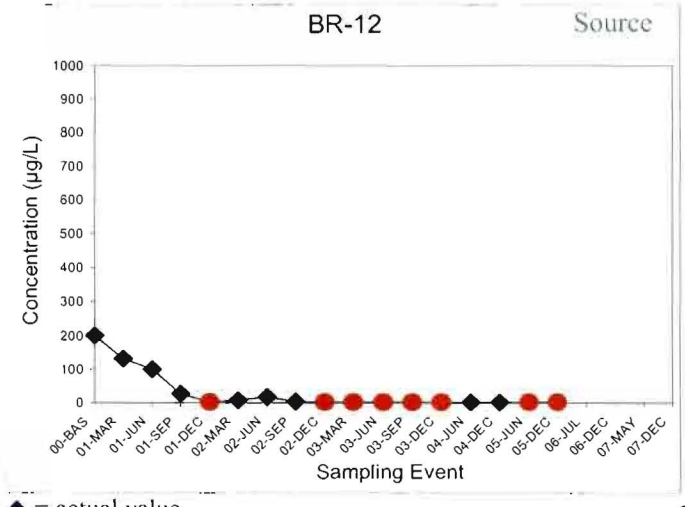
North TCE Area

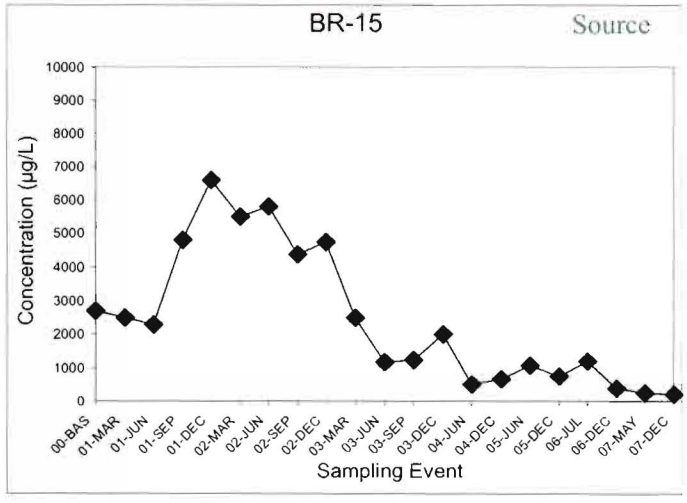








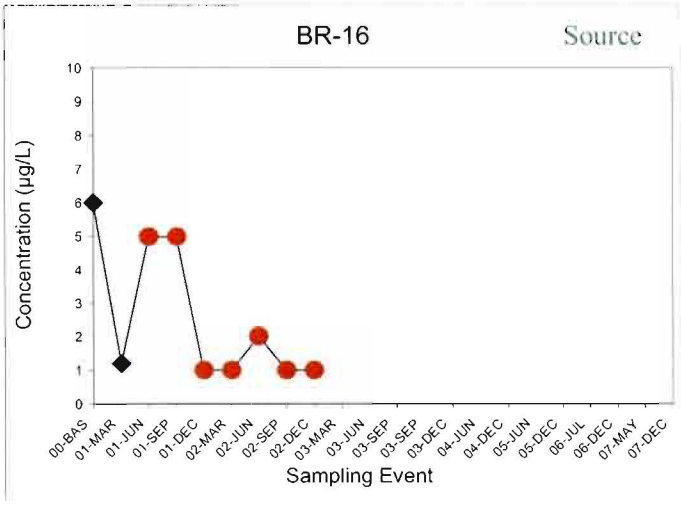




◆ = actual value
● = value below detection limit (as plotted)

Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

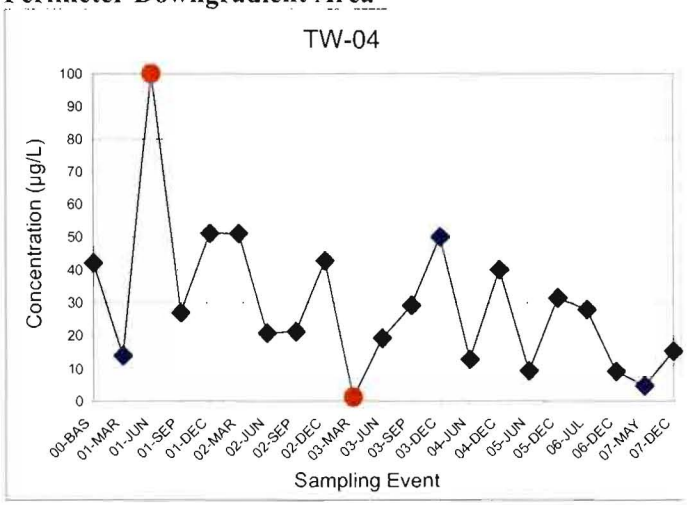
North TCE Area

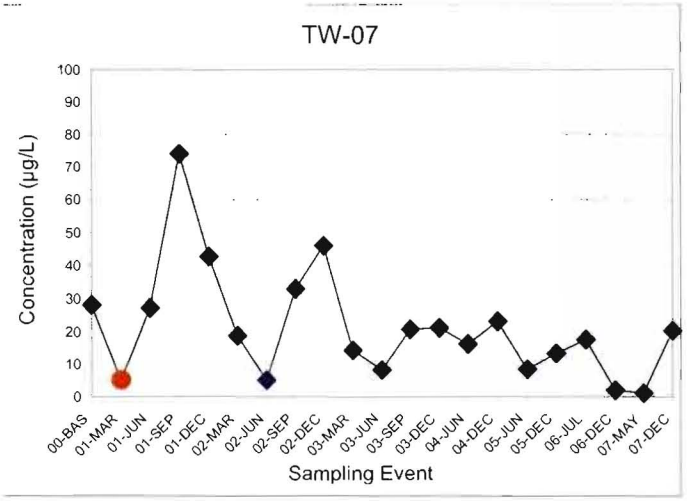


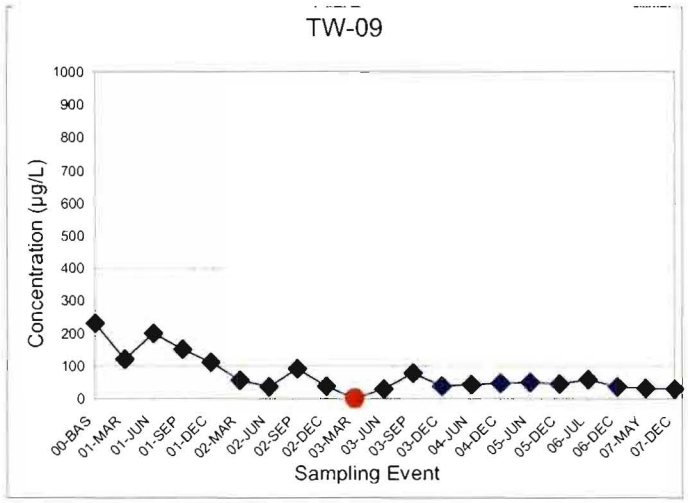
◆ = actual value
● = value below detection limit (as plotted)

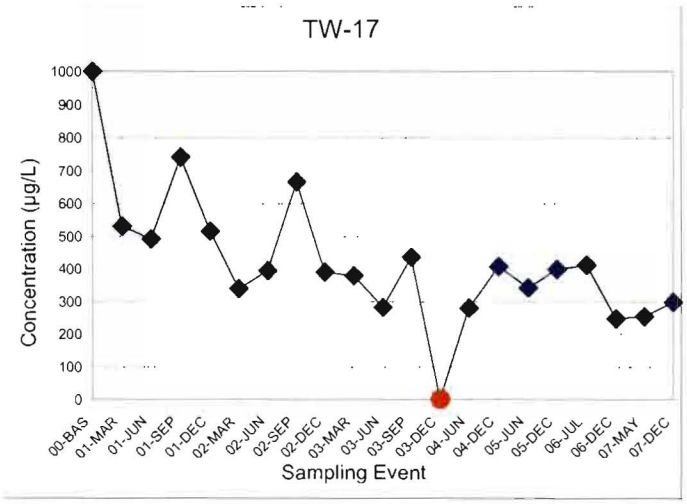
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

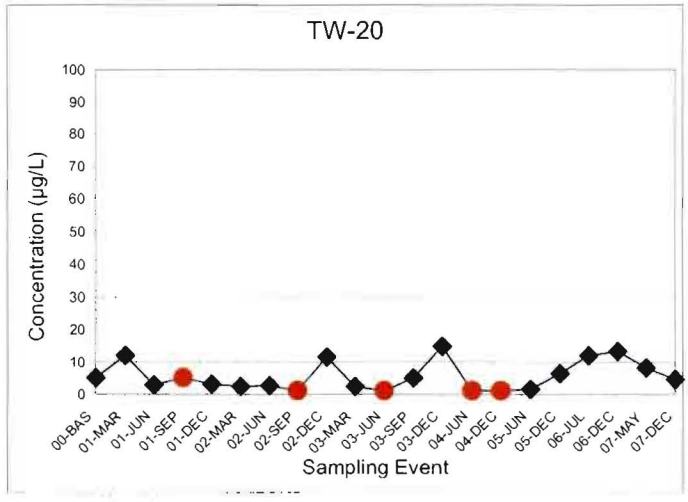
Perimeter Downgradient Area

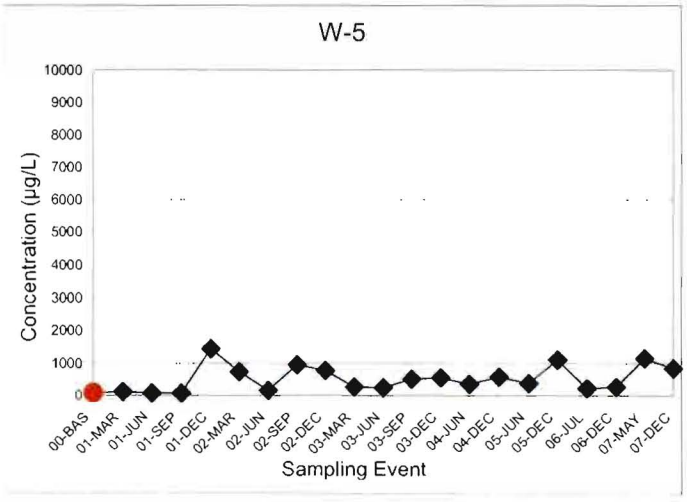








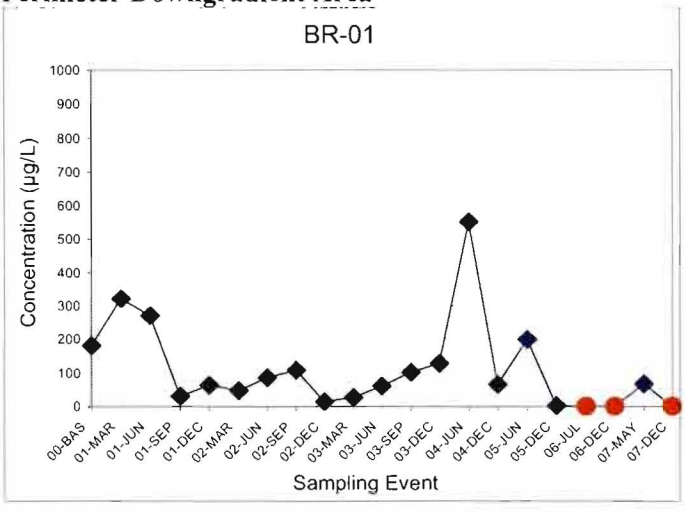


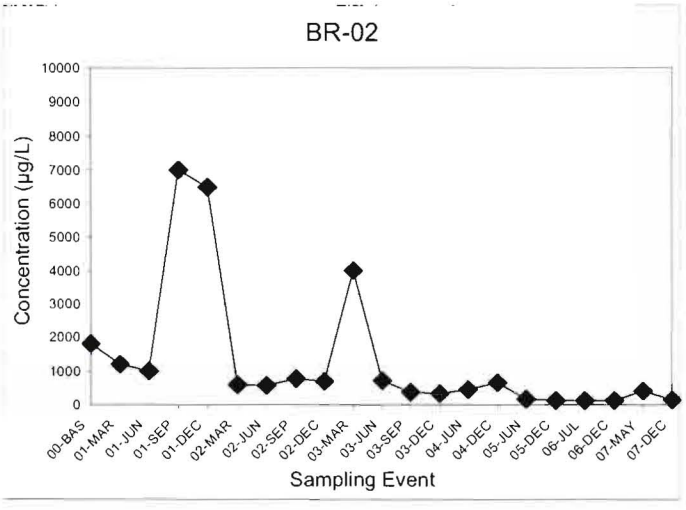


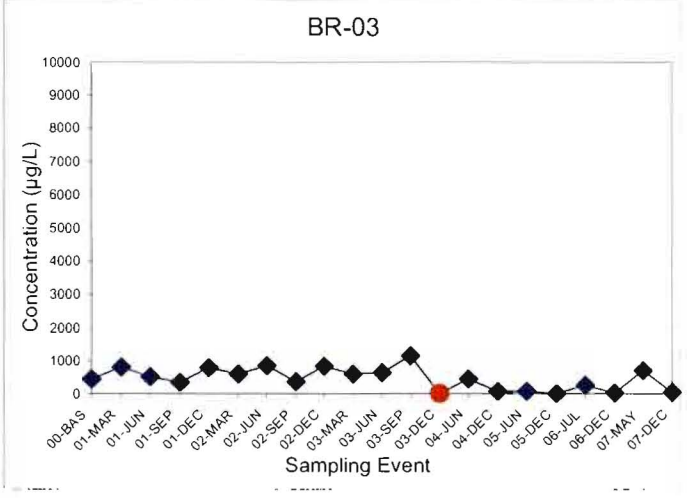
◆ = actual value
● = value below detection limit (as plotted)

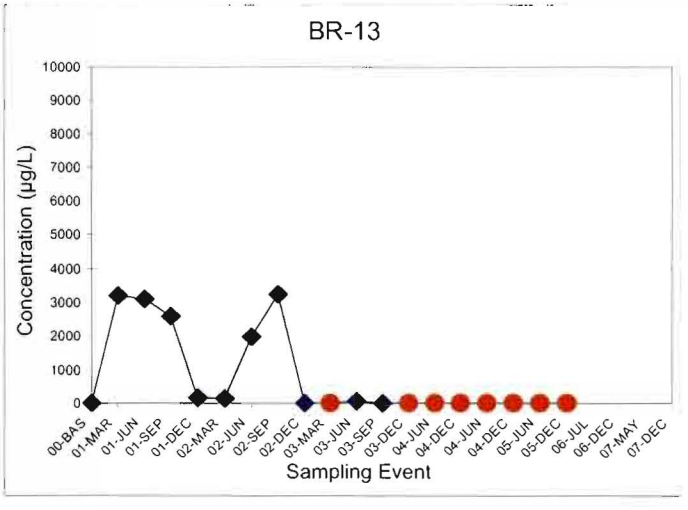
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

Perimeter Downgradient Area





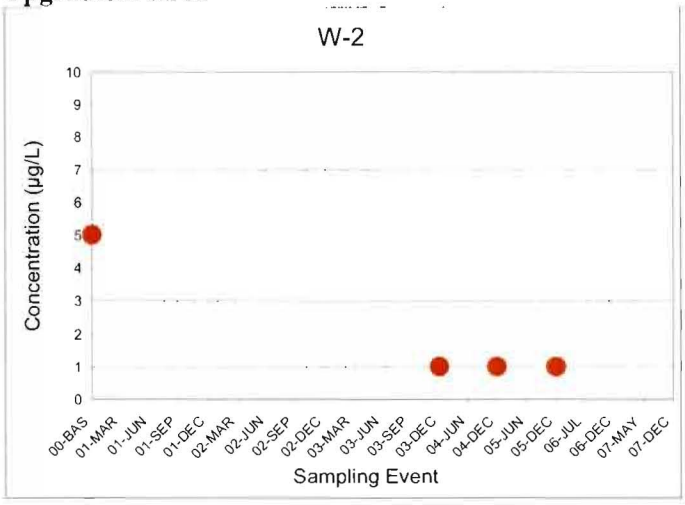


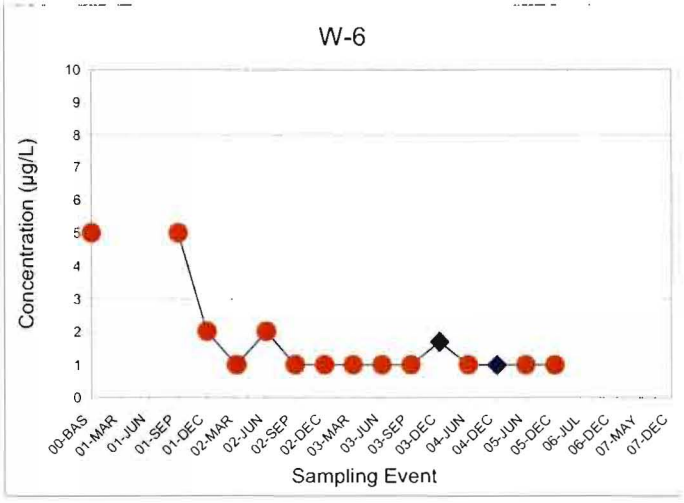


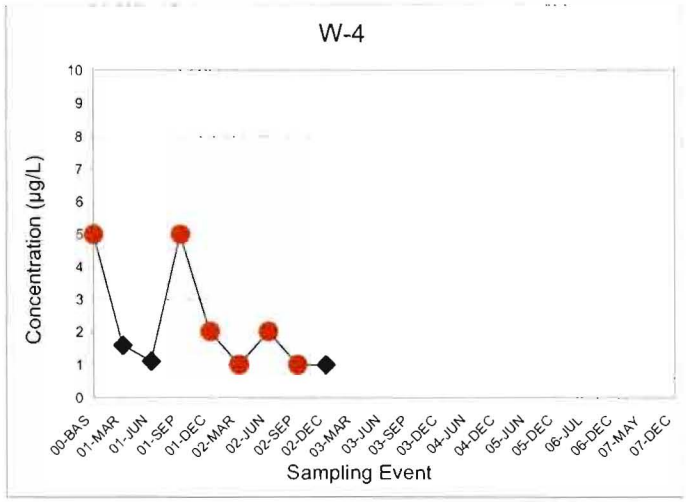
◆ = actual value
● = value below detection limit (as plotted)

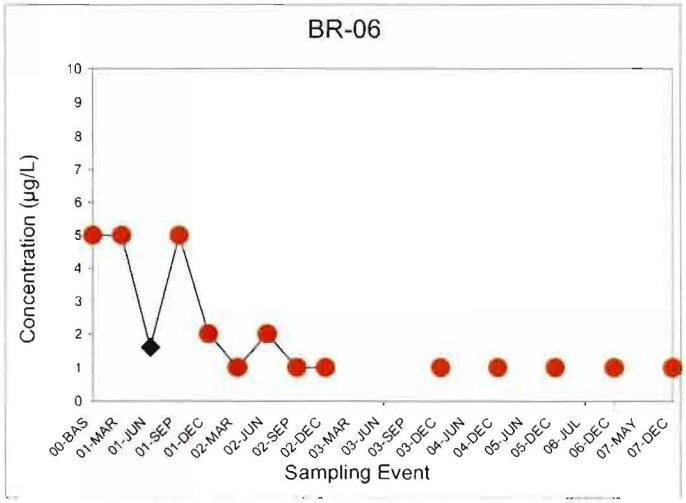
Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

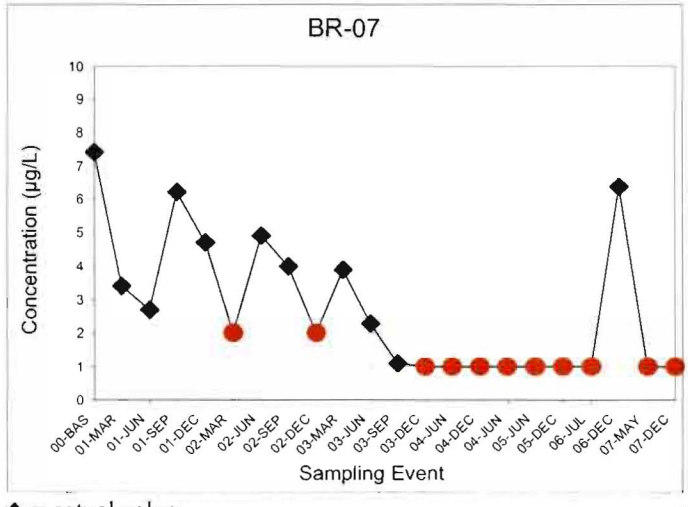
Upgradient Area

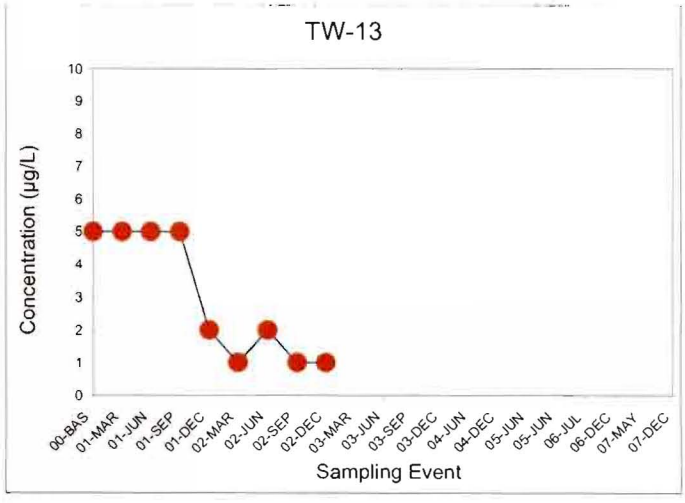








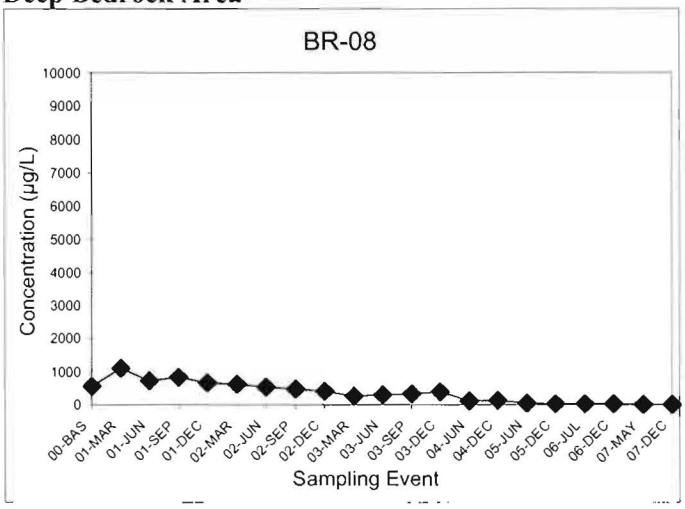


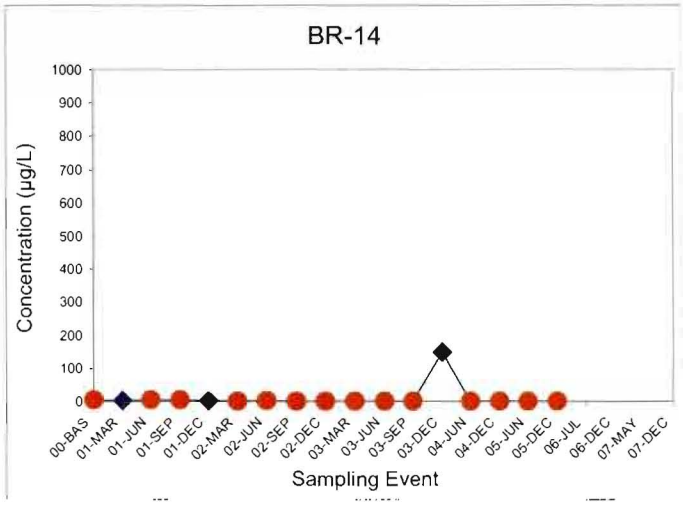


◆ = actual value
● = value below detection limit (as plotted)

Appendix G
Monitor Well Concentration Trend Graphs
(TCE Concentration Trends)

Deep Bedrock Area





◆ = actual value
● = value below detection limit (as plotted)