



engineering and constructing a better tomorrow

February 27, 2009

Mr. David Pratt, PE
Environmental Engineer 2
New York State Department of Environmental Conservation
Region 8 – Division of Environmental Remediation
Avon, NY 14414

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REGION 8

Subject: **Annual Progress Report, Calendar Year 2008**
Voluntary Cleanup Agreement (VCA) Index B8-0508-97-02
Former Taylor Instruments Facility
Rochester, New York
MACTEC Project 3031052006

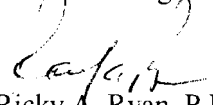
Dear Mr. Putzig:

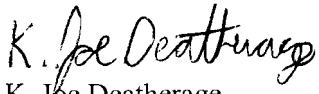
In accordance with Section X.I.B. of the Taylor Instruments Site Voluntary Cleanup Agreement, enclosed please find four copies (one is unbound) of the *Annual Progress Report, Calendar Year 2008*.

Should you have any questions, please call me at (865) 588-8544.

Sincerely,

MACTEC Engineering and Consulting, Inc.


Ricky A. Ryan, P.E.
Senior Principal Project Manager


K. Joe Deatherage
Senior Environmental Engineer

[911] 
Enclosures

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2008 ANNUAL PROGRESS REPORT AND REMEDIAL PROGRESS EVALUATION

FORMER TAYLOR INSTRUMENTS SITE
ROCHESTER, NEW YORK

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MACTEC PROJECT 3031052006

February 2009



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

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LIST OF ACRONYMS

µg/L	micrograms per liter
CO ₂	carbon dioxide
COC	contaminant of concern
DCE	dichloroethylene
1,1-DCE	1,1-dichloroethylene
cis-1,2-DCE	cis-1,2-dichloroethylene
trans-1,2-DCE	trans-1,2-dichloroethylene
DPVE	dual-phase vacuum extraction
HRC	Hydrogen Release Compound
MACTEC	MACTEC Engineering and Consulting, Inc.
mg/L	milligrams per liter
MS	matrix spike
MS/MSD	matrix spike/matrix spike duplicate
MSD	matrix spike duplicate
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 bedrock groundwater extraction system
TCE	trichloroethene
TOC	total organic carbon
VFA	volatile fatty acids
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes activities and results for the semi-annual sampling events for the year 2008. 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 2008 was conducted in May and the second in November. A summary of the sampling event results for 2001-2007 is 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 from January 2001 to 2006 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. TCE has been used to track remedial progress because it is the primary contaminant of concern (COC) remaining at the site. Since the extraction of contaminant mass by the System had reached asymptotic levels, an accelerated bioremediation pilot test was initiated in 2006. MACTEC Engineering and Consulting, Inc. (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 has remained off to optimize conditions that are favorable for bioremediation.

Overall declines of TCE contamination have occurred in all but one of the on-site monitor wells. Results from the pilot test performance monitoring, which concluded in December 2007, were reported to

NYSDEC in the Accelerated Bioremediation Pilot Test Final Report (MACTEC 2008a). Additionally, off-site monitor wells have shown no detectable levels of contamination (Haley & Aldrich of New York 2001a and 2001b).

Pursuant to a letter from NYSDEC dated May 2, 2008 (NYSDEC 2008), Combustion Engineering, MACTEC, Nixon Peabody, and NYSDEC held subsequent discussions during a meeting on July 29, 2008 (MACTEC 2008b). At that meeting it was agreed that additional remediation, in the form of an expansion of the accelerated bioremediation application which has been proven effective at the Site, would be done as the final step in remediating the Site. More specifically, it was agreed that the expanded program would focus on the areas in the vicinity of where the levels of the COCs in the overburden monitoring wells in the two Source Areas currently exceed NYSDEC Class GA Standards.

On October 9, 2008, MACTEC submitted to NYSDEC a *Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System* (MACTEC 2008c) which detailed a proposed expanded bioremediation application using Hydrogen Release Compound (HRC)[®]-Advanced. The expanded bioremediation application is proposed for areas in the vicinities of source area overburden monitoring wells in which concentrations of COCs exceed Class GA Standards: These areas for expanded bioremediation include an area encompassing OB-04 and OB-06 in the South TCE Source Area, and an area encompassing OB-05, OB-08, and OB-09 in the North TCE Source Area. Additionally, the proposed treatment area in the North TCE Source Area was expanded to include nearby perimeter wells W-5 and TW-17, to also accelerate the biodegradation of the COCs reported in these wells. By accelerating the biodegradation of COCs in the overburden groundwater, it is expected that the ongoing overall decreases in COC concentrations in all downgradient locations, as well as, in the bedrock groundwater will continue, but at a more rapid rate. The Work Plan also outlined permanent decommissioning of the DPVE and Bedrock Groundwater extraction and treatment system, including removing all above-ground components of the system, plugging all underground piping with grout, and abandoning of all extraction, vent, and monitoring wells which are not designated for post-closure monitoring. MACTEC is awaiting NYSDEC's approval of the Work Plan.

2.0 SCOPE OF WORK

2.1 MAY AND NOVEMBER 2008 SEMI-ANNUAL SAMPLING EVENTS

MACTEC personnel performed the May and November sampling events to provide an inclusive set of groundwater analytical data for the annual period of 2008. Thirty-six samples in May and 37 samples in November were collected and submitted to Test America, Incorporated, for volatile organic analyses by U.S. Environmental Protection Agency Method 8260B (Table 1, Appendix B). Of the samples collected in May and November, two (OB-04 and OB-08) were also submitted each event for selected natural biodegradation parameters, which include total organic carbon by Method 415.1; methane and ethane by Method RSK175M; carbon dioxide by Method SM4500CO2C; and volatile fatty acids. Data for dissolved oxygen, oxygen reduction potential, pH, and temperature was also collected in the field during each sampling event. Twelve of the 36 samples taken in May and 12 of the 37 samples taken in November 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.

A summary of analytical results for the extraction, overburden, and bedrock monitor wells is presented in Tables 2, 3, and 4, respectively (Appendix B) and in Figures 2 and 3 (Appendix A). A comprehensive table showing historical analytical results for the overburden and bedrock monitor wells is provided in Appendix C. Laboratory reports and chain-of-custody forms for all samples are located in Appendices D and E, respectively. Field measurements of pH, conductivity, temperature, turbidity, oxidation-reduction potential, and dissolved oxygen were collected during purging. Purge and sample data are presented on the field data records located in Appendix F.

2.2 PILOT TEST ACTIVITIES

As an alternative to continued operation of the DPVE and bedrock groundwater extraction System, accelerated bioremediation using 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 and October 2007. MACTEC submitted an Accelerated Bioremediation Pilot Test Final Report (MACTEC 2008a) to the NYSDEC on January 4, 2008. The report summarized the results from the pilot testing and provided conclusions on the effectiveness of the HRC[®]-Advanced. Based on an evaluation of all the monitoring data from the pilot test, it is apparent that the injection of HRC[®]-Advanced has been effective in accelerating biodegradation of the COCs in the overburden groundwater within the North and South TCE Source Areas. Based on the results from the pilot test and from the July 29, 2008 meeting with NYSDEC (MACTEC 2008b), MACTEC submitted to NYSDEC a *Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System* (MACTEC 2008c).

3.0 SUMMARY OF RESULTS

Presented below are the results of the groundwater sampling events conducted from November 2000 to November 2008. Also included is a discussion of TCE contaminant trends from the baseline event (November/December 2000) through 22 subsequent events.

The wells sampled during the semi-annual (May and November 2008) 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 G.

A summary of wells sampled and the analyses performed are found in Table 1 (Appendix B). The baseline sampling event is summarized in Table 2. The sample results for the 2007 and 2008 sampling events are summarized in Tables 3 and 4. These tables present only detected VOC results. 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, since TCE has been the primary COC at the Site. TCE concentration trend graphs for both overburden and bedrock monitor wells are provided in Appendix H. These graphs present data from the baseline and 2001-2008 sampling events. Table 5 presents a summary of the decline of TCE concentrations over time in monitor wells. A comprehensive table showing historical results is provided in Appendix C.

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.

In OB-04, TCE increased from 109 micrograms per liter ($\mu\text{g/L}$) (December 2007) to 125 $\mu\text{g/L}$ (May 2008), but decreased to 44.9 $\mu\text{g/L}$ in November 2008. In OB-06, TCE decreased from 82.9 $\mu\text{g/L}$ (December 2007) to 72.6 $\mu\text{g/L}$ (May 2008), then increased to 89.8 $\mu\text{g/L}$ in November 2008. In OB-07, TCE decreased from 10.2 $\mu\text{g/L}$ (December 2007) to 3.57 $\mu\text{g/L}$ (May 2008), then increased to 14.2 $\mu\text{g/L}$ in

November 2008. The overall TCE decline from historical high values (Table 5) is 99 percent for OB-04, 98 percent for OB-06, and 35 percent for OB-07.

As part of continued monitoring of bioparameters following the bioremediation pilot test, OB-04 was also sampled for volatile fatty acids (VFAs), methane, ethene, total organic carbon (TOC), and carbon dioxide (CO₂). Results of these bioparameters are included in the laboratory report in Appendix D.

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.

In OB-05, TCE decreased from 232 µg/L (December 2007) to 210 µg/L (May 2008), then increased to 257 µg/L in November 2008. In OB-08, TCE remained non detect in both sampling events. In OB-09, TCE decreased from 98.4 µg/L (December 2007) to 55.0 (May 2008), then increased to 129 µg/L in November 2008.

The overall TCE decline from historical high values (Table 5) is 99 percent for OB-05 and OB-08, and 28 percent for OB-09.

As part of continued monitoring of bioparameters following the bioremediation pilot test, OB-08 was also sampled for VFAs, methane, ethene, TOC, and CO₂. Results of these bioparameters are included in the laboratory report in Appendix D.

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 4.

In BR-04, TCE increased from 8.64 µg/L (December 2007) to 332 µg/L (May 2008), but decreased to 7.04 µg/L in November 2008. In BR-09, TCE increased slightly from 1.28 µg/L (December 2007) to 2.88 µg/L (May 2008) and again to 3.01 µg/L in November 2008. In BR-10, TCE increased from 17.8 µg/L (December 2007) to 357 µg/L (May 2008), but decreased to 8.44 µg/L in November 2008. In BR-11, TCE increased from 3.94 µg/L (December 2007) to 10.7 µg/L (May 2008) and again to 31.8 µg/L in November 2008. In

BR-17, TCE increased from 9.06 µg/L (December 2007) to 47.8 µg/L (May 2008), but decreased to 15.4 µg/L in November 2008.

The overall TCE decline from historical high values (Table 5) is 99 percent for BR-04, BR-09, BR-10, BR-11, and BR-17.

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 4. Monitor wells BR-12, BR-14, and BR-16 were not sampled during the May and November 2008 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 non detect in December 2007 to 65.2 µg/L in (May 2008), but decreased to 15.1 µg/L in November 2008. TCE concentrations in monitor well BR-15 decreased from 212 µg/L (December 2007) to 43.4 µg/L (May 2008) and again to 4.08 µg/L in November 2008.

The overall TCE decline from historical high values (Table 5) is 99 percent for BR-05 and BR-15.

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 November 2008 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 considered a background well that was removed from the sampling program (MACTEC 2006) and thus will not be discussed. In BR-07, TCE concentrations remained non detect in May and November 2008. TCE concentrations in BR-07 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-07, 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.

In TW-04, TCE concentrations decreased from 15.2 µg/L (December 2007) to 4.40 µg/L (May 2008) and then increased to 21.3 µg/L in November 2008. In TW-07, TCE concentrations decreased from 20.1 µg/L (December 2007) to non detect (May 2008) and then increased slightly to 7.06 µg/L in November 2008. In TW-09, TCE concentrations increased from 29.8 µg/L (December 2007) to 50.5 µg/L (May 2008) and again to 71.2 µg/L in November 2008. In TW-17, TCE increased from 296 µg/L (December 2007) to 477 µg/L (May 2008), but decreased to 270 µg/L in November 2008. In TW-20, TCE increased from 4.58 and 4.50 µg/L (December 2007 and May 2008, respectively) to 23.0 µg/L in November 2008. In W-5, TCE concentrations increased from 835 µg/L (December 2007) to 1,180 µg/L (May 2008), but decreased to 687 µg/L in November 2008.

The overall TCE decline from historical high values (Table 5) is 58 percent for TW-04, 69 percent for TW-09, 73 percent for TW-17, and 52 percent for W-5. The present TCE concentration in TW-20 (23.0 µg/L) is the historical high value.

Bedrock Monitor Wells

The perimeter downgradient bedrock monitor wells are BR-01, BR-02, BR-03, and BR-13. The sample results for 2007 and 2008 are presented in Table 4 and on Figure 3 (Appendix A). BR-13 was not

sampled in 2008 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006) and thus will not be discussed.

In BR-01, TCE concentrations increased slightly from non detect (December 2007) to 4.19 µg/L (May 2008), but were nondetect again in November 2008. In BR-02, TCE concentrations increased from 134 µg/L (December 2007) to 153 µg/L (May 2008), but decreased to 90.9 µg/L in November 2008. In BR-03, TCE concentrations increased from 35.4 µg/L (December 2007) to 588 µg/L (May 2008), but decreased to 61.8 µg/L in November 2008.

The overall TCE decline from historical high values (Table 5) is 99 percent for BR-01 and BR-02 and 95 percent for BR-03.

Deep Bedrock Monitor Wells

Monitor well BR-14 (North TCE Source Area) was not sampled in 2008 based on recommendations provided in the *2005 Annual Progress Report* (MACTEC 2006) and thus will not be discussed.

In BR-08, TCE concentrations increased slightly from 3.91 µg/L (December 2007) to 5.05 µg/L (May 2008), but decreased to 2.09 µg/L in November 2008. The overall TCE decline from historical high values (Table 4) is 99 percent for BR-08.

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 November 2008 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 November 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 2008

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0562	112	0.0542	4	68-143	23
Chlorobenzene	0.0538	108	0.0532	1	67-140	27
1,1-Dichloroethylene	0.0572	114	0.0557	3	63-157	26
Toluene	0.0518	104	0.0513	0.9	73-139	19
Trichloroethylene	0.0590	111	0.0584	1	57-158	28
Tetrachloroethylene	0.0540	108	0.0531	2	67-150	27

mg/L = milligrams per liter

OB-07 – November 2008

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0480	96	0.0511	6	68-143	23
Chlorobenzene	0.0511	102	0.0540	5	67-140	27
1,1-Dichloroethylene	0.0533	107	0.0567	6	63-157	26
Toluene	0.0487	97	0.0514	5	75-139	19
Trichloroethylene	0.0707	111	0.0745	5	57-158	28
Tetrachloroethylene	0.0548	110	0.0596	8	67-150	27

BR-05 – May 2008

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0538	108	0.0546	1	68-143	23
Chlorobenzene	0.0528	106	0.0534	1	67-140	27
1,1-Dichloroethylene	0.0555	109	0.0569	2	63-157	26
Toluene	0.0503	101	0.0508	0.9	75-139	19
Trichloroethylene	0.119	108	0.120	0.2	57-158	28
Tetrachloroethylene	0.0522	104	0.0529	1	67-150	27

BR-05 – November 2008

Analyte	MS Value (mg/L)	Recovery (%)	MSD Value (mg/L)	RPD	Control Limits (%)	RPD Limit
Benzene	0.0549	110	0.0590	7	68-143	23
Chlorobenzene	0.0534	107	0.0564	5	67-140	27
1,1-Dichloroethylene	0.0602	120	0.0654	8	63-157	26
Toluene	0.0567	113	0.0596	5	75-139	19
Trichloroethylene	0.0685	107	0.0745	8	57-158	28
Tetrachloroethylene	0.0551	110	0.0590	7	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 November 2008 sampling events. Field duplicate precision is presented in the following table.

May 2008

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-07	Trichloroethene	1	1 U		1 U		NC
	cis-1,2-Dichloroethylene	1	2.46		2.40		2.5
	trans-1,2-Dichloroethylene	1	2.70		2.67		1.1
	Vinyl Chloride	1	7.06		7.16		1.4
W-5	cis-1,2-Dichloroethylene	1	314		342		8.5
	trans-1,2-Dichloroethylene	1	4.41		4.33		1.8
	Trichloroethene	1	1,180		1,110		6.1
	Vinyl Chloride	1	6.77	J	13.6	J	67.0

J = estimated value

NC = not calculated

U = no detections

November 2008

Sample ID	Analyte	Practical Quantitation Limit	Sample Result (µg/L)	Flag	Duplicate Result (µg/L)	Flag	RPD
BR-11	cis-1,2-Dichloroethylene	1	100		101		1.0
	trans-1,2-Dichloroethylene	1	16.0		16.1		0.6
	Vinyl chloride	1	2.54		2.59		2.0
	Trichloroethene	1	31.8		30.0		5.8
W-5	cis-1,2-Dichloroethylene	1	143		126		12.6
	trans-1,2-Dichloroethylene	1	3.28		2.88		13.0
	Trichloroethene	1	687		703		2.3
	Vinyl chloride	1	8.86		8.85		0.1

Field duplicate precision was evaluated between the two data sets for detected compounds. RPDs were below the National Functional Data Validation Guidelines of 35 for water samples with the exception of vinyl chloride for sample W-5 during the May 2008 event. Since RPDs for other detected compounds were well below the guideline of 35 RPD for both events, the vinyl chloride values for sample W-5 from the May 2008 event are considered estimated (qualified with a J).

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 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 November 2008 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 the field blanks from the May 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 November 2008 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 November 2008 events. Certain low concentrations of chloroform and bromodichloromethane were reported in two of the rinse samples from the May 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 22 sampling events that occurred in 2001-2008 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 but one site perimeter monitoring wells and in all site interior monitor wells (Table 5). The greatest decrease has been within the two source areas, where all monitoring wells have TCE declines of at least 98 percent.
- 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 5.
- MACTEC provided NYSDEC with an *Accelerated Bioremediation Pilot Test Final Report* (MACTEC 2008a) which summarized results from the pilot test and provided 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 the injection of HRC[®]-Advanced has been effective in reducing TCE contamination in the overburden groundwater within the North and South TCE Source Areas.
- On October 9, 2008, MACTEC submitted to NYSDEC a *Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System* (MACTEC 2008c) which detailed a proposed expanded bioremediation Using HRC[®]-Advanced. The Work Plan also outlined permanent decommissioning of the System, including removing all above-ground components of the system, plugging all underground piping with grout, and abandoning all extraction and vent wells as well as selected monitoring wells not to be included in performance and natural attenuation monitoring. MACTEC is awaiting NYSDEC's approval of the Work Plan.
- Contaminant conditions will continue to be monitored during future semi-annual site-wide groundwater monitoring events. Pending approval of the above-referenced Work Plan and subsequent expanded HRC[®]-Advanced application, post-closure monitoring of natural attenuation will be implemented until groundwater concentrations of the COCs are at or below NYSDEC Class GA Standards.

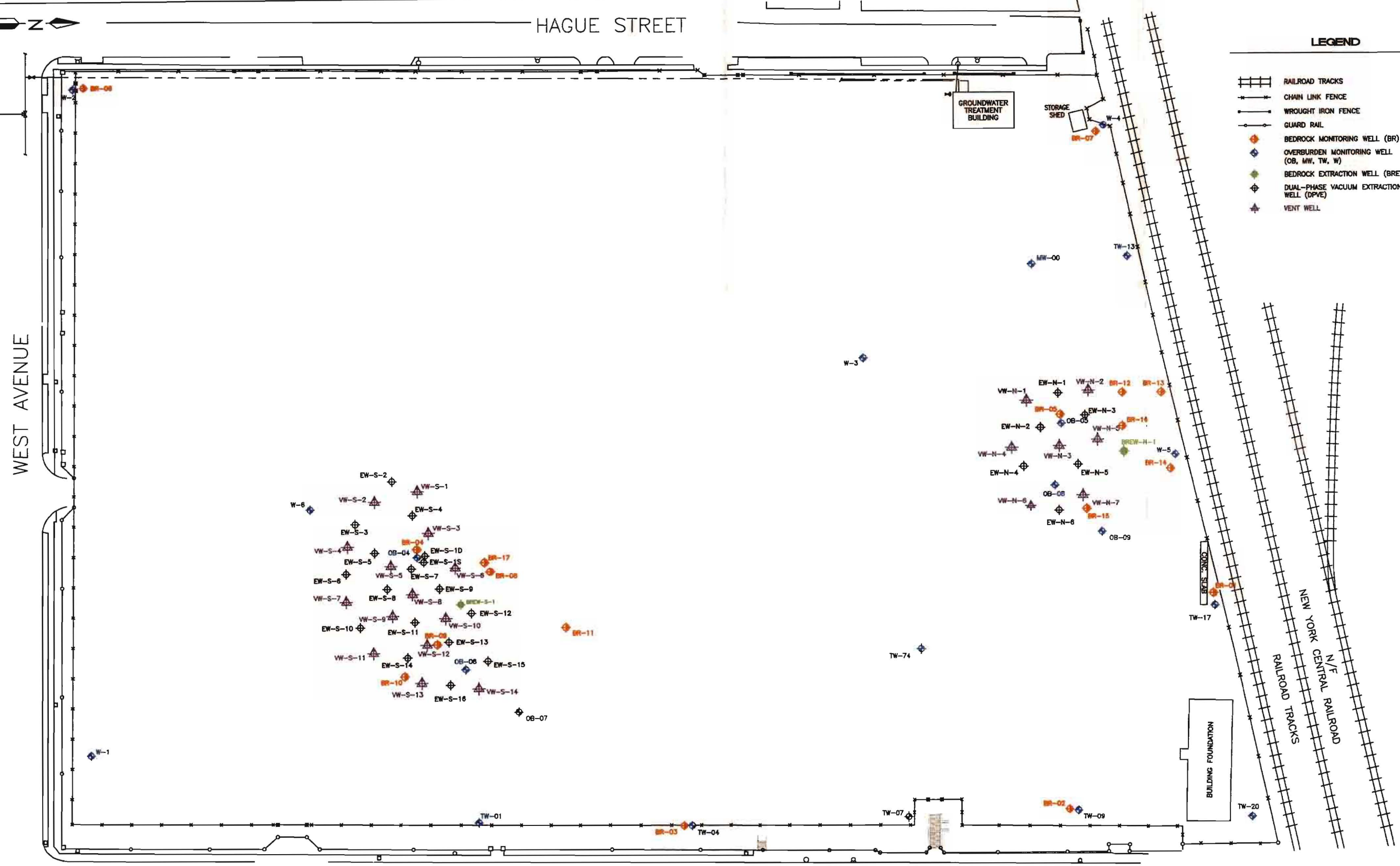
6.0 REFERENCES

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- NYSDEC. 1997. Voluntary Cleanup Agreement regarding the Taylor Instruments Site, Number B8-0508-97-02 (November).
- NYSDEC. 2005. Letter to Ricky A. Ryan with MACTEC Engineering and Consulting (September 2).
- NYSDEC. 2006. Letter to Ricky A. Ryan with MACTEC Engineering and Consulting (August 22).
- NYSDEC. 2008. Letter to Ricky A. Ryan with MACTEC Engineering and Consulting (May 2).

APPENDIX A

FIGURES

DATE: 1-30-09
 PREPARED BY: [Signature]
 DATE: 1-30-09
 CHECKED BY: [Signature]
 DATE: 1-30-09
 FILE: 30 Jan 2009 - 9:27am - [Signature]



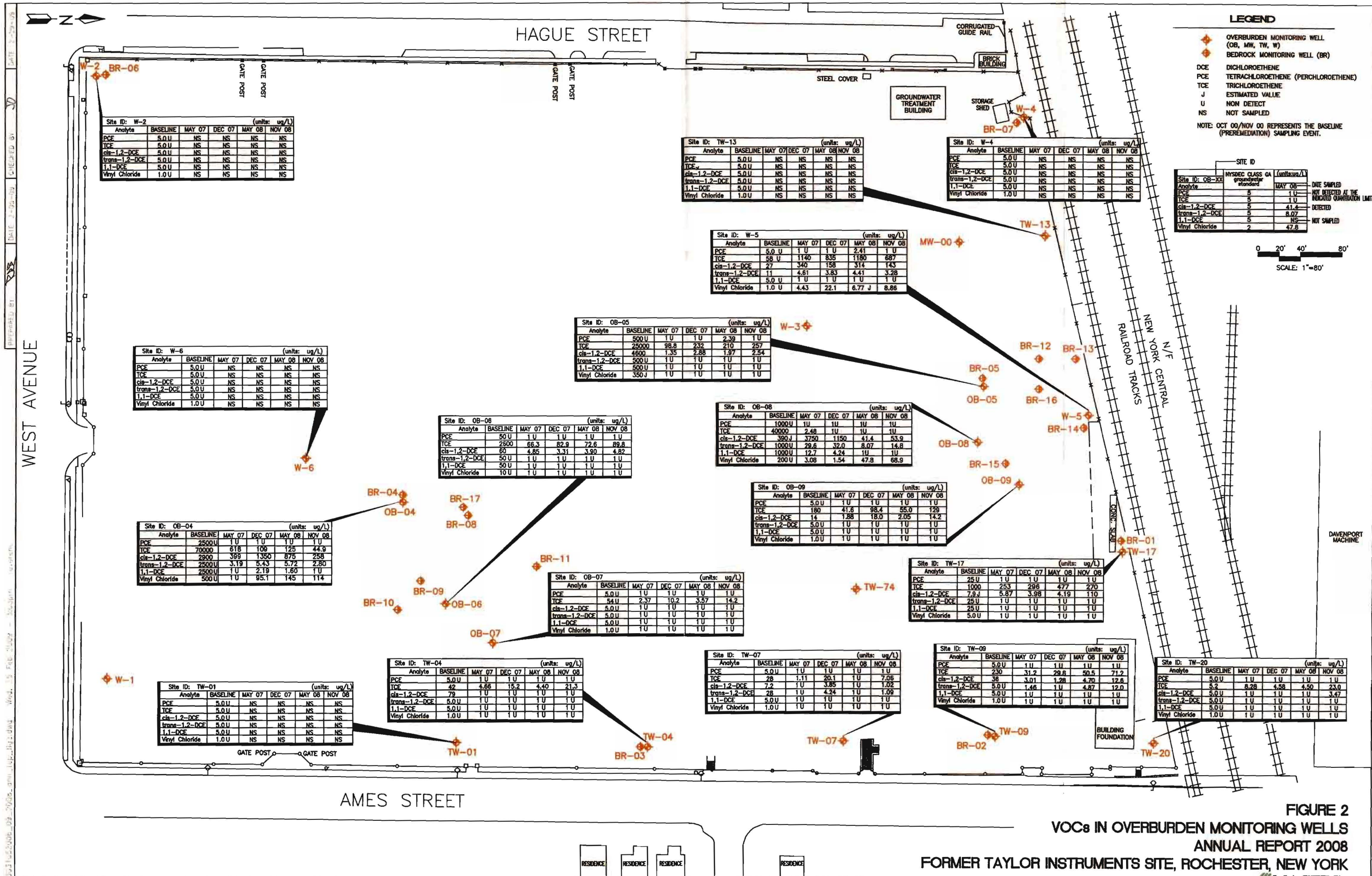
LEGEND

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

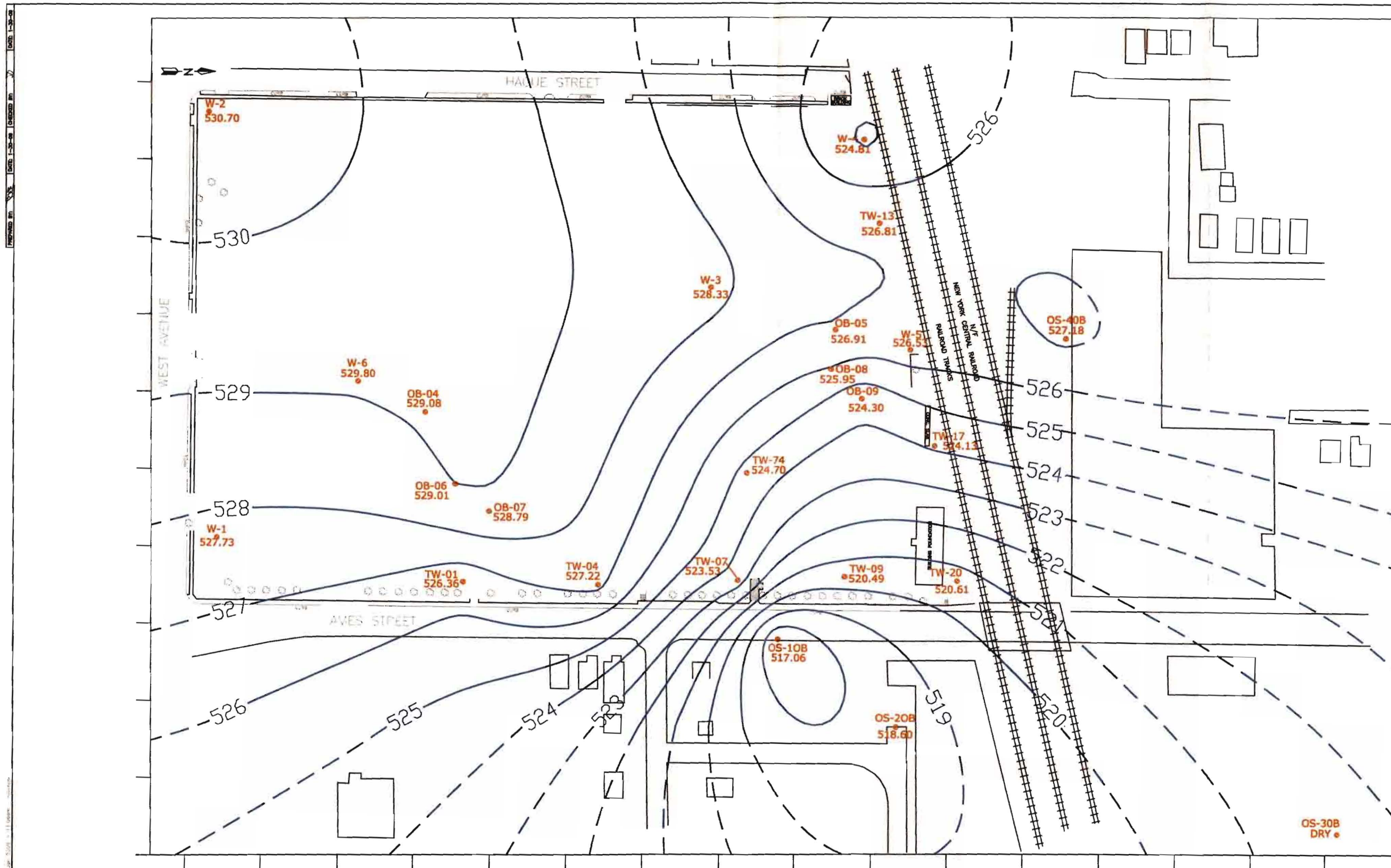
0 80'
 SCALE: 1"=80'

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

FIGURE 1
WELL LOCATIONS
ANNUAL REPORT 2008
FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK
 MACTEC







LEGEND

— 520 — CONTOUR LINE
1' INTERVAL

OB-07 WELL ID

• MONITORING WELL LOCATION
(INCLUDES MW, W, TW, OB)

524.60 WATER LEVEL ELEVATION (feet)

0' 65' 130'

SCALE: 1"=130'

NOTE: DATA FOR MONITOR OS-10B, OS-20B, OS-30B, AND OS-40B WAS PROVIDED BY HALEY AND ALDRICH OF NEW YORK. DATA COLLECTED ON MAY 2, 2008.

FIGURE 4
OVERBURDEN POTENTIOMETRIC SURFACE MAP
MAY 2008 SAMPLING EVENT
ANNUAL REPORT 2008

FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK
MACTEC

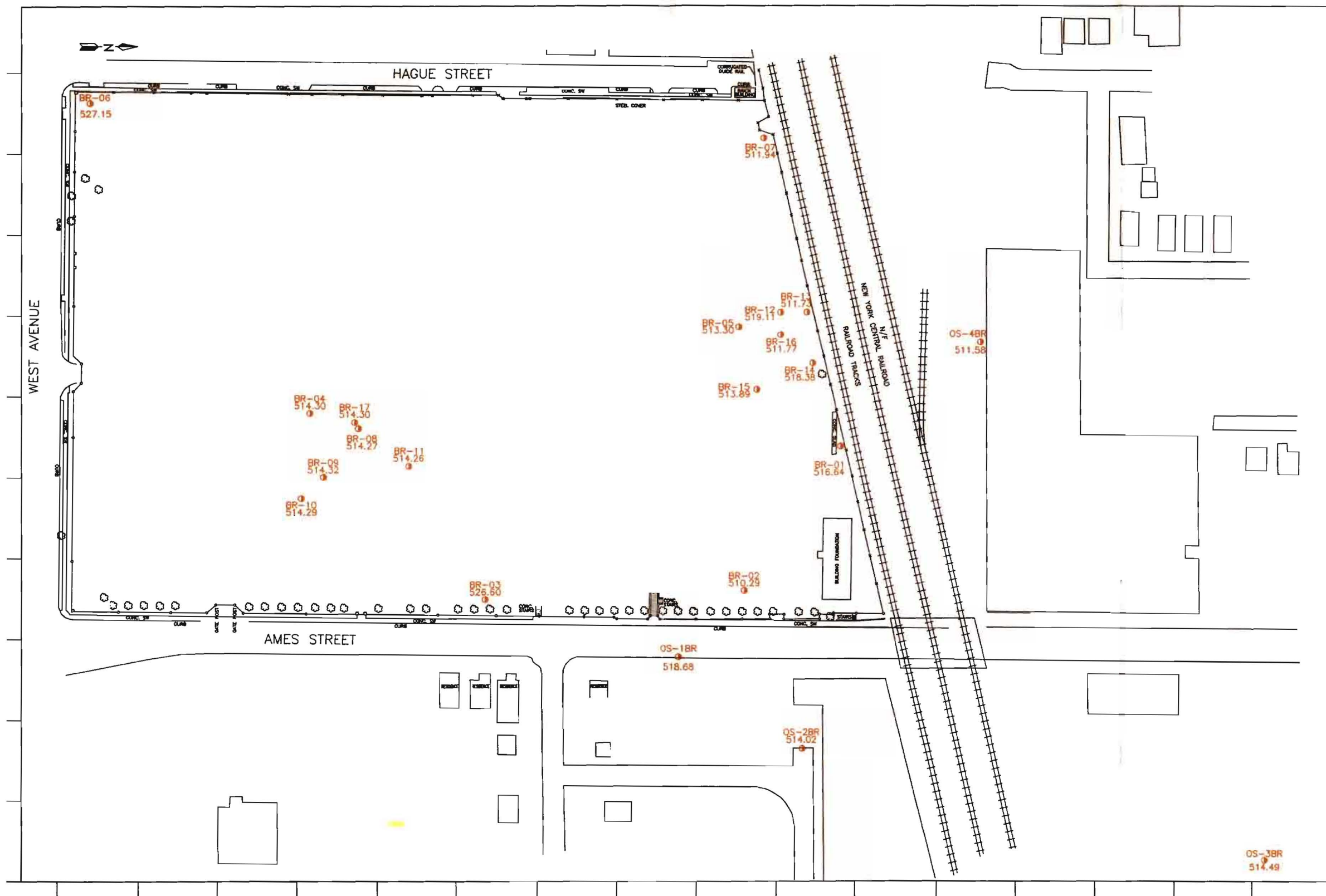


FIGURE 5
 BEDROCK GROUNDWATER ELEVATIONS
 MAY 2008 SAMPLING EVENT
 ANNUAL REPORT 2008
 FORMER TAYLOR INSTRUMENTS SITE, ROCHESTER, NEW YORK
 MACTEC





APPENDIX B

TABLES

Table 1
Samples and Analysis

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Sample Date	VOCs ¹ Analysis	Natural Biodegradation Parameter Analysis ²	Description
BR-01	05/02/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
BR-02	05/02/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
BR-03	05/03/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
BR-04	05/04/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
BR-05	05/04/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
BR-05 (MS)	05/04/08	X		Matrix Spike
	11/06/08	X		Matrix Spike
BR-05 (MSD)	05/04/08	X		Matrix Spike Duplicate
	11/06/08	X		Matrix Spike Duplicate
BR-06	11/05/08	X		Environmental Sample
BR-07	05/02/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
BR-07 (DUP)	05/02/08	X		Duplicate
BR-08	05/05/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
BR-09	05/04/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
BR-10	05/04/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
BR-11	05/03/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
BR-11 (DUP)	11/05/08	X		Duplicate
BR-15	05/04/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
BR-17	05/03/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
OB-04	05/05/08	X	X	Environmental Sample
	11/06/08	X	X	Environmental Sample
OB-05	05/04/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
OB-06	05/03/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
See notes at end of table.				

**Table 1 (Continued)
Samples and Analysis**

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Sample ID	Sample Date	VOCs ¹ Analysis	Natural Biodegradation Parameter Analysis ²	Description
OB-07	05/03/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
OB-07 (MS)	05/03/08	X		Matrix Spike
	11/05/08	X		Matrix Spike
OB-07 (MSD)	05/03/08	X		Matrix Spike Duplicate
	11/05/08	X		Matrix Spike Duplicate
OB-08	05/05/08	X	X	Environmental Sample
	11/06/08	X	X	Environmental Sample
OB-09	05/04/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
QAFB01	05/02/08	X		Field Blank
	11/04/08	X		Field Blank
QAFB02	05/05/08	X		Field Blank
	11/06/08	X		Field Blank
QARB01	05/02/08	X		Rinsate Blank
	11/04/08	X		Rinsate Blank
QARB02	05/05/08	X		Rinsate Blank
	11/06/08	X		Rinsate Blank
QATB01	05/02/08	X		Trip Blank
	11/04/08	X		Trip Blank
QATB02	05/05/08	X		Trip Blank
	11/06/08	X		Trip Blank
TW-04	05/03/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
TW-07	05/03/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
TW-09	05/05/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
TW-17	05/04/08	X		Environmental Sample
	11/05/08	X		Environmental Sample
TW-20	05/02/08	X		Environmental Sample
	11/04/08	X		Environmental Sample
W-5	05/05/08	X		Environmental Sample
	11/06/08	X		Environmental Sample
W-5 (DUP)	05/05/08	X		Duplicate
	11/06/08	X		Duplicate
See notes at end of table.				

Table 1 (Continued)
Samples and Analysis

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

¹ VOCs analyzed by Method 8260B.

² Natural biodegradation parameters include total organic carbon by Method 415.1; methane and ethane by Method RKS175M; carbon dioxide by Method SM4500CO2C; and volatile fatty acids.

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

Prepared by J. Deatherage on 11/17/08

Checked by J. Stone on 12/09/08

Table 2
Summary of Extraction Well VOC Results for the
Baseline Sampling Event

2008 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

Prepared by J. Deatherage on 11/17/08
Checked by J. Stone on 12/09/08

Table 3
Summary of Overburden VOC Results for
the 2007-2008 Sampling Events

2008 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	05/03/07	618	399	3.19	--	--
OB-04	12/13/07	109	1,350	5.43	2.19	95.1
OB-04	05/05/08	125	875	5.72	1.60	145
OB-04	11/06/08	44.9	258	2.80	--	114
OB-05	05/03/07	98.8	1.35	--	--	--
OB-05	12/12/07	232	2.88	--	--	--
OB-05	05/04/08	210	1.97	--	--	--
OB-05	11/06/08	257	2.54	--	--	--
OB-06	05/03/07	66.3	4.85	--	--	--
OB-06	12/12/07	82.9	3.31	--	--	--
OB-06	05/03/08	72.6	3.90	--	--	--
OB-06	11/05/08	89.8	4.82	--	--	--
OB-07	05/03/07	2.37	--	--	--	--
OB-07	12/11/07	10.2	--	--	--	--
OB-07	05/03/08	3.57	--	--	--	--
OB-07	11/05/08	14.2	--	--	--	--
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-08	05/05/08	--	41.4	8.07	--	47.8
OB-08	11/06/08	--	53.9	14.8	--	68.9
OB-09	05/03/07	41.6	1.88	--	--	--
OB-09	12/12/07	98.4	18.0	--	--	--
OB-09	05/04/08	55.0	2.05	--	--	--
OB-09	11/05/08	129	14.2	--	--	--
TW-04	05/03/07	4.66	--	--	--	--
TW-04	12/11/07	15.2	--	--	--	--
TW-04	05/03/08	4.40	--	--	--	--
TW-04	11/04/08	21.3	--	--	--	--
See notes at end of table.						

Table 3 (Continued)
Summary of Overburden VOC Results for the
2007-2008 Sampling Events

2008 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	05/03/07	1.11	--	--	--	--
TW-07	12/10/07	20.1	3.85	4.24	--	--
TW-07	05/03/08	--	--	--	--	--
TW-07	11/04/08	7.06	1.02	1.09	--	--
TW-09	05/03/07	31.2	3.01	1.46	--	--
TW-09	12/13/07	29.8	1.28	--	--	--
TW-09	05/05/08	50.5	4.70	4.87	--	--
TW-09	11/06/08	71.2	12.6	12.0	--	--
TW-17	05/02/07	253	5.87	--	--	--
TW-17	12/12/07	296	3.98	--	--	--
TW-17	05/04/08	477	4.19	--	--	--
TW-17	11/05/08	270	110	--	--	--
TW-20	05/02/07	8.28	--	--	--	--
TW-20	12/11/07	4.58	--	--	--	--
TW-20	05/02/08	4.50	--	--	--	--
TW-20	11/04/08	23.0	3.47	--	--	--
W-2	05/07	NS	NS	NS	NS	NS
W-2	12/07	NS	NS	NS	NS	NS
W-2	05/08	NS	NS	NS	NS	NS
W-2	11/08	NS	NS	NS	NS	NS
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-5	05/05/08	1,180	314	4.41	--	6.77 J
W-5 (DUP)	05/05/08	1,110	342	4.33	--	13.6 J
W-5	11/06/08	687	143	3.28	--	8.86
W-5 (DUP)	11/06/08	703	126	2.88	--	8.85
See notes at end of table.						

Table 3 (Continued)
Summary of Overburden VOC Results for the
2007-2008 Sampling Events

2008 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-6	05/07	NS	NS	NS	NS	NS
W-6	12/07	NS	NS	NS	NS	NS
W-6	05/08	NS	NS	NS	NS	NS
W-6	11/08	NS	NS	NS	NS	NS

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

-- = 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 12/03/08

Checked by J. Stone on 12/09/08

Table 4
Summary of Bedrock VOC Results for the
2007-2008 Sampling Events

2008 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	05/02/07	67.5	10.6	--	--	--
BR-01	12/10/07	--	70.6	4.33	--	--
BR-01	05/02/08	4.19	10.7	1.63	--	--
BR-01	11/04/08	--	98.7	2.23	--	--
BR-02	05/02/07	409	118	15.2	1.26	--
BR-02	12/10/07	134	38.6	14.1	--	--
BR-02	05/02/08	153	74.2	14.0	--	--
BR-02	11/04/08	90.9	48.1	11.4	--	1.54
BR-03	05/01/07	701	7.32	--	1.89	--
BR-03	12/11/07	35.4	21.8	--	--	--
BR-03	05/03/08	588	5.20	--	1.81	--
BR-03	11/04/08	61.8	4.61	--	--	--
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-04	05/04/08	332	647	17.7	2.83	1.37
BR-04	11/06/08	7.04	490	8.51	--	3.28
BR-05	05/02/07	24.8	75.9	5.00	--	9.10
BR-05	12/13/07	--	--	--	--	--
BR-05	05/04/08	65.2	126	7.39	--	11.6
BR-05	11/06/08	15.1	16.3	1.02	--	--
BR-06	05/07	NS	NS	NS	NS	NS
BR-06	12/10/07	--	--	--	--	--
BR-06	05/08	NS	NS	NS	NS	NS
BR-06	11/05/08	--	--	--	--	--
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-07	05/02/08	--	2.46	2.70	--	7.06
BR-07 (DUP)	05/02/08	--	2.40	2.67	--	7.16
BR-07	11/04/08	--	7.98	10.4	--	23.1
See notes at end of table.						

Table 4 (Continued)
Summary of Bedrock VOC Results for the
2007-2008 Sampling Events

2008 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)	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-08 (Deep)	05/05/08	5.05	99.2	6.12	--	12.8
BR-08 (Deep)	11/05/08	2.09	36.2	2.43	--	2.20
BR-09	05/01/07	4.02	4.54	--	--	--
BR-09	12/12/07	1.28	2.14	--	--	--
BR-09	05/04/08	2.88	7.81	--	--	--
BR-09	11/05/08	3.01	28.4	--	--	--
BR-10	05/02/07	226	57.8	5.87	--	--
BR-10	12/12/07	17.8	3.83	--	--	--
BR-10	05/04/08	357	94.6	10.7	--	1.40
BR-10	11/05/08	8.44	3.02	--	--	--
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-11	05/03/08	10.7	45.0	8.03	--	1.54
BR-11	11/05/08	31.8	100	16.0	--	2.54
BR-11 (DUP)	11/05/08	30.0	101	16.1	--	2.59
BR-12	05/07	NS	NS	NS	NS	NS
BR-12	12/07	NS	NS	NS	NS	NS
BR-12	05/08	NS	NS	NS	NS	NS
BR-12	11/08	NS	NS	NS	NS	NS
BR-13	05/07	NS	NS	NS	NS	NS
BR-13	12/07	NS	NS	NS	NS	NS
BR-13	05/08	NS	NS	NS	NS	NS
BR-13	11/08	NS	NS	NS	NS	NS
See notes at end of table.						

Table 4 (Continued)
Summary of Bedrock VOC Results for the
2007-2008 Sampling Events

2008 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)	05/07	NS	NS	NS	NS	NS
BR-14 (Deep)	12/07	NS	NS	NS	NS	NS
BR-14 (Deep)	05/08	NS	NS	NS	NS	NS
BR-14 (Deep)	11/08	NS	NS	NS	NS	NS
BR-15	05/02/07	235	44.4	1.41	--	--
BR-15	12/12/07	212	380	2.81	1.48	15.7
BR-15	05/04/08	43.4	449	2.94	1.38	28.2
BR-15	11/06/08	4.08	4.04	--	--	--
BR-16	05/07	NS	NS	NS	NS	NS
BR-16	12/07	NS	NS	NS	NS	NS
BR-16	05/08	NS	NS	NS	NS	NS
BR-16	11/08	NS	NS	NS	NS	NS
BR-17	05/01/07	26.4	42.5	6.36	--	--
BR-17	12/11/07	9.06	3.51	--	--	--
BR-17	05/03/08	47.8	221	41.6	1.83	5.30
BR-17	11/05/08	15.4	6.33	1.20	--	--

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

-- = 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
NS = not sampled
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by J. Deatherage on 11/17/08

Checked by J. Stone on 12/09/08

Table 5
Decline of TCE Concentrations Over Time

2008 Annual Progress Report
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Well ID ¹	Area	High (ppb) BL/ Post BL	November 2008 result	% Decline ²
<u>Source Area Monitor Wells</u>				
OB-04	South	71,500	44.9	99
OB-06	South	5,600	89.8	98
OB-05	North	25,000	257	99
OB-08	North	40,000	1 U	99
BR-04	South	10,000	7.04	99
BR-09	South	13,000	3.01	99
BR-10	South	8,700	8.44	99
BR-11	South	60,000	31.8	99
BR-17	South	6,900	15.4	99
BR-05	North	5,800	15.1	99
BR-15	North	6,590	4.08	99
BR-08 (deep)	South	1,100	2.09	99
<u>Plume Monitor Wells</u>				
OB-07	South	21.8	14.2	35
OB-09	North	180	129	28
<u>Perimeter Monitor Wells</u>				
TW-09	Between	230	71.2	69
TW-04	South	51.1	21.3	58
TW-07	South	74	7.06	90
TW-17	North	1,000	270	73
TW-20	Between	23.0	23.0	0
BR-01	North	551	1 U	99
BR-02	South	7,000	90.9	99
BR-03	South	1,150	61.8	95
BR-07	North	7.4	1 U	99
W-5	North	1,435	687	52
¹ Upgradient wells not shown include MW-00, TW-01, TW-13, TW-74, W-1, W-2, W-3, W-4, and W-6. Other wells not shown: BR-06, BR-12, BR-13, BR-14, and BR-16. Removed from semi-annual sampling program based on historical groundwater results. ² Percent decline determined by comparing current value (November 2008) to the highest BL/Post BL value.				
Notes: BL = baseline ID = identification ppb = parts per billion TCE = trichloroethylene U = no detections				
Prepared by <u>J. Deatherage</u> on <u>11/17/08</u> Checked by <u>J. Stone</u> on <u>12/09/08</u>				

APPENDIX C

HISTORICAL SUMMARY OF RESULTS

Table C-1
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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)
MW-00	09/97	--	5.4	--	--	8.6
MW-00	05/99	--	--	--	--	12
MW-00	09/99	--	--	--	--	--
MW-00	01/00	--	--	--	--	5.5
MW-00 ¹	05/00	--	--	--	--	--
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-04	05/05/08	125	875	5.72	1.60	145
OB-04	11/06/08	44.9	258	2.80	--	114

See notes at end of table.

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
OB-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	--	--	--
OB-05	05/04/08	210	1.97	--	--	--
OB-05	11/06/08	257	2.54	--	--	--

See notes at end of table.

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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-06	05/03/08	72.6	3.90	--	--	--
OB-06	11/05/08	89.8	4.82	--	--	--

See notes at end of table.

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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-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	--	--	--	--
OB-07	05/03/08	3.57	--	--	--	--
OB-07	11/05/08	14.2	--	--	--	--
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	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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	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-08	05/05/08	--	41.4	8.07	--	47.8
OB-08	11/06/08	--	53.9	14.8	--	68.9
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	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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-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	--	--	--
OB-09	05/04/08	55.0	2.05	--	--	--
OB-09	11/05/08	129	14.2	--	--	--
TW-01 ²	10/24/00	--	--	--	--	--
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	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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-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	--	--	--	--
TW-04	05/03/08	4.40	--	--	--	--
TW-04	11/04/08	21.3	--	--	--	--
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	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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	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-07	05/03/08	--	--	--	--	--
TW-07	11/04/08	7.06	1.02	1.09	--	--
TW-09	10/24/00	230	36	--	--	--
TW-09	03/27/01	120	1.9 J	--	--	--
TW-09	06/16/01	200	7.4	--	--	--
TW-09	09/16/01	150	9.6	--	--	--
TW-09	12/15/01	110	4	--	--	--
TW-09	03/06/02	55.4	2	--	--	--
TW-09	06/05/02	36.5	--	--	--	--
TW-09	09/19/02	91.5	4	--	--	--
TW-09	12/05/02	38	--	--	--	--
TW-09	03/19/03	--	--	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 Annual Progress Report
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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-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	--	--	--
TW-09	05/05/08	50.5	4.70	4.87	--	--
TW-09	11/06/08	71.2	12.6	12.0	--	--
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 ³	12/06/02	--	--	--	--	--
TW-17	11/17/00	1,000	7.9 J	--	--	--
TW-17	03/23/01	530	--	--	--	--
TW-17	06/16/01	490	--	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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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-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	--	--	--
TW-17	05/04/08	477	4.19	--	--	--
TW-17	11/05/08	270	110	--	--	--
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	--	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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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	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	--	--	--	--
TW-20	05/02/08	4.50	--	--	--	--
TW-20	11/04/08	23.0	3.47	--	--	--
TW-69	09/97	--	--	--	--	--
TW-69 ⁷	05/99	--	--	--	--	--
TW-74	09/97	19	--	--	--	--
TW-74 ¹	05/99	18 J	--	--	--	--
W-1	09/97	--	--	--	--	--
W-1 ¹	05/99	--	--	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
W-2 ²	10/21/00	--	--	--	--	--
W-2 ⁴	12/09/03	--	--	--	--	--
W-2	11/30/04	--	--	--	--	--
W-2 ⁵	12/01/05	--	--	--	--	--
W-3	09/97	10	--	--	--	--
W-3 ¹	05/99	--	--	--	--	--
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 ³	12/06/02	1	--	--	--	--
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	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
W-5	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	--	--
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
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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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	12/13/07	835	158	3.83	--	22.1
W-5 (DUP)	12/13/07	850	124	3.36	--	16.1
W-5	05/05/08	1,180	314	4.41	--	6.77 J
W-5 (DUP)	05/05/08	1,110	342	4.33	--	13.6 J
W-5	11/06/08	687	143	3.28	--	8.86
W-5 (DUP)	11/06/08	703	126	2.88	--	8.85
W-6	10/24/00	--	--	--	--	--
W-6 ⁵	03/01	NS	NS	NS	NS	NS
W-6 ⁵	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 ⁵	12/03/05	--	1.76	--	--	--
See notes at end of table.						

Table C-1 (Continued)
Summary of Overburden VOC Results for the
Baseline and 2001-2008 Sampling Events

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- ¹ Not included in Remedial Work Plan sampling program (Harding Lawson, 2000)
- ² Removed from sampling program.
- ³ Removed from sampling program based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).
- ⁴ 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).
- ⁵ Removed from sampling program based on recommendations made in the *2005 Annual Progress Report* (MACTEC, 2006).
- ⁶ W-6 was not sampled due to obstruction.
- ⁷ Destroyed in 2000.

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. Deatherage on 11/17/08

Checked by J. Stone on 12/09/08

Table C-2
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 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-01	05/02/08	4.19	10.7	1.63	--	--
BR-01	11/04/08	--	98.7	2.23	--	--

See notes at end of table.

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-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	--	--
BR-02	05/02/08	153	74.2	14.0	--	--
BR-02	11/04/08	90.9	48.1	11.4	--	1.54
See notes at end of table.						

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-03	11/18/00	440	99	1.2 J	2.2 J	--
BR-03	03/22/01	810	12 J	--	3.2 J	--
BR-03	06/15/01	500	20 J	--	--	--
BR-03	09/14/01	330	7.8 J	--	--	--
BR-03	12/13/01	780	7.6	--	2.2	--
BR-03	03/08/02	599	9.8	--	2.1	--
BR-03	06/07/02	854	19.7	--	2.8	--
BR-03	09/20/02	370	6.5	--	--	--
BR-03	12/07/02	821	13.5	--	--	--
BR-03	03/21/03	590	7.7	--	2	--
BR-03	06/12/03	632	25.3	1.9	3	--
BR-03	09/18/03	1,150	10.4	1.5	3.1	--
BR-03	12/12/03	--	--	--	--	--
BR-03	06/17/04	446	17.0	1.1	1.5	--
BR-03	12/03/04	60.6	27.0	--	1.0	--
BR-03	06/26/05	73.4	5.6	--	--	--
BR-03	12/02/05	5.57	21.0	--	--	--
BR-03	07/19/06	248	6.97	--	--	--
BR-03	12/08/06	29.7	27.3	--	--	--
BR-03	05/01/07	701	7.32	--	1.89	--
BR-03	12/11/07	35.4	21.8	--	--	--
BR-03	05/03/08	588	5.20	--	1.81	--
BR-03	11/04/08	61.8	4.61	--	--	--

See notes at end of table.

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-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
BR-04	05/04/08	332	647	17.7	2.83	1.37
BR-04	11/06/08	7.04	490	8.51	--	3.28
See notes at end of table.						

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

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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-05	05/04/08	65.2	126	7.39	--	11.6
BR-05	11/06/08	15.1	16.3	1.02	--	--

See notes at end of table.

Table C-2 (Continued)
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-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 ¹	12/08/02	--	--	--	--	--
BR-06	12/09/03	--	--	--	--	--
BR-06	12/06/04	--	2.6	--	--	--
BR-06	12/06/05	--	--	--	--	--
BR-06	12/08/06	--	--	--	--	--
BR-06	12/10/07	--	--	--	--	--
BR-06 ⁴	11/05/08	--	--	--	--	--
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
See notes at end of table.						

Table C-2 (Continued)
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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

See notes at end of table.

Table C-2 (Continued)
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-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-07	05/02/08	--	2.46	2.70	--	7.06
BR-07 (DUP)	05/02/08	--	2.40	2.67	--	7.16
BR-07	11/04/08	--	7.98	10.4	--	23.1
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
See notes at end of table.						

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-08 (Deep)	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-08 (Deep)	05/05/08	5.05	99.2	6.12	--	12.8
BR-08 (Deep)	11/05/08	2.09	36.2	2.43	--	2.20
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	--	--	--

See notes at end of table.

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-09	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-09	05/04/08	2.88	7.81	--	--	--
BR-09	11/05/08	3.01	28.4	--	--	--
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	--	--

See notes at end of table.

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-10	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-10	05/04/08	357	94.6	10.7	--	1.40
BR-10	11/05/08	8.44	3.02	--	--	--
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

See notes at end of table.

Table C-2 (Continued)
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Sample ID	Date Sampled	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1-DCE (µg/L)	Vinyl Chloride (µg/L)
BR-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-11	05/03/08	10.7	45.0	8.03	--	1.54
BR-11	11/05/08	31.8	100	16.0	--	2.54
BR-11 (DUP)	11/05/08	30.0	101	16.1	--	2.59
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 ⁴	06/26/05	--	6.4	--	--	--

See notes at end of table.

Table C-2 (Continued)
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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 ⁴	12/03/05	--	--	--	--	--
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	--	--	--	--	--
See notes at end of table.						

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
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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) ⁴	12/02/05	--	--	--	--	--
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
See notes at end of table.						

Table C-2 (Continued)
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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
BR-15	05/04/08	43.4	449	2.94	1.38	28.2
BR-15	11/06/08	4.08	4.04	--	--	--
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 ²	12/08/02	--	--	--	--	--
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
See notes at end of table.						

Table C-2 (Continued)
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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	--	--	--
BR-17	05/03/08	47.8	221	41.6	1.83	5.30
BR-17	11/05/08	15.4	6.33	1.20	--	--
See notes at end of table.						

Table C-2 (Continued)
Summary of Bedrock VOC Results for the
Baseline and 2001-2008 Sampling Events

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

- ¹ Sampled annually beginning in December 2003 based on recommendations made in the *Quarterly Progress Report, Fourth Quarter 2002 and 2-Year Progress Evaluation* (MACTEC, 2003).
- ² Removed from sampling program 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 Removed from sampling program based on recommendations made in the *2005 Annual Progress Report and Remedial Progress Evaluation* (MACTEC, 2006).

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
NA = not analyzed
TCE = trichloroethylene
trans-1,2-DCE = trans-1,2-dichloroethylene
VOC = volatile organic compound

Prepared by J. Deatherage on 11/17/08

Checked by J. Stone on 12/09/08

APPENDIX D

LABORATORY REPORTS

- MAY 2008 SAMPLING EVENT
- NOVEMBER 2008 SAMPLING EVENT

APPENDIX E

CHAIN-OF-CUSTODY FORMS

APPENDIX F

FIELD DATA RECORDS

May 16, 2008

3:25:11PM

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: 200807978
Date Received: 05/06/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
OB-09	NRE0380-01	05/04/08 11:40
BR-15	NRE0380-02	05/04/08 13:05
BR-04	NRE0380-03	05/04/08 14:05
OB-05	NRE0380-04	05/04/08 14:42
BR-05	NRE0380-05	05/04/08 16:15
BR-08	NRE0380-06	05/05/08 08:55
QATB02	NRE0380-07	05/05/08 10:20
QARB02	NRE0380-08	05/05/08 10:25
QAFB02	NRE0380-09	05/05/08 10:30
OB-08	NRE0380-10	05/05/08 12:50
W-5	NRE0380-11	05/05/08 15:00
W-5(Dup)	NRE0380-12	05/05/08 15:05
OB-04	NRE0380-13	05/05/08 16:00
TW-09	NRE0380-14	05/05/08 10:15

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

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

New York Certification Number: 11342

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

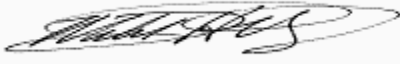
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Mark Hollingsworth

Program Manager - National Accounts

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-01 (OB-09 - Ground Water) Sampled: 05/04/08 11:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 12:29	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 12:29	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
cis-1,2-Dichloroethene	2.05		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 12:29	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-01 (OB-09 - Ground Water) - cont. Sampled: 05/04/08 11:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 12:29	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 12:29	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 12:29	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Trichloroethene	55.0		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 12:29	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 12:29	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 12:29</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/07/08 12:29</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 12:29</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/07/08 12:29</i>	<i>SW846 8260B</i>	<i>8050818</i>

Sample ID: NRE0380-02 (BR-15 - Ground Water) Sampled: 05/04/08 13:05

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 12:54	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 12:54	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-02 (BR-15 - Ground Water) - cont. Sampled: 05/04/08 13:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
cis-1,2-Dichloroethene	449		ug/L	10.0	10	05/08/08 10:56	SW846 8260B	8051031
1,1-Dichloroethene	1.38		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
trans-1,2-Dichloroethene	2.94		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 12:54	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 12:54	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 12:54	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 12:54	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Trichloroethene	43.4		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-02 (BR-15 - Ground Water) - cont. Sampled: 05/04/08 13:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Vinyl chloride	28.2		ug/L	1.00	1	05/07/08 12:54	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 12:54	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/07/08 12:54</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>103 %</i>					<i>05/08/08 10:56</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/07/08 12:54</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/08/08 10:56</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 12:54</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 10:56</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>05/07/08 12:54</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 10:56</i>	<i>SW846 8260B</i>	<i>8051031</i>

Sample ID: NRE0380-03 (BR-04 - Ground Water) Sampled: 05/04/08 14:05

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 13:18	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 13:18	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-03 (BR-04 - Ground Water) - cont. Sampled: 05/04/08 14:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
cis-1,2-Dichloroethene	647		ug/L	10.0	10	05/08/08 11:21	SW846 8260B	8051031
1,1-Dichloroethene	2.83		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
trans-1,2-Dichloroethene	17.7		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 13:18	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 13:18	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 13:18	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 13:18	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Trichloroethene	332		ug/L	10.0	10	05/08/08 11:21	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Vinyl chloride	1.37		ug/L	1.00	1	05/07/08 13:18	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 13:18	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/07/08 13:18</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 11:21</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/07/08 13:18</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/08/08 11:21</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/07/08 13:18</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/08/08 11:21</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>05/07/08 13:18</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 11:21</i>	<i>SW846 8260B</i>	<i>8051031</i>

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-04 (OB-05 - Ground Water) Sampled: 05/04/08 14:42								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 13:43	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 13:43	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
cis-1,2-Dichloroethene	1.97		ug/L	1.00	1	05/08/08 10:07	SW846 8260B	8051031
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 13:43	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-04 (OB-05 - Ground Water) - cont. Sampled: 05/04/08 14:42								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 13:43	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 13:43	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 13:43	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Tetrachloroethene	2.39		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Trichloroethene	210		ug/L	10.0	10	05/08/08 10:32	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 13:43	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 13:43	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/07/08 13:43</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/08/08 10:07</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>05/08/08 10:32</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>05/07/08 13:43</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>05/08/08 10:07</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>105 %</i>					<i>05/08/08 10:32</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>05/07/08 13:43</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 10:07</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 10:32</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/07/08 13:43</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>104 %</i>					<i>05/08/08 10:07</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/08/08 10:32</i>	<i>SW846 8260B</i>	<i>8051031</i>

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-05 (BR-05 - Ground Water) Sampled: 05/04/08 16:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 14:07	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 14:07	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
cis-1,2-Dichloroethene	126		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
trans-1,2-Dichloroethene	7.39		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 14:07	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-05 (BR-05 - Ground Water) - cont. Sampled: 05/04/08 16:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 14:07	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 14:07	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 14:07	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Trichloroethene	65.2		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Vinyl chloride	11.6		ug/L	1.00	1	05/07/08 14:07	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 14:07	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 14:07</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/07/08 14:07</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/07/08 14:07</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/07/08 14:07</i>	<i>SW846 8260B</i>	<i>8050818</i>

Sample ID: NRE0380-06 (BR-08 - Ground Water) Sampled: 05/05/08 08:55

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 14:32	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 14:32	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-06 (BR-08 - Ground Water) - cont. Sampled: 05/05/08 08:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
cis-1,2-Dichloroethene	99.2		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
trans-1,2-Dichloroethene	6.12		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 14:32	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 14:32	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 14:32	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 14:32	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Trichloroethene	5.05		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-06 (BR-08 - Ground Water) - cont. Sampled: 05/05/08 08:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Vinyl chloride	12.8		ug/L	1.00	1	05/07/08 14:32	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 14:32	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/07/08 14:32</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/07/08 14:32</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 14:32</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/07/08 14:32</i>	<i>SW846 8260B</i>	<i>8050818</i>

Sample ID: NRE0380-07 (QATB02 - Ground Water) Sampled: 05/05/08 10:20

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 14:56	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 14:56	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-07 (QATB02 - Ground Water) - cont. Sampled: 05/05/08 10:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 14:56	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 14:56	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 14:56	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 14:56	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Trichloroethene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 14:56	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 14:56	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/07/08 14:56</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>05/07/08 14:56</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 14:56</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/07/08 14:56</i>	<i>SW846 8260B</i>	<i>8050818</i>

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-08 (QARB02 - Ground Water) Sampled: 05/05/08 10:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 15:21	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 15:21	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 15:21	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-08 (QARB02 - Ground Water) - cont. Sampled: 05/05/08 10:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 15:21	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 15:21	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 15:21	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Trichloroethene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 15:21	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 15:21	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 15:21</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/07/08 15:21</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>101 %</i>					<i>05/07/08 15:21</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>05/07/08 15:21</i>	<i>SW846 8260B</i>	<i>8050818</i>

Sample ID: NRE0380-09 (QAFB02 - Ground Water) Sampled: 05/05/08 10:30

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 15:45	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Bromodichloromethane	2.15		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 15:45	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Chlorodibromomethane	3.42		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-09 (QAFB02 - Ground Water) - cont. Sampled: 05/05/08 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	2.90		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 15:45	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 15:45	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 15:45	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 15:45	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Trichloroethene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-09 (QAFB02 - Ground Water) - cont. Sampled: 05/05/08 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 15:45	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 15:45	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 15:45</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/07/08 15:45</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 15:45</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/07/08 15:45</i>	<i>SW846 8260B</i>	<i>8050818</i>
Sample ID: NRE0380-10 (OB-08 - Ground Water) Sampled: 05/05/08 12:50								
General Chemistry Parameters								
Carbon Dioxide	17.0	HTI	mg/L	5.00	1	05/15/08 13:00	SM 4500CO2 C	8051043
Total Organic Carbon	55.9		mg/L	1.00	1	05/07/08 12:51	SM5310 B/C	8050755
Methane, Ethane, and Ethene by GC								
Ethene	252		ug/L	26.0	1	05/15/08 11:35	RSK 175	8050978
Methane	9460		ug/L	130	5	05/15/08 13:05	RSK 175	8050978
<i>Surr: Acetylene (74-120%)</i>	<i>107 %</i>					<i>05/15/08 11:35</i>	<i>RSK 175</i>	<i>8050978</i>
<i>Surr: Acetylene (74-120%)</i>	<i>86 %</i>					<i>05/15/08 13:05</i>	<i>RSK 175</i>	<i>8050978</i>
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 16:10	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 16:10	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-10 (OB-08 - Ground Water) - cont. Sampled: 05/05/08 12:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
cis-1,2-Dichloroethene	41.4		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
trans-1,2-Dichloroethene	8.07		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 16:10	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 16:10	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 16:10	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 16:10	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Trichloroethene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Vinyl chloride	47.8		ug/L	1.00	1	05/07/08 16:10	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 16:10	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/07/08 16:10</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/07/08 16:10</i>	<i>SW846 8260B</i>	<i>8050818</i>

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-10 (OB-08 - Ground Water) - cont. Sampled: 05/05/08 12:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
<i>Surr: Toluene-d8 (78-121%)</i>	103 %					05/07/08 16:10	SW846 8260B	8050818
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	106 %					05/07/08 16:10	SW846 8260B	8050818

Sample ID: NRE0380-11 (W-5 - Ground Water) Sampled: 05/05/08 15:00

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 16:34	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 16:34	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
cis-1,2-Dichloroethene	314		ug/L	10.0	10	05/08/08 11:45	SW846 8260B	8051031
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
trans-1,2-Dichloroethene	4.41		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-11 (W-5 - Ground Water) - cont. Sampled: 05/05/08 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 16:34	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 16:34	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 16:34	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 16:34	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Tetrachloroethene	2.41		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Trichloroethene	1180		ug/L	10.0	10	05/08/08 11:45	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Vinyl chloride	6.77		ug/L	1.00	1	05/07/08 16:34	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 16:34	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	105 %					05/07/08 16:34	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	106 %					05/08/08 11:45	SW846 8260B	8051031
Surr: Dibromofluoromethane (75-124%)	102 %					05/07/08 16:34	SW846 8260B	8050818
Surr: Dibromofluoromethane (75-124%)	102 %					05/08/08 11:45	SW846 8260B	8051031
Surr: Toluene-d8 (78-121%)	102 %					05/07/08 16:34	SW846 8260B	8050818
Surr: Toluene-d8 (78-121%)	102 %					05/08/08 11:45	SW846 8260B	8051031
Surr: 4-Bromofluorobenzene (79-124%)	106 %					05/07/08 16:34	SW846 8260B	8050818
Surr: 4-Bromofluorobenzene (79-124%)	105 %					05/08/08 11:45	SW846 8260B	8051031

J valve added by MACTEC since duplicate sample had an RPD > 35.

KJD

1-29-09

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-12 (W-5(Dup)) - Ground Water) Sampled: 05/05/08 15:05								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 16:59	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 16:59	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
cis-1,2-Dichloroethene	342		ug/L	10.0	10	05/08/08 12:34	SW846 8260B	8051031
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
trans-1,2-Dichloroethene	4.33		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 16:59	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-12 (W-5(Dup) - Ground Water) - cont. Sampled: 05/05/08 15:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 16:59	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 16:59	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 16:59	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Tetrachloroethene	2.25		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Trichloroethene	1110		ug/L	10.0	10	05/08/08 12:34	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Vinyl chloride	13.6		ug/L	1.00	1	05/07/08 16:59	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 16:59	SW846 8260B	8050818
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 16:59</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/08/08 12:34</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/07/08 16:59</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/08/08 12:34</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/07/08 16:59</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 12:34</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>05/07/08 16:59</i>	<i>SW846 8260B</i>	<i>8050818</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/08/08 12:34</i>	<i>SW846 8260B</i>	<i>8051031</i>

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-13 (OB-04 - Ground Water) Sampled: 05/05/08 16:00								
General Chemistry Parameters								
Carbon Dioxide	145	HTI	mg/L	5.00	1	05/15/08 13:00	SM 4500CO2 C	8051043
Total Organic Carbon	159		mg/L	1.00	1	05/07/08 12:51	SM5310 B/C	8050755
Methane, Ethane, and Ethene by GC								
Ethene	110		ug/L	26.0	1	05/15/08 11:42	RSK 175	8050978
Methane	16300		ug/L	130	5	05/15/08 13:12	RSK 175	8050978
Surr: Acetylene (74-120%)	85 %					05/15/08 13:12	RSK 175	8050978
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 17:23	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 17:23	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Carbon disulfide	2.20		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Chloromethane	1.33		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
cis-1,2-Dichloroethene	875		ug/L	10.0	10	05/08/08 13:23	SW846 8260B	8051031
1,1-Dichloroethene	1.60		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
trans-1,2-Dichloroethene	5.72		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-13 (OB-04 - Ground Water) - cont. Sampled: 05/05/08 16:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 17:23	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 17:23	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 17:23	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 17:23	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Trichloroethene	125		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Vinyl chloride	145		ug/L	1.00	1	05/07/08 17:23	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 17:23	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	105 %					05/07/08 17:23	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	104 %					05/08/08 13:23	SW846 8260B	8051031
Surr: Dibromofluoromethane (75-124%)	103 %					05/07/08 17:23	SW846 8260B	8050818
Surr: Dibromofluoromethane (75-124%)	102 %					05/08/08 13:23	SW846 8260B	8051031
Surr: Toluene-d8 (78-121%)	103 %					05/07/08 17:23	SW846 8260B	8050818
Surr: Toluene-d8 (78-121%)	101 %					05/08/08 13:23	SW846 8260B	8051031
Surr: 4-Bromofluorobenzene (79-124%)	103 %					05/07/08 17:23	SW846 8260B	8050818
Surr: 4-Bromofluorobenzene (79-124%)	106 %					05/08/08 13:23	SW846 8260B	8051031

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-14 (TW-09 - Ground Water) Sampled: 05/05/08 10:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 17:47	SW846 8260B	8050818
Benzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Bromobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Bromoform	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Bromomethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
2-Butanone	ND		ug/L	50.0	1	05/07/08 17:47	SW846 8260B	8050818
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Chloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Chloroform	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Chloromethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Dibromomethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
cis-1,2-Dichloroethene	4.70		ug/L	1.00	1	05/08/08 09:43	SW846 8260B	8051031
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
trans-1,2-Dichloroethene	4.87		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
2-Hexanone	ND		ug/L	50.0	1	05/07/08 17:47	SW846 8260B	8050818
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0380-14 (TW-09 - Ground Water) - cont. Sampled: 05/05/08 10:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 17:47	SW846 8260B	8050818
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 17:47	SW846 8260B	8050818
Naphthalene	ND		ug/L	5.00	1	05/07/08 17:47	SW846 8260B	8050818
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Styrene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Toluene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Trichloroethene	50.5		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 17:47	SW846 8260B	8050818
Xylenes, total	ND		ug/L	3.00	1	05/07/08 17:47	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	105 %					05/07/08 17:47	SW846 8260B	8050818
Surr: 1,2-Dichloroethane-d4 (60-140%)	105 %					05/08/08 09:43	SW846 8260B	8051031
Surr: Dibromofluoromethane (75-124%)	104 %					05/07/08 17:47	SW846 8260B	8050818
Surr: Dibromofluoromethane (75-124%)	103 %					05/08/08 09:43	SW846 8260B	8051031
Surr: Toluene-d8 (78-121%)	102 %					05/07/08 17:47	SW846 8260B	8050818
Surr: Toluene-d8 (78-121%)	100 %					05/08/08 09:43	SW846 8260B	8051031
Surr: 4-Bromofluorobenzene (79-124%)	107 %					05/07/08 17:47	SW846 8260B	8050818
Surr: 4-Bromofluorobenzene (79-124%)	110 %					05/08/08 09:43	SW846 8260B	8051031

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

General Chemistry Parameters

8050755-BLK1

Total Organic Carbon	<0.500		mg/L	8050755	8050755-BLK1	05/07/08 12:51

8051043-BLK1

Carbon Dioxide	<2.40		mg/L	8051043	8051043-BLK1	05/15/08 13:00

Methane, Ethane, and Ethene by GC

8050978-BLK1

Ethene	<11.0		ug/L	8050978	8050978-BLK1	05/15/08 10:55
Methane	<15.0		ug/L	8050978	8050978-BLK1	05/15/08 10:55
Surrogate: Acetylene	97%			8050978	8050978-BLK1	05/15/08 10:55

Volatile Organic Compounds by EPA Method 8260B

8050818-BLK1

Acetone	<25.0		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Benzene	<0.270		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Bromobenzene	<0.360		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Bromochloromethane	<0.400		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Bromodichloromethane	<0.350		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Bromoform	<0.430		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Bromomethane	<0.420		ug/L	8050818	8050818-BLK1	05/07/08 10:27
2-Butanone	<2.40		ug/L	8050818	8050818-BLK1	05/07/08 10:27
sec-Butylbenzene	<0.140		ug/L	8050818	8050818-BLK1	05/07/08 10:27
n-Butylbenzene	<0.280		ug/L	8050818	8050818-BLK1	05/07/08 10:27
tert-Butylbenzene	<0.330		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Carbon disulfide	<0.380		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Carbon Tetrachloride	<0.350		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Chlorobenzene	<0.180		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Chlorodibromomethane	<0.280		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Chloroethane	<0.450		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Chloroform	<0.280		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Chloromethane	<0.380		ug/L	8050818	8050818-BLK1	05/07/08 10:27
2-Chlorotoluene	<0.300		ug/L	8050818	8050818-BLK1	05/07/08 10:27
4-Chlorotoluene	<0.330		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2-Dibromoethane (EDB)	<0.390		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Dibromomethane	<0.350		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,4-Dichlorobenzene	<0.380		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,3-Dichlorobenzene	<0.350		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2-Dichlorobenzene	<0.500		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Dichlorodifluoromethane	<0.460		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1-Dichloroethane	<0.540		ug/L	8050818	8050818-BLK1	05/07/08 10:27

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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

8050818-BLK1

1,2-Dichloroethane	<0.370		ug/L	8050818	8050818-BLK1	05/07/08 10:27
cis-1,2-Dichloroethene	<0.390		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1-Dichloroethene	<0.340		ug/L	8050818	8050818-BLK1	05/07/08 10:27
trans-1,2-Dichloroethene	<0.470		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,3-Dichloropropane	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2-Dichloropropane	<0.320		ug/L	8050818	8050818-BLK1	05/07/08 10:27
2,2-Dichloropropane	<0.420		ug/L	8050818	8050818-BLK1	05/07/08 10:27
cis-1,3-Dichloropropene	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
trans-1,3-Dichloropropene	<0.330		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1-Dichloropropene	<0.310		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Ethylbenzene	<0.240		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Hexachlorobutadiene	<0.910		ug/L	8050818	8050818-BLK1	05/07/08 10:27
2-Hexanone	<16.7		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Isopropylbenzene	<0.300		ug/L	8050818	8050818-BLK1	05/07/08 10:27
p-Isopropyltoluene	<0.220		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Methyl tert-Butyl Ether	<0.420		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Methylene Chloride	1.24		ug/L	8050818	8050818-BLK1	05/07/08 10:27
4-Methyl-2-pentanone	<3.49		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Naphthalene	<0.540		ug/L	8050818	8050818-BLK1	05/07/08 10:27
n-Propylbenzene	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Styrene	<0.330		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Tetrachloroethene	<0.230		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Toluene	<0.280		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2,3-Trichlorobenzene	<0.940		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2,4-Trichlorobenzene	<0.500		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1,2-Trichloroethane	<0.400		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,1,1-Trichloroethane	<0.370		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Trichloroethene	<0.230		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Trichlorofluoromethane	<0.350		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2,3-Trichloropropane	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,3,5-Trimethylbenzene	<0.160		ug/L	8050818	8050818-BLK1	05/07/08 10:27
1,2,4-Trimethylbenzene	<0.170		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Vinyl chloride	<0.290		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Xylenes, total	<0.860		ug/L	8050818	8050818-BLK1	05/07/08 10:27
Surrogate: 1,2-Dichloroethane-d4	104%			8050818	8050818-BLK1	05/07/08 10:27
Surrogate: Dibromofluoromethane	104%			8050818	8050818-BLK1	05/07/08 10:27
Surrogate: Toluene-d8	102%			8050818	8050818-BLK1	05/07/08 10:27
Surrogate: 4-Bromofluorobenzene	106%			8050818	8050818-BLK1	05/07/08 10:27

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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						
8051031-BLK1						
Acetone	<25.0		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Benzene	<0.270		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromobenzene	<0.360		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromochloromethane	<0.400		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromodichloromethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromoform	<0.430		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromomethane	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Butanone	<2.40		ug/L	8051031	8051031-BLK1	05/08/08 09:18
sec-Butylbenzene	<0.140		ug/L	8051031	8051031-BLK1	05/08/08 09:18
n-Butylbenzene	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
tert-Butylbenzene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Carbon disulfide	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Carbon Tetrachloride	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chlorobenzene	<0.180		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chlorodibromomethane	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloroethane	<0.450		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloroform	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloromethane	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Chlorotoluene	<0.300		ug/L	8051031	8051031-BLK1	05/08/08 09:18
4-Chlorotoluene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dibromoethane (EDB)	<0.390		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Dibromomethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,4-Dichlorobenzene	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3-Dichlorobenzene	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichlorobenzene	<0.500		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Dichlorodifluoromethane	<0.460		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloroethane	<0.540		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichloroethane	<0.370		ug/L	8051031	8051031-BLK1	05/08/08 09:18
cis-1,2-Dichloroethene	<0.390		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloroethene	<0.340		ug/L	8051031	8051031-BLK1	05/08/08 09:18
trans-1,2-Dichloroethene	<0.470		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3-Dichloropropane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichloropropane	<0.320		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2,2-Dichloropropane	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
cis-1,3-Dichloropropene	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
trans-1,3-Dichloropropene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloropropene	<0.310		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Ethylbenzene	<0.240		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Hexachlorobutadiene	<0.910		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Hexanone	<16.7		ug/L	8051031	8051031-BLK1	05/08/08 09:18

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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						
8051031-BLK1						
Isopropylbenzene	<0.300	B	ug/L	8051031	8051031-BLK1	05/08/08 09:18
p-Isopropyltoluene	<0.220		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Methyl tert-Butyl Ether	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Methylene Chloride	1.69		ug/L	8051031	8051031-BLK1	05/08/08 09:18
4-Methyl-2-pentanone	<3.49		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Naphthalene	<0.540		ug/L	8051031	8051031-BLK1	05/08/08 09:18
n-Propylbenzene	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Styrene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Tetrachloroethene	<0.230		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Toluene	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,3-Trichlorobenzene	<0.940		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,4-Trichlorobenzene	<0.500		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,2-Trichloroethane	<0.400		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,1-Trichloroethane	<0.370		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Trichloroethene	<0.230		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Trichlorofluoromethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,3-Trichloropropane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3,5-Trimethylbenzene	<0.160		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,4-Trimethylbenzene	<0.170		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Vinyl chloride	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
o-Xylene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
m,p-Xylene	<0.530		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Xylenes, total	<0.860		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Surrogate: 1,2-Dichloroethane-d4	104%			8051031	8051031-BLK1	05/08/08 09:18
Surrogate: Dibromofluoromethane	102%			8051031	8051031-BLK1	05/08/08 09:18
Surrogate: Toluene-d8	101%			8051031	8051031-BLK1	05/08/08 09:18
Surrogate: 4-Bromofluorobenzene	107%			8051031	8051031-BLK1	05/08/08 09:18

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

Work Order: NRE0380
 Project Name: Former Taylor Instruments
 Project Number: [none]
 Received: 05/06/08 08:00

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8050755-DUP1									
Total Organic Carbon	ND	ND		mg/L		20	8050755	NRE0456-02	05/07/08 12:51
8051043-DUP1									
Carbon Dioxide	145	149	HTI	mg/L	3	20	8051043	NRE0380-13	05/15/08 13:00

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
8050755-BS1								
Total Organic Carbon	200	214	MNR	ug/mL	107%	90 - 110	8050755	05/07/08 12:51
8051043-BS1								
Carbon Dioxide	100	94.0		ug/mL	94%	90 - 110	8051043	05/15/08 13:00
Methane, Ethane, and Ethene by GC								
8050978-BS1								
Ethene	2340	2450		ug/L	105%	75 - 112	8050978	05/15/08 11:01
Methane	1330	1300		ug/L	97%	85 - 117	8050978	05/15/08 11:01
Surrogate: Acetylene	4320	4080			94%	74 - 120	8050978	05/15/08 11:01
Volatile Organic Compounds by EPA Method 8260B								
8050818-BS1								
Acetone	250	255		ug/L	102%	62 - 150	8050818	05/07/08 08:49
Benzene	50.0	50.4		ug/L	101%	80 - 137	8050818	05/07/08 08:49
Bromobenzene	50.0	47.0		ug/L	94%	74 - 131	8050818	05/07/08 08:49
Bromochloromethane	50.0	52.2		ug/L	104%	80 - 128	8050818	05/07/08 08:49
Bromodichloromethane	50.0	52.3		ug/L	105%	80 - 129	8050818	05/07/08 08:49
Bromoform	50.0	45.6		ug/L	91%	69 - 127	8050818	05/07/08 08:49
Bromomethane	50.0	53.8		ug/L	108%	62 - 148	8050818	05/07/08 08:49
2-Butanone	250	260		ug/L	104%	77 - 141	8050818	05/07/08 08:49
sec-Butylbenzene	50.0	53.8		ug/L	108%	78 - 133	8050818	05/07/08 08:49
n-Butylbenzene	50.0	46.8		ug/L	94%	72 - 136	8050818	05/07/08 08:49
tert-Butylbenzene	50.0	53.2		ug/L	106%	77 - 135	8050818	05/07/08 08:49
Carbon disulfide	50.0	49.1		ug/L	98%	80 - 126	8050818	05/07/08 08:49
Carbon Tetrachloride	50.0	53.1		ug/L	106%	76 - 143	8050818	05/07/08 08:49
Chlorobenzene	50.0	50.3		ug/L	101%	80 - 120	8050818	05/07/08 08:49
Chlorodibromomethane	50.0	46.0		ug/L	92%	76 - 123	8050818	05/07/08 08:49
Chloroethane	50.0	54.0		ug/L	108%	77 - 127	8050818	05/07/08 08:49
Chloroform	50.0	50.4		ug/L	101%	80 - 133	8050818	05/07/08 08:49
Chloromethane	50.0	48.4		ug/L	97%	33 - 125	8050818	05/07/08 08:49
2-Chlorotoluene	50.0	50.7		ug/L	101%	80 - 127	8050818	05/07/08 08:49
4-Chlorotoluene	50.0	50.4		ug/L	101%	80 - 127	8050818	05/07/08 08:49
1,2-Dibromo-3-chloropropane	50.0	48.5		ug/L	97%	60 - 136	8050818	05/07/08 08:49
1,2-Dibromoethane (EDB)	50.0	52.1		ug/L	104%	80 - 125	8050818	05/07/08 08:49
Dibromomethane	50.0	50.4		ug/L	101%	80 - 124	8050818	05/07/08 08:49
1,4-Dichlorobenzene	50.0	48.1		ug/L	96%	80 - 120	8050818	05/07/08 08:49
1,3-Dichlorobenzene	50.0	49.5		ug/L	99%	80 - 123	8050818	05/07/08 08:49
1,2-Dichlorobenzene	50.0	51.1		ug/L	102%	80 - 122	8050818	05/07/08 08:49
Dichlorodifluoromethane	50.0	52.4		ug/L	105%	36 - 120	8050818	05/07/08 08:49
1,1-Dichloroethane	50.0	54.8		ug/L	110%	76 - 130	8050818	05/07/08 08:49

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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								
8050818-BS1								
1,2-Dichloroethane	50.0	48.5		ug/L	97%	69 - 136	8050818	05/07/08 08:49
cis-1,2-Dichloroethene	50.0	51.8		ug/L	104%	80 - 129	8050818	05/07/08 08:49
1,1-Dichloroethene	50.0	49.5		ug/L	99%	80 - 127	8050818	05/07/08 08:49
trans-1,2-Dichloroethene	50.0	51.3		ug/L	103%	80 - 131	8050818	05/07/08 08:49
1,3-Dichloropropane	50.0	50.0		ug/L	100%	80 - 122	8050818	05/07/08 08:49
1,2-Dichloropropane	50.0	48.3		ug/L	97%	80 - 120	8050818	05/07/08 08:49
2,2-Dichloropropane	50.0	42.0		ug/L	84%	62 - 142	8050818	05/07/08 08:49
cis-1,3-Dichloropropene	50.0	51.3		ug/L	103%	76 - 135	8050818	05/07/08 08:49
trans-1,3-Dichloropropene	50.0	52.3		ug/L	105%	70 - 137	8050818	05/07/08 08:49
1,1-Dichloropropene	50.0	51.3		ug/L	103%	80 - 127	8050818	05/07/08 08:49
Ethylbenzene	50.0	53.1		ug/L	106%	80 - 128	8050818	05/07/08 08:49
Hexachlorobutadiene	50.0	54.8		ug/L	110%	68 - 148	8050818	05/07/08 08:49
2-Hexanone	250	264		ug/L	105%	69 - 148	8050818	05/07/08 08:49
Isopropylbenzene	50.0	48.2		ug/L	96%	80 - 121	8050818	05/07/08 08:49
p-Isopropyltoluene	50.0	45.6		ug/L	91%	79 - 127	8050818	05/07/08 08:49
Methyl tert-Butyl Ether	50.0	47.8		ug/L	96%	70 - 129	8050818	05/07/08 08:49
Methylene Chloride	50.0	48.3		ug/L	97%	76 - 135	8050818	05/07/08 08:49
4-Methyl-2-pentanone	250	270		ug/L	108%	67 - 143	8050818	05/07/08 08:49
Naphthalene	50.0	47.6		ug/L	95%	62 - 141	8050818	05/07/08 08:49
n-Propylbenzene	50.0	51.3		ug/L	103%	80 - 132	8050818	05/07/08 08:49
Styrene	50.0	57.2		ug/L	114%	80 - 139	8050818	05/07/08 08:49
1,1,1,2-Tetrachloroethane	50.0	55.1		ug/L	110%	80 - 135	8050818	05/07/08 08:49
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L	100%	65 - 145	8050818	05/07/08 08:49
Tetrachloroethene	50.0	49.0		ug/L	98%	80 - 125	8050818	05/07/08 08:49
Toluene	50.0	48.1		ug/L	96%	80 - 125	8050818	05/07/08 08:49
1,2,3-Trichlorobenzene	50.0	44.8		ug/L	90%	57 - 144	8050818	05/07/08 08:49
1,2,4-Trichlorobenzene	50.0	46.2		ug/L	92%	60 - 140	8050818	05/07/08 08:49
1,1,2-Trichloroethane	50.0	51.2		ug/L	102%	80 - 122	8050818	05/07/08 08:49
1,1,1-Trichloroethane	50.0	49.0		ug/L	98%	80 - 131	8050818	05/07/08 08:49
Trichloroethene	50.0	50.3		ug/L	101%	80 - 131	8050818	05/07/08 08:49
Trichlorofluoromethane	50.0	45.6		ug/L	91%	68 - 125	8050818	05/07/08 08:49
1,2,3-Trichloropropane	50.0	43.8		ug/L	88%	60 - 127	8050818	05/07/08 08:49
1,3,5-Trimethylbenzene	50.0	52.7		ug/L	105%	80 - 129	8050818	05/07/08 08:49
1,2,4-Trimethylbenzene	50.0	52.6		ug/L	105%	80 - 128	8050818	05/07/08 08:49
Vinyl chloride	50.0	50.3		ug/L	101%	69 - 120	8050818	05/07/08 08:49
Xylenes, total	150	160		ug/L	107%	80 - 129	8050818	05/07/08 08:49
Surrogate: 1,2-Dichloroethane-d4	30.0	30.0			100%	60 - 140	8050818	05/07/08 08:49
Surrogate: Dibromofluoromethane	30.0	30.5			102%	75 - 124	8050818	05/07/08 08:49
Surrogate: Toluene-d8	30.0	30.9			103%	78 - 121	8050818	05/07/08 08:49
Surrogate: 4-Bromofluorobenzene	30.0	29.8			99%	79 - 124	8050818	05/07/08 08:49

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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								
8051031-BS1								
Acetone	250	262		ug/L	105%	62 - 150	8051031	05/08/08 07:41
Benzene	50.0	50.4		ug/L	101%	80 - 137	8051031	05/08/08 07:41
Bromobenzene	50.0	47.4		ug/L	95%	74 - 131	8051031	05/08/08 07:41
Bromochloromethane	50.0	49.6		ug/L	99%	80 - 128	8051031	05/08/08 07:41
Bromodichloromethane	50.0	52.8		ug/L	106%	80 - 129	8051031	05/08/08 07:41
Bromoform	50.0	44.6		ug/L	89%	69 - 127	8051031	05/08/08 07:41
Bromomethane	50.0	49.6		ug/L	99%	62 - 148	8051031	05/08/08 07:41
2-Butanone	250	267		ug/L	107%	77 - 141	8051031	05/08/08 07:41
sec-Butylbenzene	50.0	52.1		ug/L	104%	78 - 133	8051031	05/08/08 07:41
n-Butylbenzene	50.0	45.8		ug/L	92%	72 - 136	8051031	05/08/08 07:41
tert-Butylbenzene	50.0	52.5		ug/L	105%	77 - 135	8051031	05/08/08 07:41
Carbon disulfide	50.0	49.9		ug/L	100%	80 - 126	8051031	05/08/08 07:41
Carbon Tetrachloride	50.0	52.7		ug/L	105%	76 - 143	8051031	05/08/08 07:41
Chlorobenzene	50.0	50.5		ug/L	101%	80 - 120	8051031	05/08/08 07:41
Chlorodibromomethane	50.0	46.1		ug/L	92%	76 - 123	8051031	05/08/08 07:41
Chloroethane	50.0	56.6		ug/L	113%	77 - 127	8051031	05/08/08 07:41
Chloroform	50.0	51.1		ug/L	102%	80 - 133	8051031	05/08/08 07:41
Chloromethane	50.0	47.3		ug/L	95%	33 - 125	8051031	05/08/08 07:41
2-Chlorotoluene	50.0	50.0		ug/L	100%	80 - 127	8051031	05/08/08 07:41
4-Chlorotoluene	50.0	51.0		ug/L	102%	80 - 127	8051031	05/08/08 07:41
1,2-Dibromo-3-chloropropane	50.0	45.1		ug/L	90%	60 - 136	8051031	05/08/08 07:41
1,2-Dibromoethane (EDB)	50.0	51.5		ug/L	103%	80 - 125	8051031	05/08/08 07:41
Dibromomethane	50.0	52.0		ug/L	104%	80 - 124	8051031	05/08/08 07:41
1,4-Dichlorobenzene	50.0	48.3		ug/L	97%	80 - 120	8051031	05/08/08 07:41
1,3-Dichlorobenzene	50.0	49.8		ug/L	100%	80 - 123	8051031	05/08/08 07:41
1,2-Dichlorobenzene	50.0	51.6		ug/L	103%	80 - 122	8051031	05/08/08 07:41
Dichlorodifluoromethane	50.0	52.1		ug/L	104%	36 - 120	8051031	05/08/08 07:41
1,1-Dichloroethane	50.0	50.5		ug/L	101%	76 - 130	8051031	05/08/08 07:41
1,2-Dichloroethane	50.0	49.0		ug/L	98%	69 - 136	8051031	05/08/08 07:41
cis-1,2-Dichloroethene	50.0	48.3		ug/L	97%	80 - 129	8051031	05/08/08 07:41
1,1-Dichloroethene	50.0	49.8		ug/L	100%	80 - 127	8051031	05/08/08 07:41
trans-1,2-Dichloroethene	50.0	51.0		ug/L	102%	80 - 131	8051031	05/08/08 07:41
1,3-Dichloropropane	50.0	50.2		ug/L	100%	80 - 122	8051031	05/08/08 07:41
1,2-Dichloropropane	50.0	47.8		ug/L	96%	80 - 120	8051031	05/08/08 07:41
2,2-Dichloropropane	50.0	40.9		ug/L	82%	62 - 142	8051031	05/08/08 07:41
cis-1,3-Dichloropropene	50.0	51.8		ug/L	104%	76 - 135	8051031	05/08/08 07:41
trans-1,3-Dichloropropene	50.0	51.9		ug/L	104%	70 - 137	8051031	05/08/08 07:41
1,1-Dichloropropene	50.0	51.1		ug/L	102%	80 - 127	8051031	05/08/08 07:41
Ethylbenzene	50.0	53.0		ug/L	106%	80 - 128	8051031	05/08/08 07:41
Hexachlorobutadiene	50.0	50.3		ug/L	101%	68 - 148	8051031	05/08/08 07:41
2-Hexanone	250	265		ug/L	106%	69 - 148	8051031	05/08/08 07:41

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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								
8051031-BS1								
Isopropylbenzene	50.0	47.8		ug/L	96%	80 - 121	8051031	05/08/08 07:41
p-Isopropyltoluene	50.0	45.2		ug/L	90%	79 - 127	8051031	05/08/08 07:41
Methyl tert-Butyl Ether	50.0	47.9		ug/L	96%	70 - 129	8051031	05/08/08 07:41
Methylene Chloride	50.0	49.4		ug/L	99%	76 - 135	8051031	05/08/08 07:41
4-Methyl-2-pentanone	250	267		ug/L	107%	67 - 143	8051031	05/08/08 07:41
Naphthalene	50.0	45.8		ug/L	92%	62 - 141	8051031	05/08/08 07:41
n-Propylbenzene	50.0	50.4		ug/L	101%	80 - 132	8051031	05/08/08 07:41
Styrene	50.0	57.9		ug/L	116%	80 - 139	8051031	05/08/08 07:41
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/L	111%	80 - 135	8051031	05/08/08 07:41
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	65 - 145	8051031	05/08/08 07:41
Tetrachloroethene	50.0	48.6		ug/L	97%	80 - 125	8051031	05/08/08 07:41
Toluene	50.0	48.7		ug/L	97%	80 - 125	8051031	05/08/08 07:41
1,2,3-Trichlorobenzene	50.0	41.3		ug/L	83%	57 - 144	8051031	05/08/08 07:41
1,2,4-Trichlorobenzene	50.0	46.1		ug/L	92%	60 - 140	8051031	05/08/08 07:41
1,1,2-Trichloroethane	50.0	51.3		ug/L	103%	80 - 122	8051031	05/08/08 07:41
1,1,1-Trichloroethane	50.0	51.4		ug/L	103%	80 - 131	8051031	05/08/08 07:41
Trichloroethene	50.0	50.7		ug/L	101%	80 - 131	8051031	05/08/08 07:41
Trichlorofluoromethane	50.0	45.1		ug/L	90%	68 - 125	8051031	05/08/08 07:41
1,2,3-Trichloropropane	50.0	43.8		ug/L	88%	60 - 127	8051031	05/08/08 07:41
1,3,5-Trimethylbenzene	50.0	52.0		ug/L	104%	80 - 129	8051031	05/08/08 07:41
1,2,4-Trimethylbenzene	50.0	52.2		ug/L	104%	80 - 128	8051031	05/08/08 07:41
Vinyl chloride	50.0	48.6		ug/L	97%	69 - 120	8051031	05/08/08 07:41
o-Xylene	50.0	53.3		ug/L	107%	80 - 130	8051031	05/08/08 07:41
m,p-Xylene	100	107		ug/L	107%	80 - 130	8051031	05/08/08 07:41
Xylenes, total	150	161		ug/L	107%	80 - 129	8051031	05/08/08 07:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	30.0			100%	60 - 140	8051031	05/08/08 07:41
<i>Surrogate: Dibromofluoromethane</i>	30.0	30.7			102%	75 - 124	8051031	05/08/08 07:41
<i>Surrogate: Toluene-d8</i>	30.0	30.7			102%	78 - 121	8051031	05/08/08 07:41
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	30.1			100%	79 - 124	8051031	05/08/08 07:41

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time

General Chemistry Parameters

8050755-BSD1

Total Organic Carbon		214		ug/mL	200	107%	90 - 110	0.09	20	8050755		05/07/08 12:51

Volatile Organic Compounds by EPA Method 8260B

8050818-BSD1

Acetone		240		ug/L	250	96%	62 - 150	6	29	8050818		05/07/08 09:14
Benzene		50.8		ug/L	50.0	102%	80 - 137	0.8	23	8050818		05/07/08 09:14
Bromobenzene		48.0		ug/L	50.0	96%	74 - 131	2	18	8050818		05/07/08 09:14
Bromochloromethane		48.2		ug/L	50.0	96%	80 - 128	8	18	8050818		05/07/08 09:14
Bromodichloromethane		53.5		ug/L	50.0	107%	80 - 129	2	18	8050818		05/07/08 09:14
Bromoform		45.4		ug/L	50.0	91%	69 - 127	0.5	24	8050818		05/07/08 09:14
Bromomethane		50.0		ug/L	50.0	100%	62 - 148	7	45	8050818		05/07/08 09:14
2-Butanone		265		ug/L	250	106%	77 - 141	2	36	8050818		05/07/08 09:14
sec-Butylbenzene		53.5		ug/L	50.0	107%	78 - 133	0.6	17	8050818		05/07/08 09:14
n-Butylbenzene		46.6		ug/L	50.0	93%	72 - 136	0.4	18	8050818		05/07/08 09:14
tert-Butylbenzene		53.4		ug/L	50.0	107%	77 - 135	0.5	17	8050818		05/07/08 09:14
Carbon disulfide		48.6		ug/L	50.0	97%	80 - 126	1	16	8050818		05/07/08 09:14
Carbon Tetrachloride		53.2		ug/L	50.0	106%	76 - 143	0.2	29	8050818		05/07/08 09:14
Chlorobenzene		50.6		ug/L	50.0	101%	80 - 120	0.5	27	8050818		05/07/08 09:14
Chlorodibromomethane		45.9		ug/L	50.0	92%	76 - 123	0.1	21	8050818		05/07/08 09:14
Chloroethane		53.8		ug/L	50.0	108%	77 - 127	0.3	32	8050818		05/07/08 09:14
Chloroform		50.6		ug/L	50.0	101%	80 - 133	0.4	28	8050818		05/07/08 09:14
Chloromethane		46.1		ug/L	50.0	92%	33 - 125	5	21	8050818		05/07/08 09:14
2-Chlorotoluene		50.9		ug/L	50.0	102%	80 - 127	0.5	16	8050818		05/07/08 09:14
4-Chlorotoluene		51.2		ug/L	50.0	102%	80 - 127	1	17	8050818		05/07/08 09:14
1,2-Dibromo-3-chloropropane		48.2		ug/L	50.0	96%	60 - 136	0.6	29	8050818		05/07/08 09:14
1,2-Dibromoethane (EDB)		51.5		ug/L	50.0	103%	80 - 125	1	21	8050818		05/07/08 09:14
Dibromomethane		51.3		ug/L	50.0	103%	80 - 124	2	20	8050818		05/07/08 09:14
1,4-Dichlorobenzene		48.2		ug/L	50.0	96%	80 - 120	0.3	19	8050818		05/07/08 09:14
1,3-Dichlorobenzene		50.5		ug/L	50.0	101%	80 - 123	2	18	8050818		05/07/08 09:14
1,2-Dichlorobenzene		51.3		ug/L	50.0	103%	80 - 122	0.3	23	8050818		05/07/08 09:14
Dichlorodifluoromethane		50.5		ug/L	50.0	101%	36 - 120	4	14	8050818		05/07/08 09:14
1,1-Dichloroethane		51.2		ug/L	50.0	102%	76 - 130	7	15	8050818		05/07/08 09:14
1,2-Dichloroethane		48.6		ug/L	50.0	97%	69 - 136	0.02	26	8050818		05/07/08 09:14
cis-1,2-Dichloroethene		47.8		ug/L	50.0	96%	80 - 129	8	14	8050818		05/07/08 09:14
1,1-Dichloroethene		48.3		ug/L	50.0	97%	80 - 127	2	26	8050818		05/07/08 09:14
trans-1,2-Dichloroethene		50.6		ug/L	50.0	101%	80 - 131	1	14	8050818		05/07/08 09:14
1,3-Dichloropropane		50.0		ug/L	50.0	100%	80 - 122	0.2	21	8050818		05/07/08 09:14
1,2-Dichloropropane		48.6		ug/L	50.0	97%	80 - 120	0.6	16	8050818		05/07/08 09:14
2,2-Dichloropropane		40.7		ug/L	50.0	81%	62 - 142	3	14	8050818		05/07/08 09:14
cis-1,3-Dichloropropene		51.5		ug/L	50.0	103%	76 - 135	0.3	19	8050818		05/07/08 09:14
trans-1,3-Dichloropropene		52.4		ug/L	50.0	105%	70 - 137	0.2	20	8050818		05/07/08 09:14

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8050818-bsd1												
1,1-Dichloropropene		51.2		ug/L	50.0	102%	80 - 127	0.2	14	8050818		05/07/08 09:14
Ethylbenzene		53.5		ug/L	50.0	107%	80 - 128	0.8	17	8050818		05/07/08 09:14
Hexachlorobutadiene		53.4		ug/L	50.0	107%	68 - 148	3	34	8050818		05/07/08 09:14
2-Hexanone		264		ug/L	250	106%	69 - 148	0.2	34	8050818		05/07/08 09:14
Isopropylbenzene		47.9		ug/L	50.0	96%	80 - 121	0.6	18	8050818		05/07/08 09:14
p-Isopropyltoluene		45.6		ug/L	50.0	91%	79 - 127	0	17	8050818		05/07/08 09:14
Methyl tert-Butyl Ether		47.7		ug/L	50.0	95%	70 - 129	0.1	32	8050818		05/07/08 09:14
Methylene Chloride		48.0		ug/L	50.0	96%	76 - 135	0.6	18	8050818		05/07/08 09:14
4-Methyl-2-pentanone		266		ug/L	250	107%	67 - 143	1	31	8050818		05/07/08 09:14
Naphthalene		50.7		ug/L	50.0	101%	62 - 141	6	39	8050818		05/07/08 09:14
n-Propylbenzene		51.1		ug/L	50.0	102%	80 - 132	0.5	17	8050818		05/07/08 09:14
Styrene		57.4		ug/L	50.0	115%	80 - 139	0.3	16	8050818		05/07/08 09:14
1,1,1,2-Tetrachloroethane		55.3		ug/L	50.0	111%	80 - 135	0.3	17	8050818		05/07/08 09:14
1,1,2,2-Tetrachloroethane		51.3		ug/L	50.0	103%	65 - 145	3	28	8050818		05/07/08 09:14
Tetrachloroethene		48.8		ug/L	50.0	98%	80 - 125	0.3	27	8050818		05/07/08 09:14
Toluene		48.8		ug/L	50.0	98%	80 - 125	1	19	8050818		05/07/08 09:14
1,2,3-Trichlorobenzene		46.4		ug/L	50.0	93%	57 - 144	3	31	8050818		05/07/08 09:14
1,2,4-Trichlorobenzene		47.5		ug/L	50.0	95%	60 - 140	3	26	8050818		05/07/08 09:14
1,1,2-Trichloroethane		51.3		ug/L	50.0	103%	80 - 122	0.2	21	8050818		05/07/08 09:14
1,1,1-Trichloroethane		48.8		ug/L	50.0	98%	80 - 131	0.4	16	8050818		05/07/08 09:14
Trichloroethene		50.2		ug/L	50.0	100%	80 - 131	0.3	28	8050818		05/07/08 09:14
Trichlorofluoromethane		45.6		ug/L	50.0	91%	68 - 125	0	20	8050818		05/07/08 09:14
1,2,3-Trichloropropane		44.2		ug/L	50.0	88%	60 - 127	0.8	26	8050818		05/07/08 09:14
1,3,5-Trimethylbenzene		53.0		ug/L	50.0	106%	80 - 129	0.5	16	8050818		05/07/08 09:14
1,2,4-Trimethylbenzene		53.4		ug/L	50.0	107%	80 - 128	1	22	8050818		05/07/08 09:14
Vinyl chloride		48.8		ug/L	50.0	98%	69 - 120	3	26	8050818		05/07/08 09:14
Xylenes, total		159		ug/L	150	106%	80 - 129	0.8	18	8050818		05/07/08 09:14
Surrogate: 1,2-Dichloroethane-d4		29.5		ug/L	30.0	98%	60 - 140			8050818		05/07/08 09:14
Surrogate: Dibromofluoromethane		30.4		ug/L	30.0	101%	75 - 124			8050818		05/07/08 09:14
Surrogate: Toluene-d8		30.6		ug/L	30.0	102%	78 - 121			8050818		05/07/08 09:14
Surrogate: 4-Bromofluorobenzene		30.4		ug/L	30.0	101%	79 - 124			8050818		05/07/08 09:14

8051031-bsd1

Acetone		250		ug/L	250	100%	62 - 150	5	29	8051031		05/08/08 08:05
Benzene		49.5	MNR1	ug/L	50.0	99%	80 - 137	2	23	8051031		05/08/08 08:05
Bromobenzene		46.9	MNR1	ug/L	50.0	94%	74 - 131	1	18	8051031		05/08/08 08:05
Bromochloromethane		48.6	MNR1	ug/L	50.0	97%	80 - 128	2	18	8051031		05/08/08 08:05
Bromodichloromethane		51.8	MNR1	ug/L	50.0	104%	80 - 129	2	18	8051031		05/08/08 08:05
Bromoform		43.7	MNR1	ug/L	50.0	87%	69 - 127	2	24	8051031		05/08/08 08:05
Bromomethane		49.6	MNR1	ug/L	50.0	99%	62 - 148	0.02	45	8051031		05/08/08 08:05
2-Butanone		268	MNR1	ug/L	250	107%	77 - 141	0.2	36	8051031		05/08/08 08:05

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8051031-BSD1												
sec-Butylbenzene		52.0	MNR1	ug/L	50.0	104%	78 - 133	0.2	17	8051031		05/08/08 08:05
n-Butylbenzene		45.6	MNR1	ug/L	50.0	91%	72 - 136	0.4	18	8051031		05/08/08 08:05
tert-Butylbenzene		51.5	MNR1	ug/L	50.0	103%	77 - 135	2	17	8051031		05/08/08 08:05
Carbon disulfide		49.4	MNR1	ug/L	50.0	99%	80 - 126	1	16	8051031		05/08/08 08:05
Carbon Tetrachloride		48.0	MNR1	ug/L	50.0	96%	76 - 143	9	29	8051031		05/08/08 08:05
Chlorobenzene		49.8	MNR1	ug/L	50.0	100%	80 - 120	1	27	8051031		05/08/08 08:05
Chlorodibromomethane		45.3	MNR1	ug/L	50.0	91%	76 - 123	2	21	8051031		05/08/08 08:05
Chloroethane		55.2	MNR1	ug/L	50.0	110%	77 - 127	3	32	8051031		05/08/08 08:05
Chloroform		50.4	MNR1	ug/L	50.0	101%	80 - 133	1	28	8051031		05/08/08 08:05
Chloromethane		46.7	MNR1	ug/L	50.0	93%	33 - 125	1	21	8051031		05/08/08 08:05
2-Chlorotoluene		49.6	MNR1	ug/L	50.0	99%	80 - 127	0.8	16	8051031		05/08/08 08:05
4-Chlorotoluene		50.4	MNR1	ug/L	50.0	101%	80 - 127	1	17	8051031		05/08/08 08:05
1,2-Dibromo-3-chloropropane		46.9	MNR1	ug/L	50.0	94%	60 - 136	4	29	8051031		05/08/08 08:05
1,2-Dibromoethane (EDB)		50.8	MNR1	ug/L	50.0	102%	80 - 125	2	21	8051031		05/08/08 08:05
Dibromomethane		50.6	MNR1	ug/L	50.0	101%	80 - 124	3	20	8051031		05/08/08 08:05
1,4-Dichlorobenzene		47.0	MNR1	ug/L	50.0	94%	80 - 120	3	19	8051031		05/08/08 08:05
1,3-Dichlorobenzene		49.2	MNR1	ug/L	50.0	98%	80 - 123	1	18	8051031		05/08/08 08:05
1,2-Dichlorobenzene		50.0	MNR1	ug/L	50.0	100%	80 - 122	3	23	8051031		05/08/08 08:05
Dichlorodifluoromethane		51.9	MNR1	ug/L	50.0	104%	36 - 120	0.5	14	8051031		05/08/08 08:05
1,1-Dichloroethane		50.3	MNR1	ug/L	50.0	101%	76 - 130	0.5	15	8051031		05/08/08 08:05
1,2-Dichloroethane		47.8	MNR1	ug/L	50.0	96%	69 - 136	2	26	8051031		05/08/08 08:05
cis-1,2-Dichloroethene		50.3	MNR1	ug/L	50.0	101%	80 - 129	4	14	8051031		05/08/08 08:05
1,1-Dichloroethene		48.5	MNR1	ug/L	50.0	97%	80 - 127	3	26	8051031		05/08/08 08:05
trans-1,2-Dichloroethene		50.3	MNR1	ug/L	50.0	101%	80 - 131	1	14	8051031		05/08/08 08:05
1,3-Dichloropropane		49.4	MNR1	ug/L	50.0	99%	80 - 122	2	21	8051031		05/08/08 08:05
1,2-Dichloropropane		46.4	MNR1	ug/L	50.0	93%	80 - 120	3	16	8051031		05/08/08 08:05
2,2-Dichloropropane		39.3	MNR1	ug/L	50.0	79%	62 - 142	4	14	8051031		05/08/08 08:05
cis-1,3-Dichloropropene		50.4	MNR1	ug/L	50.0	101%	76 - 135	3	19	8051031		05/08/08 08:05
trans-1,3-Dichloropropene		50.7	MNR1	ug/L	50.0	101%	70 - 137	2	20	8051031		05/08/08 08:05
1,1-Dichloropropene		50.4	MNR1	ug/L	50.0	101%	80 - 127	1	14	8051031		05/08/08 08:05
Ethylbenzene		52.4	MNR1	ug/L	50.0	105%	80 - 128	1	17	8051031		05/08/08 08:05
Hexachlorobutadiene		51.4	MNR1	ug/L	50.0	103%	68 - 148	2	34	8051031		05/08/08 08:05
2-Hexanone		258	MNR1	ug/L	250	103%	69 - 148	3	34	8051031		05/08/08 08:05
Isopropylbenzene		47.0	MNR1	ug/L	50.0	94%	80 - 121	2	18	8051031		05/08/08 08:05
p-Isopropyltoluene		45.0	MNR1	ug/L	50.0	90%	79 - 127	0.3	17	8051031		05/08/08 08:05
Methyl tert-Butyl Ether		47.5	MNR1	ug/L	50.0	95%	70 - 129	0.8	32	8051031		05/08/08 08:05
Methylene Chloride		48.8	MNR1	ug/L	50.0	98%	76 - 135	1	18	8051031		05/08/08 08:05
4-Methyl-2-pentanone		264	MNR1	ug/L	250	106%	67 - 143	1	31	8051031		05/08/08 08:05
Naphthalene		47.0	MNR1	ug/L	50.0	94%	62 - 141	3	39	8051031		05/08/08 08:05
n-Propylbenzene		50.1	MNR1	ug/L	50.0	100%	80 - 132	0.6	17	8051031		05/08/08 08:05
Styrene		56.2	MNR1	ug/L	50.0	112%	80 - 139	3	16	8051031		05/08/08 08:05

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8051031-BSD1												
1,1,1,2-Tetrachloroethane		53.1	MNR1	ug/L	50.0	106%	80 - 135	5	17	8051031		05/08/08 08:05
1,1,2,2-Tetrachloroethane		51.9	MNR1	ug/L	50.0	104%	65 - 145	4	28	8051031		05/08/08 08:05
Tetrachloroethene		47.4	MNR1	ug/L	50.0	95%	80 - 125	3	27	8051031		05/08/08 08:05
Toluene		47.8	MNR1	ug/L	50.0	96%	80 - 125	2	19	8051031		05/08/08 08:05
1,2,3-Trichlorobenzene		44.0	MNR1	ug/L	50.0	88%	57 - 144	6	31	8051031		05/08/08 08:05
1,2,4-Trichlorobenzene		45.4	MNR1	ug/L	50.0	91%	60 - 140	1	26	8051031		05/08/08 08:05
1,1,2-Trichloroethane		49.9	MNR1	ug/L	50.0	100%	80 - 122	3	21	8051031		05/08/08 08:05
1,1,1-Trichloroethane		47.6	MNR1	ug/L	50.0	95%	80 - 131	8	16	8051031		05/08/08 08:05
Trichloroethene		49.2	MNR1	ug/L	50.0	98%	80 - 131	3	28	8051031		05/08/08 08:05
Trichlorofluoromethane		43.7	MNR1	ug/L	50.0	87%	68 - 125	3	20	8051031		05/08/08 08:05
1,2,3-Trichloropropane		43.0	MNR1	ug/L	50.0	86%	60 - 127	2	26	8051031		05/08/08 08:05
1,3,5-Trimethylbenzene		51.7	MNR1	ug/L	50.0	103%	80 - 129	0.7	16	8051031		05/08/08 08:05
1,2,4-Trimethylbenzene		51.7	MNR1	ug/L	50.0	103%	80 - 128	1	22	8051031		05/08/08 08:05
Vinyl chloride		48.6	MNR1	ug/L	50.0	97%	69 - 120	0.08	26	8051031		05/08/08 08:05
o-Xylene		52.2	MNR1	ug/L	50.0	104%	80 - 130	2	18	8051031		05/08/08 08:05
m,p-Xylene		105	MNR1	ug/L	100	105%	80 - 130	2	18	8051031		05/08/08 08:05
Xylenes, total		158		ug/L	150	105%	80 - 129	2	18	8051031		05/08/08 08:05
Surrogate: 1,2-Dichloroethane-d4		29.4		ug/L	30.0	98%	60 - 140			8051031		05/08/08 08:05
Surrogate: Dibromofluoromethane		31.0		ug/L	30.0	103%	75 - 124			8051031		05/08/08 08:05
Surrogate: Toluene-d8		30.7		ug/L	30.0	102%	78 - 121			8051031		05/08/08 08:05
Surrogate: 4-Bromofluorobenzene		30.2		ug/L	30.0	100%	79 - 124			8051031		05/08/08 08:05

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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
Methane, Ethane, and Ethene by GC										
8050978-MS1										
Ethene	252	2410		ug/L	2340	92%	66 - 121	8050978	NRE0380-10	05/15/08 11:08
Methane	7960	8240	MHA	ug/L	1330	21%	62 - 145	8050978	NRE0380-10	05/15/08 11:08
<i>Surrogate: Acetylene</i>		2020		ug/L	2160	93%	74 - 120	8050978	NRE0380-10	05/15/08 11:08

Volatile Organic Compounds by EPA Method 8260B

8050818-MS1

Acetone	3.27	282		ug/L	250	111%	55 - 148	8050818	NRE0380-05	05/07/08 18:12
Benzene	ND	53.8		ug/L	50.0	108%	68 - 143	8050818	NRE0380-05	05/07/08 18:12
Bromobenzene	ND	49.7		ug/L	50.0	99%	65 - 140	8050818	NRE0380-05	05/07/08 18:12
Bromochloromethane	ND	55.6		ug/L	50.0	111%	80 - 137	8050818	NRE0380-05	05/07/08 18:12
Bromodichloromethane	ND	55.0		ug/L	50.0	110%	80 - 132	8050818	NRE0380-05	05/07/08 18:12
Bromoform	ND	46.7		ug/L	50.0	93%	67 - 123	8050818	NRE0380-05	05/07/08 18:12
Bromomethane	ND	37.8		ug/L	50.0	76%	39 - 166	8050818	NRE0380-05	05/07/08 18:12
2-Butanone	ND	321		ug/L	250	128%	50 - 154	8050818	NRE0380-05	05/07/08 18:12
sec-Butylbenzene	ND	58.9		ug/L	50.0	118%	73 - 142	8050818	NRE0380-05	05/07/08 18:12
n-Butylbenzene	ND	52.7		ug/L	50.0	105%	64 - 147	8050818	NRE0380-05	05/07/08 18:12
tert-Butylbenzene	ND	57.4		ug/L	50.0	115%	70 - 148	8050818	NRE0380-05	05/07/08 18:12
Carbon disulfide	ND	53.5		ug/L	50.0	107%	79 - 147	8050818	NRE0380-05	05/07/08 18:12
Carbon Tetrachloride	ND	56.4		ug/L	50.0	113%	62 - 165	8050818	NRE0380-05	05/07/08 18:12
Chlorobenzene	ND	52.8		ug/L	50.0	106%	67 - 140	8050818	NRE0380-05	05/07/08 18:12
Chlorodibromomethane	ND	48.0		ug/L	50.0	96%	72 - 123	8050818	NRE0380-05	05/07/08 18:12
Chloroethane	ND	61.5		ug/L	50.0	123%	74 - 151	8050818	NRE0380-05	05/07/08 18:12
Chloroform	ND	53.4		ug/L	50.0	107%	59 - 152	8050818	NRE0380-05	05/07/08 18:12
Chloromethane	ND	44.6		ug/L	50.0	89%	33 - 138	8050818	NRE0380-05	05/07/08 18:12
2-Chlorotoluene	ND	54.2		ug/L	50.0	108%	76 - 134	8050818	NRE0380-05	05/07/08 18:12
4-Chlorotoluene	ND	55.7		ug/L	50.0	111%	80 - 133	8050818	NRE0380-05	05/07/08 18:12
1,2-Dibromo-3-chloropropane	ND	53.6		ug/L	50.0	107%	60 - 136	8050818	NRE0380-05	05/07/08 18:12
1,2-Dibromoethane (EDB)	ND	52.4		ug/L	50.0	105%	80 - 132	8050818	NRE0380-05	05/07/08 18:12
Dibromomethane	ND	52.6		ug/L	50.0	105%	79 - 131	8050818	NRE0380-05	05/07/08 18:12
1,4-Dichlorobenzene	ND	52.0		ug/L	50.0	104%	80 - 126	8050818	NRE0380-05	05/07/08 18:12
1,3-Dichlorobenzene	ND	54.5		ug/L	50.0	109%	75 - 132	8050818	NRE0380-05	05/07/08 18:12
1,2-Dichlorobenzene	ND	54.0		ug/L	50.0	108%	80 - 130	8050818	NRE0380-05	05/07/08 18:12
Dichlorodifluoromethane	ND	50.9		ug/L	50.0	102%	36 - 146	8050818	NRE0380-05	05/07/08 18:12
1,1-Dichloroethane	ND	54.3		ug/L	50.0	109%	76 - 131	8050818	NRE0380-05	05/07/08 18:12
1,2-Dichloroethane	ND	51.2		ug/L	50.0	102%	53 - 146	8050818	NRE0380-05	05/07/08 18:12
cis-1,2-Dichloroethene	126	169		ug/L	50.0	87%	76 - 141	8050818	NRE0380-05	05/07/08 18:12
1,1-Dichloroethene	0.890	55.5		ug/L	50.0	109%	63 - 157	8050818	NRE0380-05	05/07/08 18:12

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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										
8050818-MS1										
trans-1,2-Dichloroethene	7.39	61.5		ug/L	50.0	108%	78 - 137	8050818	NRE0380-05	05/07/08 18:12
1,3-Dichloropropane	ND	51.3		ug/L	50.0	103%	76 - 130	8050818	NRE0380-05	05/07/08 18:12
1,2-Dichloropropane	ND	53.1		ug/L	50.0	106%	77 - 128	8050818	NRE0380-05	05/07/08 18:12
2,2-Dichloropropane	ND	57.9		ug/L	50.0	116%	62 - 145	8050818	NRE0380-05	05/07/08 18:12
cis-1,3-Dichloropropene	ND	55.4		ug/L	50.0	111%	71 - 140	8050818	NRE0380-05	05/07/08 18:12
trans-1,3-Dichloropropene	ND	56.7		ug/L	50.0	113%	65 - 137	8050818	NRE0380-05	05/07/08 18:12
1,1-Dichloropropene	ND	54.6		ug/L	50.0	109%	80 - 136	8050818	NRE0380-05	05/07/08 18:12
Ethylbenzene	ND	54.9		ug/L	50.0	110%	80 - 135	8050818	NRE0380-05	05/07/08 18:12
Hexachlorobutadiene	ND	55.7		ug/L	50.0	111%	48 - 155	8050818	NRE0380-05	05/07/08 18:12
2-Hexanone	ND	314		ug/L	250	125%	58 - 154	8050818	NRE0380-05	05/07/08 18:12
Isopropylbenzene	ND	58.0		ug/L	50.0	116%	80 - 135	8050818	NRE0380-05	05/07/08 18:12
p-Isopropyltoluene	ND	51.9		ug/L	50.0	104%	74 - 139	8050818	NRE0380-05	05/07/08 18:12
Methyl tert-Butyl Ether	ND	52.3		ug/L	50.0	105%	60 - 144	8050818	NRE0380-05	05/07/08 18:12
Methylene Chloride	ND	50.7		ug/L	50.0	101%	64 - 140	8050818	NRE0380-05	05/07/08 18:12
4-Methyl-2-pentanone	ND	310		ug/L	250	124%	55 - 153	8050818	NRE0380-05	05/07/08 18:12
Naphthalene	ND	50.3		ug/L	50.0	101%	50 - 154	8050818	NRE0380-05	05/07/08 18:12
n-Propylbenzene	ND	56.3		ug/L	50.0	113%	78 - 141	8050818	NRE0380-05	05/07/08 18:12
Styrene	ND	56.9		ug/L	50.0	114%	80 - 139	8050818	NRE0380-05	05/07/08 18:12
1,1,1,2-Tetrachloroethane	ND	57.2		ug/L	50.0	114%	75 - 140	8050818	NRE0380-05	05/07/08 18:12
1,1,2,2-Tetrachloroethane	ND	55.3		ug/L	50.0	111%	55 - 152	8050818	NRE0380-05	05/07/08 18:12
Tetrachloroethene	ND	52.2		ug/L	50.0	104%	67 - 150	8050818	NRE0380-05	05/07/08 18:12
Toluene	ND	50.3		ug/L	50.0	101%	75 - 139	8050818	NRE0380-05	05/07/08 18:12
1,2,3-Trichlorobenzene	ND	47.5		ug/L	50.0	95%	49 - 144	8050818	NRE0380-05	05/07/08 18:12
1,2,4-Trichlorobenzene	ND	48.6		ug/L	50.0	97%	55 - 135	8050818	NRE0380-05	05/07/08 18:12
1,1,2-Trichloroethane	ND	51.6		ug/L	50.0	103%	77 - 128	8050818	NRE0380-05	05/07/08 18:12
1,1,1-Trichloroethane	ND	55.0		ug/L	50.0	110%	80 - 136	8050818	NRE0380-05	05/07/08 18:12
Trichloroethene	65.2	119		ug/L	50.0	108%	57 - 158	8050818	NRE0380-05	05/07/08 18:12
Trichlorofluoromethane	ND	60.1		ug/L	50.0	120%	68 - 145	8050818	NRE0380-05	05/07/08 18:12
1,2,3-Trichloropropane	ND	53.8		ug/L	50.0	108%	55 - 137	8050818	NRE0380-05	05/07/08 18:12
1,3,5-Trimethylbenzene	ND	56.8		ug/L	50.0	114%	78 - 136	8050818	NRE0380-05	05/07/08 18:12
1,2,4-Trimethylbenzene	ND	56.6		ug/L	50.0	113%	70 - 143	8050818	NRE0380-05	05/07/08 18:12
Vinyl chloride	11.6	66.8		ug/L	50.0	111%	49 - 156	8050818	NRE0380-05	05/07/08 18:12
Xylenes, total	0.450	167		ug/L	150	111%	80 - 136	8050818	NRE0380-05	05/07/08 18:12
Surrogate: 1,2-Dichloroethane-d4		30.1		ug/L	30.0	100%	60 - 140	8050818	NRE0380-05	05/07/08 18:12
Surrogate: Dibromofluoromethane		31.0		ug/L	30.0	103%	75 - 124	8050818	NRE0380-05	05/07/08 18:12
Surrogate: Toluene-d8		30.2		ug/L	30.0	101%	78 - 121	8050818	NRE0380-05	05/07/08 18:12
Surrogate: 4-Bromofluorobenzene		29.8		ug/L	30.0	99%	79 - 124	8050818	NRE0380-05	05/07/08 18:12

Client

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

Attn

Joe Deatherage

Work Order:

NRE0380

Project Name:

Former Taylor Instruments

Project Number:

[none]

Received:

05/06/08 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										

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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
Methane, Ethane, and Ethene by GC												
8050978-MSD1												
Ethene	252	2450		ug/L	2340	94%	66 - 121	1	28	8050978	NRE0380-10	05/15/08 11:15
Methane	7960	8410	MHA	ug/L	1330	34%	62 - 145	2	25	8050978	NRE0380-10	05/15/08 11:15
Surrogate: Acetylene		1970		ug/L	2160	91%	74 - 120			8050978	NRE0380-10	05/15/08 11:15

Volatile Organic Compounds by EPA Method 8260B

8050818-MSD1

Acetone	3.27	248		ug/L	250	98%	55 - 148	13	29	8050818	NRE0380-05	05/07/08 18:36
Benzene	ND	54.6		ug/L	50.0	109%	68 - 143	1	23	8050818	NRE0380-05	05/07/08 18:36
Bromobenzene	ND	51.0		ug/L	50.0	102%	65 - 140	3	18	8050818	NRE0380-05	05/07/08 18:36
Bromochloromethane	ND	50.5		ug/L	50.0	101%	80 - 137	9	18	8050818	NRE0380-05	05/07/08 18:36
Bromodichloromethane	ND	56.4		ug/L	50.0	113%	80 - 132	2	18	8050818	NRE0380-05	05/07/08 18:36
Bromoform	ND	46.6		ug/L	50.0	93%	67 - 123	0.2	24	8050818	NRE0380-05	05/07/08 18:36
Bromomethane	ND	46.9		ug/L	50.0	94%	39 - 166	21	45	8050818	NRE0380-05	05/07/08 18:36
2-Butanone	ND	317		ug/L	250	127%	50 - 154	1	36	8050818	NRE0380-05	05/07/08 18:36
sec-Butylbenzene	ND	61.0		ug/L	50.0	122%	73 - 142	4	17	8050818	NRE0380-05	05/07/08 18:36
n-Butylbenzene	ND	54.5		ug/L	50.0	109%	64 - 147	3	18	8050818	NRE0380-05	05/07/08 18:36
tert-Butylbenzene	ND	59.6		ug/L	50.0	119%	70 - 148	4	17	8050818	NRE0380-05	05/07/08 18:36
Carbon disulfide	ND	54.6		ug/L	50.0	109%	79 - 147	2	16	8050818	NRE0380-05	05/07/08 18:36
Carbon Tetrachloride	ND	57.9		ug/L	50.0	116%	62 - 165	3	29	8050818	NRE0380-05	05/07/08 18:36
Chlorobenzene	ND	53.4		ug/L	50.0	107%	67 - 140	1	27	8050818	NRE0380-05	05/07/08 18:36
Chlorodibromomethane	ND	47.8		ug/L	50.0	96%	72 - 123	0.4	21	8050818	NRE0380-05	05/07/08 18:36
Chloroethane	ND	58.6		ug/L	50.0	117%	74 - 151	5	32	8050818	NRE0380-05	05/07/08 18:36
Chloroform	ND	54.0		ug/L	50.0	108%	59 - 152	1	28	8050818	NRE0380-05	05/07/08 18:36
Chloromethane	ND	46.5		ug/L	50.0	93%	33 - 138	4	21	8050818	NRE0380-05	05/07/08 18:36
2-Chlorotoluene	ND	55.2		ug/L	50.0	110%	76 - 134	2	16	8050818	NRE0380-05	05/07/08 18:36
4-Chlorotoluene	ND	57.1		ug/L	50.0	114%	80 - 133	3	17	8050818	NRE0380-05	05/07/08 18:36
1,2-Dibromo-3-chloropropane	ND	54.0		ug/L	50.0	108%	60 - 136	0.8	29	8050818	NRE0380-05	05/07/08 18:36
1,2-Dibromoethane (EDB)	ND	52.4		ug/L	50.0	105%	80 - 132	0.1	21	8050818	NRE0380-05	05/07/08 18:36
Dibromomethane	ND	52.8		ug/L	50.0	106%	79 - 131	0.4	20	8050818	NRE0380-05	05/07/08 18:36
1,4-Dichlorobenzene	ND	53.3		ug/L	50.0	107%	80 - 126	2	19	8050818	NRE0380-05	05/07/08 18:36
1,3-Dichlorobenzene	ND	55.7		ug/L	50.0	111%	75 - 132	2	18	8050818	NRE0380-05	05/07/08 18:36
1,2-Dichlorobenzene	ND	55.1		ug/L	50.0	110%	80 - 130	2	23	8050818	NRE0380-05	05/07/08 18:36
Dichlorodifluoromethane	ND	50.2		ug/L	50.0	100%	36 - 146	1	14	8050818	NRE0380-05	05/07/08 18:36
1,1-Dichloroethane	ND	58.6		ug/L	50.0	117%	76 - 131	8	15	8050818	NRE0380-05	05/07/08 18:36
1,2-Dichloroethane	ND	51.3		ug/L	50.0	103%	53 - 146	0.2	26	8050818	NRE0380-05	05/07/08 18:36
cis-1,2-Dichloroethene	126	168		ug/L	50.0	86%	76 - 141	0.3	14	8050818	NRE0380-05	05/07/08 18:36
1,1-Dichloroethene	0.890	56.9		ug/L	50.0	112%	63 - 157	2	26	8050818	NRE0380-05	05/07/08 18:36
trans-1,2-Dichloroethene	7.39	62.8		ug/L	50.0	111%	78 - 137	2	14	8050818	NRE0380-05	05/07/08 18:36
1,3-Dichloropropane	ND	51.1		ug/L	50.0	102%	76 - 130	0.3	21	8050818	NRE0380-05	05/07/08 18:36
1,2-Dichloropropane	ND	54.2		ug/L	50.0	108%	77 - 128	2	16	8050818	NRE0380-05	05/07/08 18:36
2,2-Dichloropropane	ND	58.4		ug/L	50.0	117%	62 - 145	0.9	14	8050818	NRE0380-05	05/07/08 18:36

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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												
8050818-MSD1												
cis-1,3-Dichloropropene	ND	55.0		ug/L	50.0	110%	71 - 140	0.7	19	8050818	NRE0380-05	05/07/08 18:36
trans-1,3-Dichloropropene	ND	57.4		ug/L	50.0	115%	65 - 137	1	20	8050818	NRE0380-05	05/07/08 18:36
1,1-Dichloropropene	ND	56.6		ug/L	50.0	113%	80 - 136	3	14	8050818	NRE0380-05	05/07/08 18:36
Ethylbenzene	ND	56.0		ug/L	50.0	112%	80 - 135	2	17	8050818	NRE0380-05	05/07/08 18:36
Hexachlorobutadiene	ND	58.0		ug/L	50.0	116%	48 - 155	4	34	8050818	NRE0380-05	05/07/08 18:36
2-Hexanone	ND	310		ug/L	250	124%	58 - 154	1	34	8050818	NRE0380-05	05/07/08 18:36
Isopropylbenzene	ND	59.7		ug/L	50.0	119%	80 - 135	3	18	8050818	NRE0380-05	05/07/08 18:36
p-Isopropyltoluene	ND	53.6		ug/L	50.0	107%	74 - 139	3	17	8050818	NRE0380-05	05/07/08 18:36
Methyl tert-Butyl Ether	ND	52.4		ug/L	50.0	105%	60 - 144	0.3	32	8050818	NRE0380-05	05/07/08 18:36
Methylene Chloride	ND	55.1		ug/L	50.0	110%	64 - 140	8	18	8050818	NRE0380-05	05/07/08 18:36
4-Methyl-2-pentanone	ND	307		ug/L	250	123%	55 - 153	0.9	31	8050818	NRE0380-05	05/07/08 18:36
Naphthalene	ND	52.3		ug/L	50.0	105%	50 - 154	4	39	8050818	NRE0380-05	05/07/08 18:36
n-Propylbenzene	ND	58.4		ug/L	50.0	117%	78 - 141	4	17	8050818	NRE0380-05	05/07/08 18:36
Styrene	ND	57.4		ug/L	50.0	115%	80 - 139	0.9	16	8050818	NRE0380-05	05/07/08 18:36
1,1,1,2-Tetrachloroethane	ND	57.4		ug/L	50.0	115%	75 - 140	0.2	17	8050818	NRE0380-05	05/07/08 18:36
1,1,2,2-Tetrachloroethane	ND	56.6		ug/L	50.0	113%	55 - 152	2	28	8050818	NRE0380-05	05/07/08 18:36
Tetrachloroethene	ND	52.9		ug/L	50.0	106%	67 - 150	1	27	8050818	NRE0380-05	05/07/08 18:36
Toluene	ND	50.8		ug/L	50.0	102%	75 - 139	0.9	19	8050818	NRE0380-05	05/07/08 18:36
1,2,3-Trichlorobenzene	ND	48.8		ug/L	50.0	98%	49 - 144	3	31	8050818	NRE0380-05	05/07/08 18:36
1,2,4-Trichlorobenzene	ND	50.7		ug/L	50.0	101%	55 - 135	4	26	8050818	NRE0380-05	05/07/08 18:36
1,1,2-Trichloroethane	ND	51.5		ug/L	50.0	103%	77 - 128	0.2	21	8050818	NRE0380-05	05/07/08 18:36
1,1,1-Trichloroethane	ND	57.1		ug/L	50.0	114%	80 - 136	4	16	8050818	NRE0380-05	05/07/08 18:36
Trichloroethene	65.2	120		ug/L	50.0	109%	57 - 158	0.2	28	8050818	NRE0380-05	05/07/08 18:36
Trichlorofluoromethane	ND	61.4		ug/L	50.0	123%	68 - 145	2	20	8050818	NRE0380-05	05/07/08 18:36
1,2,3-Trichloropropane	ND	55.2		ug/L	50.0	110%	55 - 137	3	26	8050818	NRE0380-05	05/07/08 18:36
1,3,5-Trimethylbenzene	ND	58.5		ug/L	50.0	117%	78 - 136	3	16	8050818	NRE0380-05	05/07/08 18:36
1,2,4-Trimethylbenzene	ND	58.2		ug/L	50.0	116%	70 - 143	3	22	8050818	NRE0380-05	05/07/08 18:36
Vinyl chloride	11.6	63.9		ug/L	50.0	105%	49 - 156	5	26	8050818	NRE0380-05	05/07/08 18:36
Xylenes, total	0.450	169		ug/L	150	112%	80 - 136	1	18	8050818	NRE0380-05	05/07/08 18:36
Surrogate: 1,2-Dichloroethane-d4		30.1		ug/L	30.0	100%	60 - 140			8050818	NRE0380-05	05/07/08 18:36
Surrogate: Dibromofluoromethane		30.9		ug/L	30.0	103%	75 - 124			8050818	NRE0380-05	05/07/08 18:36
Surrogate: Toluene-d8		29.7		ug/L	30.0	99%	78 - 121			8050818	NRE0380-05	05/07/08 18:36
Surrogate: 4-Bromofluorobenzene		30.3		ug/L	30.0	101%	79 - 124			8050818	NRE0380-05	05/07/08 18:36

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	New York
RSK 175	Water	N/A	X	
SM 4500CO2 C	Water	N/A		
SM5310 B/C	Water		X	X
SW846 8260B	Water	N/A	X	X

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

NELAC CERTIFICATION SUMMARY

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

Method

SM 4500CO2 C

Matrix

Water

Analyte

Carbon Dioxide

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

Work Order: NRE0380
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
HTI The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



NRE0380

Cooler Received/Opened On 5.6.08 @ 0800

1. Tracking # 0176 (last 4 digits, FedEx)

Courier: **FedEx** IR Gun ID **643140**

2. Temperature of rep. sample or temp blank when opened: 3.8 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? 1 front 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 (initial) JA

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 (initial) JA

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 (initial) JA

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 (initial) JA

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

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

Page 1 of 1

Client: MACTEC Engineering & Consulting, Inc. (4997)
Address: 1725 Louisville Drive
City, State, Zip: Knoxville TN 37921

TA Account #: 63036
Invoice to: MACTEC Engineering & Consulting, Inc. (4997)
Report to: Joe Deatherage

PO #: Must have TestAmerica

Client Invoice Contact: Accounts Payable

Client Project Mgr: Joe Deatherage

Client Telephone#: (865) 588-8544

Fax: (865) 588-8026

Sampler Name (Print) Joe Deatherage

Site Address:

City, State, Zip: New York

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Preservative

Matrix

Analyze for

NRE0380

07/23/08 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	8260B Volatile Organics	Carbon Dioxide SM 4500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B	Level 1	Level 2	Level 3	Level 4	Site Specific	Date Due of Report:			
OB-09	5-4-08	1140	3						X						X																			
BR-15		1305	3						X						X																			
BR-04		1405	3						X						X																			
BR-05		1442	3						X						X																			
BR-05		1605	3						X						X																			
BR-05 (MSD)		1606	3						X						X																			
BR-05 (MSD)		1615	3						X						X																			
BR-08		5-5-08	0855	3					X						X																			
BR-1802		1020	1						X						X																			
BR-1802		1025	3						X						X																			

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.

Relinquished by: Joe Deatherage Date: 5-5-08 Time: 17:00 Received by: _____ Date: _____ Time: _____
Shipped Via: _____ Shipped Via: _____

Received for TestAmerica by: Joe Deatherage Date: 5/6/08 Time: 9:00 Temperature Upon Receipt: 38 Sample Containers Intact? Y N VOCs Free of Headspace? Y N

QC Deliverables (Please Circle One):
Level 1 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: _____

May 12, 2008

2:37:10PM

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: 200807978
Date Received: 05/06/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
QATB01	NRE0431-01	05/02/08 10:40
QAFB01	NRE0431-02	05/02/08 10:45
QARB01	NRE0431-03	05/02/08 10:55
BR-07	NRE0431-04	05/02/08 12:15
BR-07 (Dup)	NRE0431-05	05/02/08 12:20
BR-01	NRE0431-06	05/02/08 14:40
BR-02	NRE0431-07	05/02/08 15:55
TW-20	NRE0431-08	05/02/08 16:45
TW-07	NRE0431-09	05/03/08 08:25
TW-04	NRE0431-10	05/03/08 09:40
BR-03	NRE0431-11	05/03/08 11:05
BR-17	NRE0431-12	05/03/08 12:10
BR-11	NRE0431-13	05/03/08 16:20
OB-07	NRE0431-14	05/03/08 17:15
OB-06	NRE0431-15	05/03/08 18:25
BR-09	NRE0431-16	05/04/08 09:15
TW-17	NRE0431-17	05/04/08 10:10
BR-10	NRE0431-18	05/04/08 10:52

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.

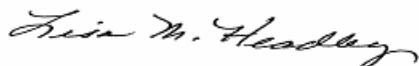
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

Lisa Headley
Senior Project Manager

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-01 (QATB01 - Water) Sampled: 05/02/08 10:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 22:16	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/07/08 22:16	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/07/08 22:16	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-01 (QATB01 - Water) - cont. Sampled: 05/02/08 10:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 22:16	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 22:16	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/07/08 22:16	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 22:16	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/07/08 22:16	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/07/08 22:16</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/07/08 22:16</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>05/07/08 22:16</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/07/08 22:16</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-02 (QAFB01 - Water) Sampled: 05/02/08 10:45

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 22:41	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Bromodichloromethane	2.38		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/07/08 22:41	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-02 (QAFB01 - Water) - cont. Sampled: 05/02/08 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	2.97		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/07/08 22:41	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 22:41	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 22:41	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/07/08 22:41	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-02 (QAFB01 - Water) - cont. Sampled: 05/02/08 10:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 22:41	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/07/08 22:41	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 22:41</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/07/08 22:41</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>05/07/08 22:41</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/07/08 22:41</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-03 (QARB01 - Water) Sampled: 05/02/08 10:55

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 23:05	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Bromodichloromethane	2.06		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/07/08 23:05	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Chloroform	2.50		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-03 (QARB01 - Water) - cont. Sampled: 05/02/08 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/07/08 23:05	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 23:05	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 23:05	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/07/08 23:05	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/07/08 23:05	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/07/08 23:05	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	104 %					05/07/08 23:05	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	102 %					05/07/08 23:05	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	102 %					05/07/08 23:05	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	107 %					05/07/08 23:05	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-04 (BR-07 - Water) Sampled: 05/02/08 12:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/07/08 23:30	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/07/08 23:30	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
cis-1,2-Dichloroethene	2.46		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
trans-1,2-Dichloroethene	2.70		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/07/08 23:30	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-04 (BR-07 - Water) - cont. Sampled: 05/02/08 12:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 23:30	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 23:30	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/07/08 23:30	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Vinyl chloride	7.06		ug/L	1.00	1	05/07/08 23:30	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/07/08 23:30	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 23:30</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>100 %</i>					<i>05/07/08 23:30</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/07/08 23:30</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/07/08 23:30</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-05 (BR-07 (Dup) - Water) Sampled: 05/02/08 12:20

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/07/08 23:54	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/07/08 23:54	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-05 (BR-07 (Dup) - Water) - cont. Sampled: 05/02/08 12:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
cis-1,2-Dichloroethene	2.40		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
trans-1,2-Dichloroethene	2.67		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/07/08 23:54	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/07/08 23:54	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/07/08 23:54	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/07/08 23:54	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-05 (BR-07 (Dup) - Water) - cont. Sampled: 05/02/08 12:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Vinyl chloride	7.16		ug/L	1.00	1	05/07/08 23:54	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/07/08 23:54	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/07/08 23:54</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/07/08 23:54</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/07/08 23:54</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/07/08 23:54</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-06 (BR-01 - Water) Sampled: 05/02/08 14:40

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 00:19	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 00:19	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
cis-1,2-Dichloroethene	10.7		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
trans-1,2-Dichloroethene	1.63		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-06 (BR-01 - Water) - cont. Sampled: 05/02/08 14:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 00:19	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 00:19	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 00:19	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 00:19	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Trichloroethene	4.19		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 00:19	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 00:19	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	105 %					05/08/08 00:19	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	102 %					05/08/08 00:19	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	103 %					05/08/08 00:19	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	108 %					05/08/08 00:19	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-07 (BR-02 - Water) Sampled: 05/02/08 15:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/08/08 00:43	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 00:43	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
cis-1,2-Dichloroethene	74.2		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
trans-1,2-Dichloroethene	14.0		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 00:43	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-07 (BR-02 - Water) - cont. Sampled: 05/02/08 15:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 00:43	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 00:43	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 00:43	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Trichloroethene	153		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 00:43	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 00:43	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/08/08 00:43</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/08/08 00:43</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 00:43</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 00:43</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-08 (TW-20 - Water) Sampled: 05/02/08 16:45

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 01:07	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 01:07	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-08 (TW-20 - Water) - cont. Sampled: 05/02/08 16:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 01:07	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 01:07	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 01:07	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 01:07	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Trichloroethene	4.50		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-08 (TW-20 - Water) - cont. Sampled: 05/02/08 16:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 01:07	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 01:07	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/08/08 01:07</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/08/08 01:07</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>05/08/08 01:07</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 01:07</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-09 (TW-07 - Water) Sampled: 05/03/08 08:25

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 01:32	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 01:32	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-09 (TW-07 - Water) - cont. Sampled: 05/03/08 08:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 01:32	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 01:32	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 01:32	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 01:32	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Trichloroethene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 01:32	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 01:32	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	107 %					05/08/08 01:32	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	102 %					05/08/08 01:32	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	102 %					05/08/08 01:32	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	108 %					05/08/08 01:32	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-10 (TW-04 - Water) Sampled: 05/03/08 09:40								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/08/08 01:56	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 01:56	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 01:56	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-10 (TW-04 - Water) - cont. Sampled: 05/03/08 09:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 01:56	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 01:56	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 01:56	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Trichloroethene	4.40		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 01:56	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 01:56	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/08/08 01:56</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>05/08/08 01:56</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>05/08/08 01:56</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>05/08/08 01:56</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-11 (BR-03 - Water) Sampled: 05/03/08 11:05

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 02:21	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 02:21	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-11 (BR-03 - Water) - cont. Sampled: 05/03/08 11:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
cis-1,2-Dichloroethene	5.20		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1-Dichloroethene	1.81		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 02:21	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 02:21	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 02:21	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 02:21	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Trichloroethene	588		ug/L	10.0	10	05/08/08 13:47	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-11 (BR-03 - Water) - cont. Sampled: 05/03/08 11:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 02:21	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 02:21	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/08/08 02:21</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>05/08/08 13:47</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/08/08 02:21</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/08/08 13:47</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 02:21</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 13:47</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 02:21</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 13:47</i>	<i>SW846 8260B</i>	<i>8051031</i>

Sample ID: NRE0431-12 (BR-17 - Water) Sampled: 05/03/08 12:10

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 02:45	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 02:45	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-12 (BR-17 - Water) - cont. Sampled: 05/03/08 12:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
cis-1,2-Dichloroethene	221		ug/L	10.0	10	05/08/08 14:12	SW846 8260B	8051031
1,1-Dichloroethene	1.83		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
trans-1,2-Dichloroethene	41.6		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 02:45	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 02:45	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 02:45	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 02:45	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Trichloroethene	47.8		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Vinyl chloride	5.30		ug/L	1.00	1	05/08/08 02:45	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 02:45	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	106 %					05/08/08 02:45	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	104 %					05/08/08 14:12	SW846 8260B	8051031
Surr: Dibromofluoromethane (75-124%)	104 %					05/08/08 02:45	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	101 %					05/08/08 14:12	SW846 8260B	8051031
Surr: Toluene-d8 (78-121%)	102 %					05/08/08 02:45	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	102 %					05/08/08 14:12	SW846 8260B	8051031
Surr: 4-Bromofluorobenzene (79-124%)	107 %					05/08/08 02:45	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	105 %					05/08/08 14:12	SW846 8260B	8051031

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-13 (BR-11 - Water) Sampled: 05/03/08 16:20								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/08/08 03:10	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 03:10	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
cis-1,2-Dichloroethene	45.0		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
trans-1,2-Dichloroethene	8.03		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 03:10	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-13 (BR-11 - Water) - cont. Sampled: 05/03/08 16:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 03:10	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 03:10	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 03:10	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Trichloroethene	10.7		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Vinyl chloride	1.54		ug/L	1.00	1	05/08/08 03:10	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 03:10	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	106 %					05/08/08 03:10	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	102 %					05/08/08 03:10	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	103 %					05/08/08 03:10	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	107 %					05/08/08 03:10	SW846 8260B	8050808

Sample ID: NRE0431-14 (OB-07 - Water) Sampled: 05/03/08 17:15

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 03:34	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 03:34	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-14 (OB-07 - Water) - cont. Sampled: 05/03/08 17:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 03:34	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 03:34	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 03:34	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 03:34	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Trichloroethene	3.57		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-14 (OB-07 - Water) - cont. Sampled: 05/03/08 17:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 03:34	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 03:34	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 03:34</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/08/08 03:34</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 03:34</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/08/08 03:34</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-15 (OB-06 - Water) Sampled: 05/03/08 18:25

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 03:59	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 03:59	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
cis-1,2-Dichloroethene	3.90		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-15 (OB-06 - Water) - cont. Sampled: 05/03/08 18:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 03:59	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 03:59	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 03:59	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 03:59	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Trichloroethene	72.6		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 03:59	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 03:59	SW846 8260B	8050808
Surr: 1,2-Dichloroethane-d4 (60-140%)	107 %					05/08/08 03:59	SW846 8260B	8050808
Surr: Dibromofluoromethane (75-124%)	103 %					05/08/08 03:59	SW846 8260B	8050808
Surr: Toluene-d8 (78-121%)	102 %					05/08/08 03:59	SW846 8260B	8050808
Surr: 4-Bromofluorobenzene (79-124%)	107 %					05/08/08 03:59	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-16 (BR-09 - Water) Sampled: 05/04/08 09:15								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/08/08 04:23	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 04:23	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
cis-1,2-Dichloroethene	7.81		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 04:23	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-16 (BR-09 - Water) - cont. Sampled: 05/04/08 09:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 04:23	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 04:23	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 04:23	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Trichloroethene	2.88		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 04:23	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 04:23	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 04:23</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/08/08 04:23</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>101 %</i>					<i>05/08/08 04:23</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>05/08/08 04:23</i>	<i>SW846 8260B</i>	<i>8050808</i>

Sample ID: NRE0431-17 (TW-17 - Water) Sampled: 05/04/08 10:10

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 04:47	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 04:47	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-17 (TW-17 - Water) - cont. Sampled: 05/04/08 10:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
cis-1,2-Dichloroethene	4.19		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 04:47	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 04:47	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 04:47	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 04:47	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Tetrachloroethene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Trichloroethene	477		ug/L	10.0	10	05/08/08 14:36	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-17 (TW-17 - Water) - cont. Sampled: 05/04/08 10:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Vinyl chloride	ND		ug/L	1.00	1	05/08/08 04:47	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 04:47	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>05/08/08 04:47</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 14:36</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>05/08/08 04:47</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/08/08 14:36</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>101 %</i>					<i>05/08/08 04:47</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 14:36</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>05/08/08 04:47</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>05/08/08 14:36</i>	<i>SW846 8260B</i>	<i>8051031</i>

Sample ID: NRE0431-18 (BR-10 - Water) Sampled: 05/04/08 10:52

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	05/08/08 05:12	SW846 8260B	8050808
Benzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Bromobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Bromochloromethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Bromodichloromethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Bromoform	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Bromomethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
2-Butanone	ND		ug/L	50.0	1	05/08/08 05:12	SW846 8260B	8050808
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
n-Butylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Carbon disulfide	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Chlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Chloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Chloroform	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Chloromethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Dibromomethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1-Dichloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRE0431-18 (BR-10 - Water) - cont. Sampled: 05/04/08 10:52								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
cis-1,2-Dichloroethene	94.6		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1-Dichloroethene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
trans-1,2-Dichloroethene	10.7		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Ethylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
2-Hexanone	ND		ug/L	50.0	1	05/08/08 05:12	SW846 8260B	8050808
Isopropylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Methylene Chloride	ND		ug/L	5.00	1	05/08/08 05:12	SW846 8260B	8050808
4-Methyl-2-pentanone	ND		ug/L	10.0	1	05/08/08 05:12	SW846 8260B	8050808
Naphthalene	ND		ug/L	5.00	1	05/08/08 05:12	SW846 8260B	8050808
n-Propylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Styrene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Tetrachloroethene	2.94		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Toluene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Trichloroethene	357		ug/L	10.0	10	05/08/08 15:01	SW846 8260B	8051031
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Vinyl chloride	1.40		ug/L	1.00	1	05/08/08 05:12	SW846 8260B	8050808
Xylenes, total	ND		ug/L	3.00	1	05/08/08 05:12	SW846 8260B	8050808
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 05:12</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>05/08/08 15:01</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>05/08/08 05:12</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>05/08/08 15:01</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 05:12</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>102 %</i>					<i>05/08/08 15:01</i>	<i>SW846 8260B</i>	<i>8051031</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/08/08 05:12</i>	<i>SW846 8260B</i>	<i>8050808</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>05/08/08 15:01</i>	<i>SW846 8260B</i>	<i>8051031</i>

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

PROJECT QUALITY CONTROL DATA

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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

Volatile Organic Compounds by EPA Method 8260B

8050808-BLK1

Acetone	<25.0		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Benzene	<0.270		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Bromobenzene	<0.360		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Bromochloromethane	<0.400		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Bromodichloromethane	<0.350		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Bromoform	<0.430		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Bromomethane	<0.420		ug/L	8050808	8050808-BLK1	05/07/08 21:52
2-Butanone	<2.40		ug/L	8050808	8050808-BLK1	05/07/08 21:52
sec-Butylbenzene	<0.140		ug/L	8050808	8050808-BLK1	05/07/08 21:52
n-Butylbenzene	<0.280		ug/L	8050808	8050808-BLK1	05/07/08 21:52
tert-Butylbenzene	<0.330		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Carbon disulfide	<0.380		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Carbon Tetrachloride	<0.350		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Chlorobenzene	<0.180		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Chlorodibromomethane	<0.280		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Chloroethane	<0.450		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Chloroform	<0.280		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Chloromethane	<0.380		ug/L	8050808	8050808-BLK1	05/07/08 21:52
2-Chlorotoluene	<0.300		ug/L	8050808	8050808-BLK1	05/07/08 21:52
4-Chlorotoluene	<0.330		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2-Dibromoethane (EDB)	<0.390		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Dibromomethane	<0.350		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,4-Dichlorobenzene	<0.380		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,3-Dichlorobenzene	<0.350		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2-Dichlorobenzene	<0.500		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Dichlorodifluoromethane	<0.460		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1-Dichloroethane	<0.540		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2-Dichloroethane	<0.370		ug/L	8050808	8050808-BLK1	05/07/08 21:52
cis-1,2-Dichloroethene	<0.390		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1-Dichloroethene	<0.340		ug/L	8050808	8050808-BLK1	05/07/08 21:52
trans-1,2-Dichloroethene	<0.470		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,3-Dichloropropane	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2-Dichloropropane	<0.320		ug/L	8050808	8050808-BLK1	05/07/08 21:52
2,2-Dichloropropane	<0.420		ug/L	8050808	8050808-BLK1	05/07/08 21:52
cis-1,3-Dichloropropene	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
trans-1,3-Dichloropropene	<0.330		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1-Dichloropropene	<0.310		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Ethylbenzene	<0.240		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Hexachlorobutadiene	<0.910		ug/L	8050808	8050808-BLK1	05/07/08 21:52
2-Hexanone	<16.7		ug/L	8050808	8050808-BLK1	05/07/08 21:52

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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

8050808-BLK1

Isopropylbenzene	<0.300		ug/L	8050808	8050808-BLK1	05/07/08 21:52
p-Isopropyltoluene	<0.220		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Methyl tert-Butyl Ether	<0.420		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Methylene Chloride	1.89		ug/L	8050808	8050808-BLK1	05/07/08 21:52
4-Methyl-2-pentanone	<3.49		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Naphthalene	<0.540		ug/L	8050808	8050808-BLK1	05/07/08 21:52
n-Propylbenzene	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Styrene	<0.330		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Tetrachloroethene	<0.230		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Toluene	<0.280		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2,3-Trichlorobenzene	<0.940		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2,4-Trichlorobenzene	<0.500		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1,2-Trichloroethane	<0.400		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,1,1-Trichloroethane	<0.370		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Trichloroethene	<0.230		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Trichlorofluoromethane	<0.350		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2,3-Trichloropropane	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,3,5-Trimethylbenzene	<0.160		ug/L	8050808	8050808-BLK1	05/07/08 21:52
1,2,4-Trimethylbenzene	<0.170		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Vinyl chloride	<0.290		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Xylenes, total	<0.860		ug/L	8050808	8050808-BLK1	05/07/08 21:52
Surrogate: 1,2-Dichloroethane-d4	106%			8050808	8050808-BLK1	05/07/08 21:52
Surrogate: Dibromofluoromethane	103%			8050808	8050808-BLK1	05/07/08 21:52
Surrogate: Toluene-d8	102%			8050808	8050808-BLK1	05/07/08 21:52
Surrogate: 4-Bromofluorobenzene	108%			8050808	8050808-BLK1	05/07/08 21:52

8051031-BLK1

Acetone	<25.0		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Benzene	<0.270		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromobenzene	<0.360		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromochloromethane	<0.400		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromodichloromethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromoform	<0.430		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Bromomethane	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Butanone	<2.40		ug/L	8051031	8051031-BLK1	05/08/08 09:18
sec-Butylbenzene	<0.140		ug/L	8051031	8051031-BLK1	05/08/08 09:18
n-Butylbenzene	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
tert-Butylbenzene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Carbon disulfide	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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

8051031-BLK1

Carbon Tetrachloride	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chlorobenzene	<0.180		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chlorodibromomethane	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloroethane	<0.450		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloroform	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Chloromethane	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Chlorotoluene	<0.300		ug/L	8051031	8051031-BLK1	05/08/08 09:18
4-Chlorotoluene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dibromoethane (EDB)	<0.390		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Dibromomethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,4-Dichlorobenzene	<0.380		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3-Dichlorobenzene	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichlorobenzene	<0.500		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Dichlorodifluoromethane	<0.460		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloroethane	<0.540		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichloroethane	<0.370		ug/L	8051031	8051031-BLK1	05/08/08 09:18
cis-1,2-Dichloroethene	<0.390		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloroethene	<0.340		ug/L	8051031	8051031-BLK1	05/08/08 09:18
trans-1,2-Dichloroethene	<0.470		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3-Dichloropropane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2-Dichloropropane	<0.320		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2,2-Dichloropropane	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
cis-1,3-Dichloropropene	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
trans-1,3-Dichloropropene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1-Dichloropropene	<0.310		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Ethylbenzene	<0.240		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Hexachlorobutadiene	<0.910		ug/L	8051031	8051031-BLK1	05/08/08 09:18
2-Hexanone	<16.7		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Isopropylbenzene	<0.300		ug/L	8051031	8051031-BLK1	05/08/08 09:18
p-Isopropyltoluene	<0.220		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Methyl tert-Butyl Ether	<0.420		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Methylene Chloride	1.69		ug/L	8051031	8051031-BLK1	05/08/08 09:18
4-Methyl-2-pentanone	<3.49		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Naphthalene	<0.540		ug/L	8051031	8051031-BLK1	05/08/08 09:18
n-Propylbenzene	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Styrene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Tetrachloroethene	<0.230		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Toluene	<0.280		ug/L	8051031	8051031-BLK1	05/08/08 09:18

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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						
8051031-BLK1						
1,2,3-Trichlorobenzene	<0.940		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,4-Trichlorobenzene	<0.500		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,2-Trichloroethane	<0.400		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,1,1-Trichloroethane	<0.370		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Trichloroethene	<0.230		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Trichlorofluoromethane	<0.350		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,3-Trichloropropane	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,3,5-Trimethylbenzene	<0.160		ug/L	8051031	8051031-BLK1	05/08/08 09:18
1,2,4-Trimethylbenzene	<0.170		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Vinyl chloride	<0.290		ug/L	8051031	8051031-BLK1	05/08/08 09:18
o-Xylene	<0.330		ug/L	8051031	8051031-BLK1	05/08/08 09:18
m,p-Xylene	<0.530		ug/L	8051031	8051031-BLK1	05/08/08 09:18
Xylenes, total	<0.860		ug/L	8051031	8051031-BLK1	05/08/08 09:18
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104%			8051031	8051031-BLK1	05/08/08 09:18
<i>Surrogate: Dibromofluoromethane</i>	102%			8051031	8051031-BLK1	05/08/08 09:18
<i>Surrogate: Toluene-d8</i>	101%			8051031	8051031-BLK1	05/08/08 09:18
<i>Surrogate: 4-Bromofluorobenzene</i>	107%			8051031	8051031-BLK1	05/08/08 09:18

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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								
8050808-BS1								
Acetone	250	267		ug/L	107%	62 - 150	8050808	05/07/08 20:14
Benzene	50.0	50.2		ug/L	100%	80 - 137	8050808	05/07/08 20:14
Bromobenzene	50.0	48.1		ug/L	96%	74 - 131	8050808	05/07/08 20:14
Bromochloromethane	50.0	49.9		ug/L	100%	80 - 128	8050808	05/07/08 20:14
Bromodichloromethane	50.0	52.9		ug/L	106%	80 - 129	8050808	05/07/08 20:14
Bromoform	50.0	45.7		ug/L	91%	69 - 127	8050808	05/07/08 20:14
Bromomethane	50.0	51.2		ug/L	102%	62 - 148	8050808	05/07/08 20:14
2-Butanone	250	290		ug/L	116%	77 - 141	8050808	05/07/08 20:14
sec-Butylbenzene	50.0	53.9		ug/L	108%	78 - 133	8050808	05/07/08 20:14
n-Butylbenzene	50.0	47.9		ug/L	96%	72 - 136	8050808	05/07/08 20:14
tert-Butylbenzene	50.0	54.0		ug/L	108%	77 - 135	8050808	05/07/08 20:14
Carbon disulfide	50.0	50.0		ug/L	100%	80 - 126	8050808	05/07/08 20:14
Carbon Tetrachloride	50.0	52.0		ug/L	104%	76 - 143	8050808	05/07/08 20:14
Chlorobenzene	50.0	50.4		ug/L	101%	80 - 120	8050808	05/07/08 20:14
Chlorodibromomethane	50.0	45.8		ug/L	92%	76 - 123	8050808	05/07/08 20:14
Chloroethane	50.0	53.8		ug/L	108%	77 - 127	8050808	05/07/08 20:14
Chloroform	50.0	50.5		ug/L	101%	80 - 133	8050808	05/07/08 20:14
Chloromethane	50.0	41.6		ug/L	83%	33 - 125	8050808	05/07/08 20:14
2-Chlorotoluene	50.0	51.7		ug/L	103%	80 - 127	8050808	05/07/08 20:14
4-Chlorotoluene	50.0	51.8		ug/L	104%	80 - 127	8050808	05/07/08 20:14
1,2-Dibromo-3-chloropropane	50.0	50.8		ug/L	102%	60 - 136	8050808	05/07/08 20:14
1,2-Dibromoethane (EDB)	50.0	51.7		ug/L	103%	80 - 125	8050808	05/07/08 20:14
Dibromomethane	50.0	51.6		ug/L	103%	80 - 124	8050808	05/07/08 20:14
1,4-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 120	8050808	05/07/08 20:14
1,3-Dichlorobenzene	50.0	50.8		ug/L	102%	80 - 123	8050808	05/07/08 20:14
1,2-Dichlorobenzene	50.0	52.0		ug/L	104%	80 - 122	8050808	05/07/08 20:14
Dichlorodifluoromethane	50.0	51.0		ug/L	102%	36 - 120	8050808	05/07/08 20:14
1,1-Dichloroethane	50.0	51.0		ug/L	102%	76 - 130	8050808	05/07/08 20:14
1,2-Dichloroethane	50.0	48.8		ug/L	98%	69 - 136	8050808	05/07/08 20:14
cis-1,2-Dichloroethene	50.0	53.0		ug/L	106%	80 - 129	8050808	05/07/08 20:14
1,1-Dichloroethene	50.0	49.7		ug/L	99%	80 - 127	8050808	05/07/08 20:14
trans-1,2-Dichloroethene	50.0	50.7		ug/L	101%	80 - 131	8050808	05/07/08 20:14
1,3-Dichloropropane	50.0	50.8		ug/L	102%	80 - 122	8050808	05/07/08 20:14
1,2-Dichloropropane	50.0	48.1		ug/L	96%	80 - 120	8050808	05/07/08 20:14
2,2-Dichloropropane	50.0	49.1		ug/L	98%	62 - 142	8050808	05/07/08 20:14
cis-1,3-Dichloropropene	50.0	52.9		ug/L	106%	76 - 135	8050808	05/07/08 20:14
trans-1,3-Dichloropropene	50.0	53.7		ug/L	107%	70 - 137	8050808	05/07/08 20:14
1,1-Dichloropropene	50.0	50.7		ug/L	101%	80 - 127	8050808	05/07/08 20:14
Ethylbenzene	50.0	53.1		ug/L	106%	80 - 128	8050808	05/07/08 20:14
Hexachlorobutadiene	50.0	53.4		ug/L	107%	68 - 148	8050808	05/07/08 20:14
2-Hexanone	250	290		ug/L	116%	69 - 148	8050808	05/07/08 20:14

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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								
8050808-BS1								
Isopropylbenzene	50.0	48.1		ug/L	96%	80 - 121	8050808	05/07/08 20:14
p-Isopropyltoluene	50.0	46.4		ug/L	93%	79 - 127	8050808	05/07/08 20:14
Methyl tert-Butyl Ether	50.0	49.0		ug/L	98%	70 - 129	8050808	05/07/08 20:14
Methylene Chloride	50.0	49.1		ug/L	98%	76 - 135	8050808	05/07/08 20:14
4-Methyl-2-pentanone	250	292		ug/L	117%	67 - 143	8050808	05/07/08 20:14
Naphthalene	50.0	51.2		ug/L	102%	62 - 141	8050808	05/07/08 20:14
n-Propylbenzene	50.0	52.1		ug/L	104%	80 - 132	8050808	05/07/08 20:14
Styrene	50.0	57.8		ug/L	116%	80 - 139	8050808	05/07/08 20:14
1,1,1,2-Tetrachloroethane	50.0	54.3		ug/L	109%	80 - 135	8050808	05/07/08 20:14
1,1,2,2-Tetrachloroethane	50.0	52.8		ug/L	106%	65 - 145	8050808	05/07/08 20:14
Tetrachloroethene	50.0	48.7		ug/L	97%	80 - 125	8050808	05/07/08 20:14
Toluene	50.0	48.5		ug/L	97%	80 - 125	8050808	05/07/08 20:14
1,2,3-Trichlorobenzene	50.0	43.0		ug/L	86%	57 - 144	8050808	05/07/08 20:14
1,2,4-Trichlorobenzene	50.0	47.6		ug/L	95%	60 - 140	8050808	05/07/08 20:14
1,1,2-Trichloroethane	50.0	51.9		ug/L	104%	80 - 122	8050808	05/07/08 20:14
1,1,1-Trichloroethane	50.0	47.9		ug/L	96%	80 - 131	8050808	05/07/08 20:14
Trichloroethene	50.0	49.6		ug/L	99%	80 - 131	8050808	05/07/08 20:14
Trichlorofluoromethane	50.0	44.8		ug/L	90%	68 - 125	8050808	05/07/08 20:14
1,2,3-Trichloropropane	50.0	47.2		ug/L	94%	60 - 127	8050808	05/07/08 20:14
1,3,5-Trimethylbenzene	50.0	53.6		ug/L	107%	80 - 129	8050808	05/07/08 20:14
1,2,4-Trimethylbenzene	50.0	54.1		ug/L	108%	80 - 128	8050808	05/07/08 20:14
Vinyl chloride	50.0	48.9		ug/L	98%	69 - 120	8050808	05/07/08 20:14
Xylenes, total	150	160		ug/L	107%	80 - 129	8050808	05/07/08 20:14
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	29.5			98%	60 - 140	8050808	05/07/08 20:14
<i>Surrogate: Dibromofluoromethane</i>	30.0	30.7			102%	75 - 124	8050808	05/07/08 20:14
<i>Surrogate: Toluene-d8</i>	30.0	30.3			101%	78 - 121	8050808	05/07/08 20:14
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	30.6			102%	79 - 124	8050808	05/07/08 20:14
8051031-BS1								
Acetone	250	262		ug/L	105%	62 - 150	8051031	05/08/08 07:41
Benzene	50.0	50.4		ug/L	101%	80 - 137	8051031	05/08/08 07:41
Bromobenzene	50.0	47.4		ug/L	95%	74 - 131	8051031	05/08/08 07:41
Bromochloromethane	50.0	49.6		ug/L	99%	80 - 128	8051031	05/08/08 07:41
Bromodichloromethane	50.0	52.8		ug/L	106%	80 - 129	8051031	05/08/08 07:41
Bromoform	50.0	44.6		ug/L	89%	69 - 127	8051031	05/08/08 07:41
Bromomethane	50.0	49.6		ug/L	99%	62 - 148	8051031	05/08/08 07:41
2-Butanone	250	267		ug/L	107%	77 - 141	8051031	05/08/08 07:41
sec-Butylbenzene	50.0	52.1		ug/L	104%	78 - 133	8051031	05/08/08 07:41
n-Butylbenzene	50.0	45.8		ug/L	92%	72 - 136	8051031	05/08/08 07:41
tert-Butylbenzene	50.0	52.5		ug/L	105%	77 - 135	8051031	05/08/08 07:41
Carbon disulfide	50.0	49.9		ug/L	100%	80 - 126	8051031	05/08/08 07:41

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

Work Order: NRE0431
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Project Number: [none]
Received: 05/06/08 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								
8051031-BS1								
Carbon Tetrachloride	50.0	52.7		ug/L	105%	76 - 143	8051031	05/08/08 07:41
Chlorobenzene	50.0	50.5		ug/L	101%	80 - 120	8051031	05/08/08 07:41
Chlorodibromomethane	50.0	46.1		ug/L	92%	76 - 123	8051031	05/08/08 07:41
Chloroethane	50.0	56.6		ug/L	113%	77 - 127	8051031	05/08/08 07:41
Chloroform	50.0	51.1		ug/L	102%	80 - 133	8051031	05/08/08 07:41
Chloromethane	50.0	47.3		ug/L	95%	33 - 125	8051031	05/08/08 07:41
2-Chlorotoluene	50.0	50.0		ug/L	100%	80 - 127	8051031	05/08/08 07:41
4-Chlorotoluene	50.0	51.0		ug/L	102%	80 - 127	8051031	05/08/08 07:41
1,2-Dibromo-3-chloropropane	50.0	45.1		ug/L	90%	60 - 136	8051031	05/08/08 07:41
1,2-Dibromoethane (EDB)	50.0	51.5		ug/L	103%	80 - 125	8051031	05/08/08 07:41
Dibromomethane	50.0	52.0		ug/L	104%	80 - 124	8051031	05/08/08 07:41
1,4-Dichlorobenzene	50.0	48.3		ug/L	97%	80 - 120	8051031	05/08/08 07:41
1,3-Dichlorobenzene	50.0	49.8		ug/L	100%	80 - 123	8051031	05/08/08 07:41
1,2-Dichlorobenzene	50.0	51.6		ug/L	103%	80 - 122	8051031	05/08/08 07:41
Dichlorodifluoromethane	50.0	52.1		ug/L	104%	36 - 120	8051031	05/08/08 07:41
1,1-Dichloroethane	50.0	50.5		ug/L	101%	76 - 130	8051031	05/08/08 07:41
1,2-Dichloroethane	50.0	49.0		ug/L	98%	69 - 136	8051031	05/08/08 07:41
cis-1,2-Dichloroethene	50.0	48.3		ug/L	97%	80 - 129	8051031	05/08/08 07:41
1,1-Dichloroethene	50.0	49.8		ug/L	100%	80 - 127	8051031	05/08/08 07:41
trans-1,2-Dichloroethene	50.0	51.0		ug/L	102%	80 - 131	8051031	05/08/08 07:41
1,3-Dichloropropane	50.0	50.2		ug/L	100%	80 - 122	8051031	05/08/08 07:41
1,2-Dichloropropane	50.0	47.8		ug/L	96%	80 - 120	8051031	05/08/08 07:41
2,2-Dichloropropane	50.0	40.9		ug/L	82%	62 - 142	8051031	05/08/08 07:41
cis-1,3-Dichloropropene	50.0	51.8		ug/L	104%	76 - 135	8051031	05/08/08 07:41
trans-1,3-Dichloropropene	50.0	51.9		ug/L	104%	70 - 137	8051031	05/08/08 07:41
1,1-Dichloropropene	50.0	51.1		ug/L	102%	80 - 127	8051031	05/08/08 07:41
Ethylbenzene	50.0	53.0		ug/L	106%	80 - 128	8051031	05/08/08 07:41
Hexachlorobutadiene	50.0	50.3		ug/L	101%	68 - 148	8051031	05/08/08 07:41
2-Hexanone	250	265		ug/L	106%	69 - 148	8051031	05/08/08 07:41
Isopropylbenzene	50.0	47.8		ug/L	96%	80 - 121	8051031	05/08/08 07:41
p-Isopropyltoluene	50.0	45.2		ug/L	90%	79 - 127	8051031	05/08/08 07:41
Methyl tert-Butyl Ether	50.0	47.9		ug/L	96%	70 - 129	8051031	05/08/08 07:41
Methylene Chloride	50.0	49.4		ug/L	99%	76 - 135	8051031	05/08/08 07:41
4-Methyl-2-pentanone	250	267		ug/L	107%	67 - 143	8051031	05/08/08 07:41
Naphthalene	50.0	45.8		ug/L	92%	62 - 141	8051031	05/08/08 07:41
n-Propylbenzene	50.0	50.4		ug/L	101%	80 - 132	8051031	05/08/08 07:41
Styrene	50.0	57.9		ug/L	116%	80 - 139	8051031	05/08/08 07:41
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/L	111%	80 - 135	8051031	05/08/08 07:41
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	65 - 145	8051031	05/08/08 07:41
Tetrachloroethene	50.0	48.6		ug/L	97%	80 - 125	8051031	05/08/08 07:41
Toluene	50.0	48.7		ug/L	97%	80 - 125	8051031	05/08/08 07:41

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
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Received: 05/06/08 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								
8051031-BS1								
1,2,3-Trichlorobenzene	50.0	41.3		ug/L	83%	57 - 144	8051031	05/08/08 07:41
1,2,4-Trichlorobenzene	50.0	46.1		ug/L	92%	60 - 140	8051031	05/08/08 07:41
1,1,2-Trichloroethane	50.0	51.3		ug/L	103%	80 - 122	8051031	05/08/08 07:41
1,1,1-Trichloroethane	50.0	51.4		ug/L	103%	80 - 131	8051031	05/08/08 07:41
Trichloroethene	50.0	50.7		ug/L	101%	80 - 131	8051031	05/08/08 07:41
Trichlorofluoromethane	50.0	45.1		ug/L	90%	68 - 125	8051031	05/08/08 07:41
1,2,3-Trichloropropane	50.0	43.8		ug/L	88%	60 - 127	8051031	05/08/08 07:41
1,3,5-Trimethylbenzene	50.0	52.0		ug/L	104%	80 - 129	8051031	05/08/08 07:41
1,2,4-Trimethylbenzene	50.0	52.2		ug/L	104%	80 - 128	8051031	05/08/08 07:41
Vinyl chloride	50.0	48.6		ug/L	97%	69 - 120	8051031	05/08/08 07:41
o-Xylene	50.0	53.3		ug/L	107%	80 - 130	8051031	05/08/08 07:41
m,p-Xylene	100	107		ug/L	107%	80 - 130	8051031	05/08/08 07:41
Xylenes, total	150	161		ug/L	107%	80 - 129	8051031	05/08/08 07:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	30.0			100%	60 - 140	8051031	05/08/08 07:41
<i>Surrogate: Dibromofluoromethane</i>	30.0	30.7			102%	75 - 124	8051031	05/08/08 07:41
<i>Surrogate: Toluene-d8</i>	30.0	30.7			102%	78 - 121	8051031	05/08/08 07:41
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	30.1			100%	79 - 124	8051031	05/08/08 07:41

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
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Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8050808-BSD1												
Acetone		286		ug/L	250	115%	62 - 150	7	29	8050808		05/07/08 20:39
Benzene		51.8		ug/L	50.0	104%	80 - 137	3	23	8050808		05/07/08 20:39
Bromobenzene		50.2		ug/L	50.0	100%	74 - 131	4	18	8050808		05/07/08 20:39
Bromochloromethane		53.3		ug/L	50.0	107%	80 - 128	7	18	8050808		05/07/08 20:39
Bromodichloromethane		53.8		ug/L	50.0	108%	80 - 129	2	18	8050808		05/07/08 20:39
Bromoform		46.0		ug/L	50.0	92%	69 - 127	0.8	24	8050808		05/07/08 20:39
Bromomethane		49.9		ug/L	50.0	100%	62 - 148	3	45	8050808		05/07/08 20:39
2-Butanone		304		ug/L	250	122%	77 - 141	5	36	8050808		05/07/08 20:39
sec-Butylbenzene		55.2		ug/L	50.0	110%	78 - 133	2	17	8050808		05/07/08 20:39
n-Butylbenzene		48.8		ug/L	50.0	98%	72 - 136	2	18	8050808		05/07/08 20:39
tert-Butylbenzene		54.8		ug/L	50.0	110%	77 - 135	2	17	8050808		05/07/08 20:39
Carbon disulfide		51.0		ug/L	50.0	102%	80 - 126	2	16	8050808		05/07/08 20:39
Carbon Tetrachloride		52.9		ug/L	50.0	106%	76 - 143	2	29	8050808		05/07/08 20:39
Chlorobenzene		52.2		ug/L	50.0	104%	80 - 120	4	27	8050808		05/07/08 20:39
Chlorodibromomethane		47.3		ug/L	50.0	95%	76 - 123	3	21	8050808		05/07/08 20:39
Chloroethane		54.6		ug/L	50.0	109%	77 - 127	2	32	8050808		05/07/08 20:39
Chloroform		51.6		ug/L	50.0	103%	80 - 133	2	28	8050808		05/07/08 20:39
Chloromethane		43.2		ug/L	50.0	86%	33 - 125	4	21	8050808		05/07/08 20:39
2-Chlorotoluene		53.3		ug/L	50.0	107%	80 - 127	3	16	8050808		05/07/08 20:39
4-Chlorotoluene		53.6		ug/L	50.0	107%	80 - 127	3	17	8050808		05/07/08 20:39
1,2-Dibromo-3-chloropropane		51.7		ug/L	50.0	103%	60 - 136	2	29	8050808		05/07/08 20:39
1,2-Dibromoethane (EDB)		53.9		ug/L	50.0	108%	80 - 125	4	21	8050808		05/07/08 20:39
Dibromomethane		52.5		ug/L	50.0	105%	80 - 124	2	20	8050808		05/07/08 20:39
1,4-Dichlorobenzene		50.0		ug/L	50.0	100%	80 - 120	2	19	8050808		05/07/08 20:39
1,3-Dichlorobenzene		51.5		ug/L	50.0	103%	80 - 123	1	18	8050808		05/07/08 20:39
1,2-Dichlorobenzene		53.0		ug/L	50.0	106%	80 - 122	2	23	8050808		05/07/08 20:39
Dichlorodifluoromethane		51.9		ug/L	50.0	104%	36 - 120	2	14	8050808		05/07/08 20:39
1,1-Dichloroethane		51.4		ug/L	50.0	103%	76 - 130	0.7	15	8050808		05/07/08 20:39
1,2-Dichloroethane		49.7		ug/L	50.0	99%	69 - 136	2	26	8050808		05/07/08 20:39
cis-1,2-Dichloroethene		50.4		ug/L	50.0	101%	80 - 129	5	14	8050808		05/07/08 20:39
1,1-Dichloroethene		50.1		ug/L	50.0	100%	80 - 127	0.8	26	8050808		05/07/08 20:39
trans-1,2-Dichloroethene		52.0		ug/L	50.0	104%	80 - 131	3	14	8050808		05/07/08 20:39
1,3-Dichloropropane		51.1		ug/L	50.0	102%	80 - 122	0.6	21	8050808		05/07/08 20:39
1,2-Dichloropropane		48.9		ug/L	50.0	98%	80 - 120	2	16	8050808		05/07/08 20:39
2,2-Dichloropropane		50.1		ug/L	50.0	100%	62 - 142	2	14	8050808		05/07/08 20:39
cis-1,3-Dichloropropene		54.4		ug/L	50.0	109%	76 - 135	3	19	8050808		05/07/08 20:39
trans-1,3-Dichloropropene		54.8		ug/L	50.0	110%	70 - 137	2	20	8050808		05/07/08 20:39
1,1-Dichloropropene		52.0		ug/L	50.0	104%	80 - 127	3	14	8050808		05/07/08 20:39
Ethylbenzene		55.2		ug/L	50.0	110%	80 - 128	4	17	8050808		05/07/08 20:39
Hexachlorobutadiene		54.1		ug/L	50.0	108%	68 - 148	1	34	8050808		05/07/08 20:39
2-Hexanone		300		ug/L	250	120%	69 - 148	3	34	8050808		05/07/08 20:39

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8050808-BSD1												
Isopropylbenzene		49.2		ug/L	50.0	98%	80 - 121	2	18	8050808		05/07/08 20:39
p-Isopropyltoluene		47.0		ug/L	50.0	94%	79 - 127	1	17	8050808		05/07/08 20:39
Methyl tert-Butyl Ether		49.9		ug/L	50.0	100%	70 - 129	2	32	8050808		05/07/08 20:39
Methylene Chloride		50.8		ug/L	50.0	102%	76 - 135	3	18	8050808		05/07/08 20:39
4-Methyl-2-pentanone		297		ug/L	250	119%	67 - 143	2	31	8050808		05/07/08 20:39
Naphthalene		50.5		ug/L	50.0	101%	62 - 141	1	39	8050808		05/07/08 20:39
n-Propylbenzene		53.6		ug/L	50.0	107%	80 - 132	3	17	8050808		05/07/08 20:39
Styrene		59.3		ug/L	50.0	119%	80 - 139	3	16	8050808		05/07/08 20:39
1,1,1,2-Tetrachloroethane		55.6		ug/L	50.0	111%	80 - 135	3	17	8050808		05/07/08 20:39
1,1,2,2-Tetrachloroethane		53.7		ug/L	50.0	107%	65 - 145	2	28	8050808		05/07/08 20:39
Tetrachloroethene		49.9		ug/L	50.0	100%	80 - 125	2	27	8050808		05/07/08 20:39
Toluene		49.6		ug/L	50.0	99%	80 - 125	2	19	8050808		05/07/08 20:39
1,2,3-Trichlorobenzene		43.2		ug/L	50.0	86%	57 - 144	0.5	31	8050808		05/07/08 20:39
1,2,4-Trichlorobenzene		48.4		ug/L	50.0	97%	60 - 140	2	26	8050808		05/07/08 20:39
1,1,2-Trichloroethane		51.9		ug/L	50.0	104%	80 - 122	0.1	21	8050808		05/07/08 20:39
1,1,1-Trichloroethane		52.8		ug/L	50.0	106%	80 - 131	10	16	8050808		05/07/08 20:39
Trichloroethene		51.1		ug/L	50.0	102%	80 - 131	3	28	8050808		05/07/08 20:39
Trichlorofluoromethane		45.0		ug/L	50.0	90%	68 - 125	0.6	20	8050808		05/07/08 20:39
1,2,3-Trichloropropane		48.5		ug/L	50.0	97%	60 - 127	3	26	8050808		05/07/08 20:39
1,3,5-Trimethylbenzene		54.8		ug/L	50.0	110%	80 - 129	2	16	8050808		05/07/08 20:39
1,2,4-Trimethylbenzene		55.1		ug/L	50.0	110%	80 - 128	2	22	8050808		05/07/08 20:39
Vinyl chloride		50.4		ug/L	50.0	101%	69 - 120	3	26	8050808		05/07/08 20:39
Xylenes, total		164		ug/L	150	110%	80 - 129	2	18	8050808		05/07/08 20:39
Surrogate: 1,2-Dichloroethane-d4		29.9		ug/L	30.0	100%	60 - 140			8050808		05/07/08 20:39
Surrogate: Dibromofluoromethane		30.8		ug/L	30.0	103%	75 - 124			8050808		05/07/08 20:39
Surrogate: Toluene-d8		30.4		ug/L	30.0	101%	78 - 121			8050808		05/07/08 20:39
Surrogate: 4-Bromofluorobenzene		30.6		ug/L	30.0	102%	79 - 124			8050808		05/07/08 20:39
8051031-BSD1												
Acetone		250		ug/L	250	100%	62 - 150	5	29	8051031		05/08/08 08:05
Benzene		49.5	MNR1	ug/L	50.0	99%	80 - 137	2	23	8051031		05/08/08 08:05
Bromobenzene		46.9	MNR1	ug/L	50.0	94%	74 - 131	1	18	8051031		05/08/08 08:05
Bromochloromethane		48.6	MNR1	ug/L	50.0	97%	80 - 128	2	18	8051031		05/08/08 08:05
Bromodichloromethane		51.8	MNR1	ug/L	50.0	104%	80 - 129	2	18	8051031		05/08/08 08:05
Bromoform		43.7	MNR1	ug/L	50.0	87%	69 - 127	2	24	8051031		05/08/08 08:05
Bromomethane		49.6	MNR1	ug/L	50.0	99%	62 - 148	0.02	45	8051031		05/08/08 08:05
2-Butanone		268	MNR1	ug/L	250	107%	77 - 141	0.2	36	8051031		05/08/08 08:05
sec-Butylbenzene		52.0	MNR1	ug/L	50.0	104%	78 - 133	0.2	17	8051031		05/08/08 08:05
n-Butylbenzene		45.6	MNR1	ug/L	50.0	91%	72 - 136	0.4	18	8051031		05/08/08 08:05
tert-Butylbenzene		51.5	MNR1	ug/L	50.0	103%	77 - 135	2	17	8051031		05/08/08 08:05
Carbon disulfide		49.4	MNR1	ug/L	50.0	99%	80 - 126	1	16	8051031		05/08/08 08:05

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8051031-BS01												
Carbon Tetrachloride		48.0	MNR1	ug/L	50.0	96%	76 - 143	9	29	8051031		05/08/08 08:05
Chlorobenzene		49.8	MNR1	ug/L	50.0	100%	80 - 120	1	27	8051031		05/08/08 08:05
Chlorodibromomethane		45.3	MNR1	ug/L	50.0	91%	76 - 123	2	21	8051031		05/08/08 08:05
Chloroethane		55.2	MNR1	ug/L	50.0	110%	77 - 127	3	32	8051031		05/08/08 08:05
Chloroform		50.4	MNR1	ug/L	50.0	101%	80 - 133	1	28	8051031		05/08/08 08:05
Chloromethane		46.7	MNR1	ug/L	50.0	93%	33 - 125	1	21	8051031		05/08/08 08:05
2-Chlorotoluene		49.6	MNR1	ug/L	50.0	99%	80 - 127	0.8	16	8051031		05/08/08 08:05
4-Chlorotoluene		50.4	MNR1	ug/L	50.0	101%	80 - 127	1	17	8051031		05/08/08 08:05
1,2-Dibromo-3-chloropropane		46.9	MNR1	ug/L	50.0	94%	60 - 136	4	29	8051031		05/08/08 08:05
1,2-Dibromoethane (EDB)		50.8	MNR1	ug/L	50.0	102%	80 - 125	2	21	8051031		05/08/08 08:05
Dibromomethane		50.6	MNR1	ug/L	50.0	101%	80 - 124	3	20	8051031		05/08/08 08:05
1,4-Dichlorobenzene		47.0	MNR1	ug/L	50.0	94%	80 - 120	3	19	8051031		05/08/08 08:05
1,3-Dichlorobenzene		49.2	MNR1	ug/L	50.0	98%	80 - 123	1	18	8051031		05/08/08 08:05
1,2-Dichlorobenzene		50.0	MNR1	ug/L	50.0	100%	80 - 122	3	23	8051031		05/08/08 08:05
Dichlorodifluoromethane		51.9	MNR1	ug/L	50.0	104%	36 - 120	0.5	14	8051031		05/08/08 08:05
1,1-Dichloroethane		50.3	MNR1	ug/L	50.0	101%	76 - 130	0.5	15	8051031		05/08/08 08:05
1,2-Dichloroethane		47.8	MNR1	ug/L	50.0	96%	69 - 136	2	26	8051031		05/08/08 08:05
cis-1,2-Dichloroethene		50.3	MNR1	ug/L	50.0	101%	80 - 129	4	14	8051031		05/08/08 08:05
1,1-Dichloroethene		48.5	MNR1	ug/L	50.0	97%	80 - 127	3	26	8051031		05/08/08 08:05
trans-1,2-Dichloroethene		50.3	MNR1	ug/L	50.0	101%	80 - 131	1	14	8051031		05/08/08 08:05
1,3-Dichloropropane		49.4	MNR1	ug/L	50.0	99%	80 - 122	2	21	8051031		05/08/08 08:05
1,2-Dichloropropane		46.4	MNR1	ug/L	50.0	93%	80 - 120	3	16	8051031		05/08/08 08:05
2,2-Dichloropropane		39.3	MNR1	ug/L	50.0	79%	62 - 142	4	14	8051031		05/08/08 08:05
cis-1,3-Dichloropropene		50.4	MNR1	ug/L	50.0	101%	76 - 135	3	19	8051031		05/08/08 08:05
trans-1,3-Dichloropropene		50.7	MNR1	ug/L	50.0	101%	70 - 137	2	20	8051031		05/08/08 08:05
1,1-Dichloropropene		50.4	MNR1	ug/L	50.0	101%	80 - 127	1	14	8051031		05/08/08 08:05
Ethylbenzene		52.4	MNR1	ug/L	50.0	105%	80 - 128	1	17	8051031		05/08/08 08:05
Hexachlorobutadiene		51.4	MNR1	ug/L	50.0	103%	68 - 148	2	34	8051031		05/08/08 08:05
2-Hexanone		258	MNR1	ug/L	250	103%	69 - 148	3	34	8051031		05/08/08 08:05
Isopropylbenzene		47.0	MNR1	ug/L	50.0	94%	80 - 121	2	18	8051031		05/08/08 08:05
p-Isopropyltoluene		45.0	MNR1	ug/L	50.0	90%	79 - 127	0.3	17	8051031		05/08/08 08:05
Methyl tert-Butyl Ether		47.5	MNR1	ug/L	50.0	95%	70 - 129	0.8	32	8051031		05/08/08 08:05
Methylene Chloride		48.8	MNR1	ug/L	50.0	98%	76 - 135	1	18	8051031		05/08/08 08:05
4-Methyl-2-pentanone		264	MNR1	ug/L	250	106%	67 - 143	1	31	8051031		05/08/08 08:05
Naphthalene		47.0	MNR1	ug/L	50.0	94%	62 - 141	3	39	8051031		05/08/08 08:05
n-Propylbenzene		50.1	MNR1	ug/L	50.0	100%	80 - 132	0.6	17	8051031		05/08/08 08:05
Styrene		56.2	MNR1	ug/L	50.0	112%	80 - 139	3	16	8051031		05/08/08 08:05
1,1,1,2-Tetrachloroethane		53.1	MNR1	ug/L	50.0	106%	80 - 135	5	17	8051031		05/08/08 08:05
1,1,2,2-Tetrachloroethane		51.9	MNR1	ug/L	50.0	104%	65 - 145	4	28	8051031		05/08/08 08:05
Tetrachloroethene		47.4	MNR1	ug/L	50.0	95%	80 - 125	3	27	8051031		05/08/08 08:05
Toluene		47.8	MNR1	ug/L	50.0	96%	80 - 125	2	19	8051031		05/08/08 08:05

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

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												
8051031-BSD1												
1,2,3-Trichlorobenzene		44.0	MNR1	ug/L	50.0	88%	57 - 144	6	31	8051031		05/08/08 08:05
1,2,4-Trichlorobenzene		45.4	MNR1	ug/L	50.0	91%	60 - 140	1	26	8051031		05/08/08 08:05
1,1,2-Trichloroethane		49.9	MNR1	ug/L	50.0	100%	80 - 122	3	21	8051031		05/08/08 08:05
1,1,1-Trichloroethane		47.6	MNR1	ug/L	50.0	95%	80 - 131	8	16	8051031		05/08/08 08:05
Trichloroethene		49.2	MNR1	ug/L	50.0	98%	80 - 131	3	28	8051031		05/08/08 08:05
Trichlorofluoromethane		43.7	MNR1	ug/L	50.0	87%	68 - 125	3	20	8051031		05/08/08 08:05
1,2,3-Trichloropropane		43.0	MNR1	ug/L	50.0	86%	60 - 127	2	26	8051031		05/08/08 08:05
1,3,5-Trimethylbenzene		51.7	MNR1	ug/L	50.0	103%	80 - 129	0.7	16	8051031		05/08/08 08:05
1,2,4-Trimethylbenzene		51.7	MNR1	ug/L	50.0	103%	80 - 128	1	22	8051031		05/08/08 08:05
Vinyl chloride		48.6	MNR1	ug/L	50.0	97%	69 - 120	0.08	26	8051031		05/08/08 08:05
o-Xylene		52.2	MNR1	ug/L	50.0	104%	80 - 130	2	18	8051031		05/08/08 08:05
m,p-Xylene		105	MNR1	ug/L	100	105%	80 - 130	2	18	8051031		05/08/08 08:05
Xylenes, total		158		ug/L	150	105%	80 - 129	2	18	8051031		05/08/08 08:05
Surrogate: 1,2-Dichloroethane-d4		29.4		ug/L	30.0	98%	60 - 140			8051031		05/08/08 08:05
Surrogate: Dibromofluoromethane		31.0		ug/L	30.0	103%	75 - 124			8051031		05/08/08 08:05
Surrogate: Toluene-d8		30.7		ug/L	30.0	102%	78 - 121			8051031		05/08/08 08:05
Surrogate: 4-Bromofluorobenzene		30.2		ug/L	30.0	100%	79 - 124			8051031		05/08/08 08:05

Client MACTEC Engineering & Consulting, Inc. (4997)
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Received: 05/06/08 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										
8050808-MS1										
Acetone	ND	261		ug/L	250	104%	55 - 148	8050808	NRE0431-14	05/08/08 05:36
Benzene	ND	56.2		ug/L	50.0	112%	68 - 143	8050808	NRE0431-14	05/08/08 05:36
Bromobenzene	ND	50.4		ug/L	50.0	101%	65 - 140	8050808	NRE0431-14	05/08/08 05:36
Bromochloromethane	ND	58.0		ug/L	50.0	116%	80 - 137	8050808	NRE0431-14	05/08/08 05:36
Bromodichloromethane	ND	57.7		ug/L	50.0	115%	80 - 132	8050808	NRE0431-14	05/08/08 05:36
Bromoform	ND	45.8		ug/L	50.0	92%	67 - 123	8050808	NRE0431-14	05/08/08 05:36
Bromomethane	ND	46.6		ug/L	50.0	93%	39 - 166	8050808	NRE0431-14	05/08/08 05:36
2-Butanone	ND	289		ug/L	250	116%	50 - 154	8050808	NRE0431-14	05/08/08 05:36
sec-Butylbenzene	ND	60.4		ug/L	50.0	121%	73 - 142	8050808	NRE0431-14	05/08/08 05:36
n-Butylbenzene	ND	53.2		ug/L	50.0	106%	64 - 147	8050808	NRE0431-14	05/08/08 05:36
tert-Butylbenzene	ND	59.0		ug/L	50.0	118%	70 - 148	8050808	NRE0431-14	05/08/08 05:36
Carbon disulfide	ND	56.7		ug/L	50.0	113%	79 - 147	8050808	NRE0431-14	05/08/08 05:36
Carbon Tetrachloride	ND	59.3		ug/L	50.0	119%	62 - 165	8050808	NRE0431-14	05/08/08 05:36
Chlorobenzene	ND	53.8		ug/L	50.0	108%	67 - 140	8050808	NRE0431-14	05/08/08 05:36
Chlorodibromomethane	ND	48.7		ug/L	50.0	97%	72 - 123	8050808	NRE0431-14	05/08/08 05:36
Chloroethane	ND	65.9		ug/L	50.0	132%	74 - 151	8050808	NRE0431-14	05/08/08 05:36
Chloroform	ND	55.6		ug/L	50.0	111%	59 - 152	8050808	NRE0431-14	05/08/08 05:36
Chloromethane	ND	53.4		ug/L	50.0	107%	33 - 138	8050808	NRE0431-14	05/08/08 05:36
2-Chlorotoluene	ND	54.8		ug/L	50.0	110%	76 - 134	8050808	NRE0431-14	05/08/08 05:36
4-Chlorotoluene	ND	56.1		ug/L	50.0	112%	80 - 133	8050808	NRE0431-14	05/08/08 05:36
1,2-Dibromo-3-chloropropane	ND	49.9		ug/L	50.0	100%	60 - 136	8050808	NRE0431-14	05/08/08 05:36
1,2-Dibromoethane (EDB)	ND	53.2		ug/L	50.0	106%	80 - 132	8050808	NRE0431-14	05/08/08 05:36
Dibromomethane	ND	56.0		ug/L	50.0	112%	79 - 131	8050808	NRE0431-14	05/08/08 05:36
1,4-Dichlorobenzene	ND	52.6		ug/L	50.0	105%	80 - 126	8050808	NRE0431-14	05/08/08 05:36
1,3-Dichlorobenzene	ND	55.6		ug/L	50.0	111%	75 - 132	8050808	NRE0431-14	05/08/08 05:36
1,2-Dichlorobenzene	ND	55.2		ug/L	50.0	110%	80 - 130	8050808	NRE0431-14	05/08/08 05:36
Dichlorodifluoromethane	ND	53.1		ug/L	50.0	106%	36 - 146	8050808	NRE0431-14	05/08/08 05:36
1,1-Dichloroethane	ND	56.7		ug/L	50.0	113%	76 - 131	8050808	NRE0431-14	05/08/08 05:36
1,2-Dichloroethane	ND	53.2		ug/L	50.0	106%	53 - 146	8050808	NRE0431-14	05/08/08 05:36
cis-1,2-Dichloroethene	0.460	53.1		ug/L	50.0	105%	76 - 141	8050808	NRE0431-14	05/08/08 05:36
1,1-Dichloroethene	ND	57.2		ug/L	50.0	114%	63 - 157	8050808	NRE0431-14	05/08/08 05:36
trans-1,2-Dichloroethene	ND	56.7		ug/L	50.0	113%	78 - 137	8050808	NRE0431-14	05/08/08 05:36
1,3-Dichloropropane	ND	52.2		ug/L	50.0	104%	76 - 130	8050808	NRE0431-14	05/08/08 05:36
1,2-Dichloropropane	ND	55.4		ug/L	50.0	111%	77 - 128	8050808	NRE0431-14	05/08/08 05:36
2,2-Dichloropropane	ND	46.2		ug/L	50.0	92%	62 - 145	8050808	NRE0431-14	05/08/08 05:36
cis-1,3-Dichloropropene	ND	52.9		ug/L	50.0	106%	71 - 140	8050808	NRE0431-14	05/08/08 05:36
trans-1,3-Dichloropropene	ND	54.8		ug/L	50.0	110%	65 - 137	8050808	NRE0431-14	05/08/08 05:36

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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										
8050808-MS1										
1,1-Dichloropropene	ND	58.4		ug/L	50.0	117%	80 - 136	8050808	NRE0431-14	05/08/08 05:36
Ethylbenzene	ND	56.9		ug/L	50.0	114%	80 - 135	8050808	NRE0431-14	05/08/08 05:36
Hexachlorobutadiene	ND	54.9		ug/L	50.0	110%	48 - 155	8050808	NRE0431-14	05/08/08 05:36
2-Hexanone	ND	284		ug/L	250	114%	58 - 154	8050808	NRE0431-14	05/08/08 05:36
Isopropylbenzene	ND	60.4		ug/L	50.0	121%	80 - 135	8050808	NRE0431-14	05/08/08 05:36
p-Isopropyltoluene	ND	52.8		ug/L	50.0	106%	74 - 139	8050808	NRE0431-14	05/08/08 05:36
Methyl tert-Butyl Ether	ND	52.8		ug/L	50.0	106%	60 - 144	8050808	NRE0431-14	05/08/08 05:36
Methylene Chloride	ND	50.9		ug/L	50.0	102%	64 - 140	8050808	NRE0431-14	05/08/08 05:36
4-Methyl-2-pentanone	ND	286		ug/L	250	114%	55 - 153	8050808	NRE0431-14	05/08/08 05:36
Naphthalene	ND	46.6		ug/L	50.0	93%	50 - 154	8050808	NRE0431-14	05/08/08 05:36
n-Propylbenzene	ND	57.5		ug/L	50.0	115%	78 - 141	8050808	NRE0431-14	05/08/08 05:36
Styrene	ND	58.0		ug/L	50.0	116%	80 - 139	8050808	NRE0431-14	05/08/08 05:36
1,1,1,2-Tetrachloroethane	ND	59.0		ug/L	50.0	118%	75 - 140	8050808	NRE0431-14	05/08/08 05:36
1,1,2,2-Tetrachloroethane	ND	55.2		ug/L	50.0	110%	55 - 152	8050808	NRE0431-14	05/08/08 05:36
Tetrachloroethene	ND	54.0		ug/L	50.0	108%	67 - 150	8050808	NRE0431-14	05/08/08 05:36
Toluene	ND	51.8		ug/L	50.0	104%	75 - 139	8050808	NRE0431-14	05/08/08 05:36
1,2,3-Trichlorobenzene	ND	44.5		ug/L	50.0	89%	49 - 144	8050808	NRE0431-14	05/08/08 05:36
1,2,4-Trichlorobenzene	ND	49.0		ug/L	50.0	98%	55 - 135	8050808	NRE0431-14	05/08/08 05:36
1,1,2-Trichloroethane	ND	52.8		ug/L	50.0	106%	77 - 128	8050808	NRE0431-14	05/08/08 05:36
1,1,1-Trichloroethane	ND	55.6		ug/L	50.0	111%	80 - 136	8050808	NRE0431-14	05/08/08 05:36
Trichloroethene	3.57	59.0		ug/L	50.0	111%	57 - 158	8050808	NRE0431-14	05/08/08 05:36
Trichlorofluoromethane	ND	57.9		ug/L	50.0	116%	68 - 145	8050808	NRE0431-14	05/08/08 05:36
1,2,3-Trichloropropane	ND	50.8		ug/L	50.0	102%	55 - 137	8050808	NRE0431-14	05/08/08 05:36
1,3,5-Trimethylbenzene	ND	58.4		ug/L	50.0	117%	78 - 136	8050808	NRE0431-14	05/08/08 05:36
1,2,4-Trimethylbenzene	ND	57.4		ug/L	50.0	115%	70 - 143	8050808	NRE0431-14	05/08/08 05:36
Vinyl chloride	ND	54.8		ug/L	50.0	110%	49 - 156	8050808	NRE0431-14	05/08/08 05:36
Xylenes, total	ND	173		ug/L	150	116%	80 - 136	8050808	NRE0431-14	05/08/08 05:36
Surrogate: 1,2-Dichloroethane-d4		30.4		ug/L	30.0	101%	60 - 140	8050808	NRE0431-14	05/08/08 05:36
Surrogate: Dibromofluoromethane		31.6		ug/L	30.0	106%	75 - 124	8050808	NRE0431-14	05/08/08 05:36
Surrogate: Toluene-d8		30.2		ug/L	30.0	101%	78 - 121	8050808	NRE0431-14	05/08/08 05:36
Surrogate: 4-Bromofluorobenzene		29.1		ug/L	30.0	97%	79 - 124	8050808	NRE0431-14	05/08/08 05:36

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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												
8050808-MSD1												
Acetone	ND	241		ug/L	250	96%	55 - 148	8	29	8050808	NRE0431-14	05/08/08 06:01
Benzene	ND	54.2		ug/L	50.0	108%	68 - 143	4	23	8050808	NRE0431-14	05/08/08 06:01
Bromobenzene	ND	50.6		ug/L	50.0	101%	65 - 140	0.4	18	8050808	NRE0431-14	05/08/08 06:01
Bromochloromethane	ND	56.8		ug/L	50.0	114%	80 - 137	2	18	8050808	NRE0431-14	05/08/08 06:01
Bromodichloromethane	ND	56.8		ug/L	50.0	114%	80 - 132	2	18	8050808	NRE0431-14	05/08/08 06:01
Bromoform	ND	45.1		ug/L	50.0	90%	67 - 123	2	24	8050808	NRE0431-14	05/08/08 06:01
Bromomethane	ND	48.0		ug/L	50.0	96%	39 - 166	3	45	8050808	NRE0431-14	05/08/08 06:01
2-Butanone	ND	287		ug/L	250	115%	50 - 154	0.6	36	8050808	NRE0431-14	05/08/08 06:01
sec-Butylbenzene	ND	58.8		ug/L	50.0	118%	73 - 142	3	17	8050808	NRE0431-14	05/08/08 06:01
n-Butylbenzene	ND	51.8		ug/L	50.0	104%	64 - 147	3	18	8050808	NRE0431-14	05/08/08 06:01
tert-Butylbenzene	ND	58.7		ug/L	50.0	117%	70 - 148	0.5	17	8050808	NRE0431-14	05/08/08 06:01
Carbon disulfide	ND	54.8		ug/L	50.0	110%	79 - 147	3	16	8050808	NRE0431-14	05/08/08 06:01
Carbon Tetrachloride	ND	58.4		ug/L	50.0	117%	62 - 165	2	29	8050808	NRE0431-14	05/08/08 06:01
Chlorobenzene	ND	53.2		ug/L	50.0	106%	67 - 140	1	27	8050808	NRE0431-14	05/08/08 06:01
Chlorodibromomethane	ND	47.8		ug/L	50.0	96%	72 - 123	2	21	8050808	NRE0431-14	05/08/08 06:01
Chloroethane	ND	62.8		ug/L	50.0	126%	74 - 151	5	32	8050808	NRE0431-14	05/08/08 06:01
Chloroform	ND	54.4		ug/L	50.0	109%	59 - 152	2	28	8050808	NRE0431-14	05/08/08 06:01
Chloromethane	ND	50.7		ug/L	50.0	101%	33 - 138	5	21	8050808	NRE0431-14	05/08/08 06:01
2-Chlorotoluene	ND	54.1		ug/L	50.0	108%	76 - 134	1	16	8050808	NRE0431-14	05/08/08 06:01
4-Chlorotoluene	ND	55.4		ug/L	50.0	111%	80 - 133	1	17	8050808	NRE0431-14	05/08/08 06:01
1,2-Dibromo-3-chloropropane	ND	48.7		ug/L	50.0	97%	60 - 136	3	29	8050808	NRE0431-14	05/08/08 06:01
1,2-Dibromoethane (EDB)	ND	52.1		ug/L	50.0	104%	80 - 132	2	21	8050808	NRE0431-14	05/08/08 06:01
Dibromomethane	ND	54.1		ug/L	50.0	108%	79 - 131	4	20	8050808	NRE0431-14	05/08/08 06:01
1,4-Dichlorobenzene	ND	51.7		ug/L	50.0	103%	80 - 126	2	19	8050808	NRE0431-14	05/08/08 06:01
1,3-Dichlorobenzene	ND	53.8		ug/L	50.0	108%	75 - 132	3	18	8050808	NRE0431-14	05/08/08 06:01
1,2-Dichlorobenzene	ND	54.1		ug/L	50.0	108%	80 - 130	2	23	8050808	NRE0431-14	05/08/08 06:01
Dichlorodifluoromethane	ND	51.3		ug/L	50.0	103%	36 - 146	4	14	8050808	NRE0431-14	05/08/08 06:01
1,1-Dichloroethane	ND	54.6		ug/L	50.0	109%	76 - 131	4	15	8050808	NRE0431-14	05/08/08 06:01
1,2-Dichloroethane	ND	52.4		ug/L	50.0	105%	53 - 146	1	26	8050808	NRE0431-14	05/08/08 06:01
cis-1,2-Dichloroethene	0.460	51.2		ug/L	50.0	102%	76 - 141	4	14	8050808	NRE0431-14	05/08/08 06:01
1,1-Dichloroethene	ND	55.7		ug/L	50.0	111%	63 - 157	3	26	8050808	NRE0431-14	05/08/08 06:01
trans-1,2-Dichloroethene	ND	55.9		ug/L	50.0	112%	78 - 137	1	14	8050808	NRE0431-14	05/08/08 06:01
1,3-Dichloropropane	ND	52.2		ug/L	50.0	104%	76 - 130	0.08	21	8050808	NRE0431-14	05/08/08 06:01
1,2-Dichloropropane	ND	53.9		ug/L	50.0	108%	77 - 128	3	16	8050808	NRE0431-14	05/08/08 06:01
2,2-Dichloropropane	ND	44.7		ug/L	50.0	89%	62 - 145	3	14	8050808	NRE0431-14	05/08/08 06:01
cis-1,3-Dichloropropene	ND	53.1		ug/L	50.0	106%	71 - 140	0.5	19	8050808	NRE0431-14	05/08/08 06:01
trans-1,3-Dichloropropene	ND	53.6		ug/L	50.0	107%	65 - 137	2	20	8050808	NRE0431-14	05/08/08 06:01
1,1-Dichloropropene	ND	57.5		ug/L	50.0	115%	80 - 136	2	14	8050808	NRE0431-14	05/08/08 06:01
Ethylbenzene	ND	56.2		ug/L	50.0	112%	80 - 135	1	17	8050808	NRE0431-14	05/08/08 06:01
Hexachlorobutadiene	ND	55.0		ug/L	50.0	110%	48 - 155	0.2	34	8050808	NRE0431-14	05/08/08 06:01
2-Hexanone	ND	283		ug/L	250	113%	58 - 154	0.3	34	8050808	NRE0431-14	05/08/08 06:01

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 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												
8050808-MSD1												
Isopropylbenzene	ND	59.3		ug/L	50.0	119%	80 - 135	2	18	8050808	NRE0431-14	05/08/08 06:01
p-Isopropyltoluene	ND	51.5		ug/L	50.0	103%	74 - 139	2	17	8050808	NRE0431-14	05/08/08 06:01
Methyl tert-Butyl Ether	ND	52.5		ug/L	50.0	105%	60 - 144	0.6	32	8050808	NRE0431-14	05/08/08 06:01
Methylene Chloride	ND	49.5		ug/L	50.0	99%	64 - 140	3	18	8050808	NRE0431-14	05/08/08 06:01
4-Methyl-2-pentanone	ND	282		ug/L	250	113%	55 - 153	1	31	8050808	NRE0431-14	05/08/08 06:01
Naphthalene	ND	49.3		ug/L	50.0	99%	50 - 154	6	39	8050808	NRE0431-14	05/08/08 06:01
n-Propylbenzene	ND	56.7		ug/L	50.0	113%	78 - 141	1	17	8050808	NRE0431-14	05/08/08 06:01
Styrene	ND	57.8		ug/L	50.0	116%	80 - 139	0.4	16	8050808	NRE0431-14	05/08/08 06:01
1,1,1,2-Tetrachloroethane	ND	56.8		ug/L	50.0	114%	75 - 140	4	17	8050808	NRE0431-14	05/08/08 06:01
1,1,2,2-Tetrachloroethane	ND	56.3		ug/L	50.0	113%	55 - 152	2	28	8050808	NRE0431-14	05/08/08 06:01
Tetrachloroethene	ND	53.1		ug/L	50.0	106%	67 - 150	2	27	8050808	NRE0431-14	05/08/08 06:01
Toluene	ND	51.3		ug/L	50.0	103%	75 - 139	0.9	19	8050808	NRE0431-14	05/08/08 06:01
1,2,3-Trichlorobenzene	ND	43.3		ug/L	50.0	87%	49 - 144	3	31	8050808	NRE0431-14	05/08/08 06:01
1,2,4-Trichlorobenzene	ND	48.2		ug/L	50.0	96%	55 - 135	2	26	8050808	NRE0431-14	05/08/08 06:01
1,1,2-Trichloroethane	ND	52.1		ug/L	50.0	104%	77 - 128	1	21	8050808	NRE0431-14	05/08/08 06:01
1,1,1-Trichloroethane	ND	54.1		ug/L	50.0	108%	80 - 136	3	16	8050808	NRE0431-14	05/08/08 06:01
Trichloroethene	3.57	58.4		ug/L	50.0	110%	57 - 158	1	28	8050808	NRE0431-14	05/08/08 06:01
Trichlorofluoromethane	ND	56.5		ug/L	50.0	113%	68 - 145	2	20	8050808	NRE0431-14	05/08/08 06:01
1,2,3-Trichloropropane	ND	50.8		ug/L	50.0	102%	55 - 137	0.06	26	8050808	NRE0431-14	05/08/08 06:01
1,3,5-Trimethylbenzene	ND	57.3		ug/L	50.0	115%	78 - 136	2	16	8050808	NRE0431-14	05/08/08 06:01
1,2,4-Trimethylbenzene	ND	57.0		ug/L	50.0	114%	70 - 143	0.6	22	8050808	NRE0431-14	05/08/08 06:01
Vinyl chloride	ND	53.2		ug/L	50.0	106%	49 - 156	3	26	8050808	NRE0431-14	05/08/08 06:01
Xylenes, total	ND	170		ug/L	150	113%	80 - 136	2	18	8050808	NRE0431-14	05/08/08 06:01
Surrogate: 1,2-Dichloroethane-d4		30.2		ug/L	30.0	101%	60 - 140			8050808	NRE0431-14	05/08/08 06:01
Surrogate: Dibromofluoromethane		30.9		ug/L	30.0	103%	75 - 124			8050808	NRE0431-14	05/08/08 06:01
Surrogate: Toluene-d8		30.0		ug/L	30.0	100%	78 - 121			8050808	NRE0431-14	05/08/08 06:01
Surrogate: 4-Bromofluorobenzene		30.3		ug/L	30.0	101%	79 - 124			8050808	NRE0431-14	05/08/08 06:01

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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

Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

NELAC CERTIFICATION SUMMARY

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

Method

Matrix

Analyte

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

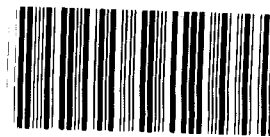
Work Order: NRE0431
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 05/06/08 08:00

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT FORM



Cooler Received/Opened On: 5/6/08 @ 8:00

RE0431

1. Tracking # 0169 (last 4 digits, FedEx)

Fed-Ex IR Gun ID: 92171982

2. Temperature of rep. sample or temp blank when opened: 3.2 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 (initial) [Signature]

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 # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

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 (initial) [Signature]

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 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

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

THE 1940S IN AMERICAN LITERATURE

NRE0431

05/20/08 23 59

Page of

PO #: Must

ting, Inc. (4997)

Report to: Joe Deatherage

New York

1

NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

BO # 10139

Date:	Time:

[illegible]

Date Due of Report:

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

Sample Name (Print): Joe Deatherage

Sample Signature: Joe Deatherage

TA Account #: 63036

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

Report to: Joe Deatherage

Project Name: Former Taylor Instruments

Facility ID: [none]

Site Address:

City, State, Zip:

Regulatory District (CA):

New York

Page 1 of 1

PO #: Must have Take/valid

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8260B Volatile Organics	Carbon Dioxide SM 4500COC2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B	Analyze for	RUSH TAT (Pre Schedule)
BR-03	5-30-08	1105	3						X						X						X						431.11
BR-17	190		3						X						X						X						
BR-11	1620		3						X						X						X						
OB-07	1715		3						X						X						X						
OB-07 (MSD)	1730		3						X						X						X						
OB-06	1725		3						X						X						X						
BR-09	1825		3						X						X						X						
BR-09	5-4-08	0915	3						X						X						X						
TW-17	1010		3						X						X						X						
BR-10	1052		3						X						X						X						

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.

Relinquished by: [Signature]
Date: 5-5-08 Time: 17:00

Shipped Via: [Signature]
Date: 5-5-08 Time: 0800

Received for TestAmerica by: [Signature]
Date: 5-5-08 Time: 0800

Temperature Upon Receipt: 32°

Sample Containers Intact? Y N

VOCs Free of Headpace? 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: [Signature]

Notes/Special Instructions: BO # 10139

Matrix Spike duplicate

November 14, 2008 4:59:01PM

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: 200820526
Date Received: 11/07/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
OB-05	NRK0516-01	11/06/08 08:57
BR-15	NRK0516-02	11/06/08 08:58
BR-04	NRK0516-03	11/06/08 10:07
BR-05 (MS/MSD)	NRK0516-04	11/06/08 10:18
OB-08	NRK0516-05	11/06/08 11:37
W-5	NRK0516-06	11/06/08 11:53
W-5 (Dup)	NRK0516-07	11/06/08 11:55
OB-04	NRK0516-08	11/06/08 13:40
TW-09	NRK0516-09	11/06/08 13:35
QATB02	NRK0516-10	11/06/08 14:15
QAFB02	NRK0516-11	11/06/08 14:20
QARB02	NRK0516-12	11/06/08 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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The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

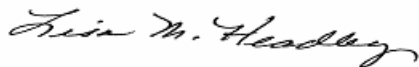
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Lisa Headley

Senior Project Manager

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-01 (OB-05 - Ground Water) Sampled: 11/06/08 08:57								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 23:34	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 23:34	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
cis-1,2-Dichloroethene	2.54		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 23:34	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-01 (OB-05 - Ground Water) - cont. Sampled: 11/06/08 08:57								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 23:34	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 23:34	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 23:34	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Trichloroethene	257		ug/L	5.00	5	11/10/08 00:02	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 23:34	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 23:34	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>11/09/08 23:34</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>11/10/08 00:02</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>11/09/08 23:34</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 00:02</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>108 %</i>					<i>11/09/08 23:34</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>108 %</i>					<i>11/10/08 00:02</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/09/08 23:34</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/10/08 00:02</i>	<i>SW846 8260B</i>	<i>8111178</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-02 (BR-15 - Ground Water) Sampled: 11/06/08 08:58								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 18:19	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 18:19	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
cis-1,2-Dichloroethene	4.04		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 18:19	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-02 (BR-15 - Ground Water) - cont. Sampled: 11/06/08 08:58								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 18:19	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 18:19	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 18:19	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Trichloroethene	4.08		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 18:19	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 18:19	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>11/09/08 18:19</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>11/09/08 18:19</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/09/08 18:19</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/09/08 18:19</i>	<i>SW846 8260B</i>	<i>8111178</i>

Sample ID: NRK0516-03 (BR-04 - Ground Water) Sampled: 11/06/08 10:07

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/10/08 00:31	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/10/08 00:31	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-03 (BR-04 - Ground Water) - cont. Sampled: 11/06/08 10:07								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
cis-1,2-Dichloroethene	490		ug/L	10.0	10	11/10/08 01:00	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
trans-1,2-Dichloroethene	8.51		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/10/08 00:31	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/10/08 00:31	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/10/08 00:31	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/10/08 00:31	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Trichloroethene	7.04		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-03 (BR-04 - Ground Water) - cont. Sampled: 11/06/08 10:07								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Vinyl chloride	3.28		ug/L	1.00	1	11/10/08 00:31	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/10/08 00:31	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>11/10/08 00:31</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>11/10/08 01:00</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 00:31</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>11/10/08 01:00</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/10/08 00:31</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>108 %</i>					<i>11/10/08 01:00</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/10/08 00:31</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/10/08 01:00</i>	<i>SW846 8260B</i>	<i>8111178</i>
Sample ID: NRK0516-04 (BR-05 (MS/MSD) - Ground Water) Sampled: 11/06/08 10:18								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 18:48	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 18:48	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-04 (BR-05 (MS/MSD) - Ground Water) - cont. Sampled: 11/06/08 10:18								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
cis-1,2-Dichloroethene	16.3		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
trans-1,2-Dichloroethene	1.02		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 18:48	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 18:48	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 18:48	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 18:48	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Trichloroethene	15.1		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 18:48	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 18:48	SW846 8260B	8111178
Surr: 1,2-Dichloroethane-d4 (60-140%)	106 %					11/09/08 18:48	SW846 8260B	8111178
Surr: Dibromofluoromethane (75-124%)	103 %					11/09/08 18:48	SW846 8260B	8111178
Surr: Toluene-d8 (78-121%)	109 %					11/09/08 18:48	SW846 8260B	8111178
Surr: 4-Bromofluorobenzene (79-124%)	105 %					11/09/08 18:48	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-05 (OB-08 - Ground Water) Sampled: 11/06/08 11:37								
General Chemistry Parameters								
Carbon Dioxide	49.8	HTI	mg/L	5.00	1	11/07/08 11:09	SM 4500CO2 C	8110965
Total Organic Carbon	14.6		mg/L	1.00	1	11/10/08 06:28	SM5310 B	8111260
Methane, Ethane, and Ethene by GC								
Ethene	410		ug/L	26.0	1	11/14/08 10:52	RSK 175	8111093
Methane	7020		ug/L	130	5	11/14/08 11:47	RSK 175	8111093
Surr: Acetylene (74-120%)	88 %					11/14/08 11:47	RSK 175	8111093
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 19:16	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 19:16	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
cis-1,2-Dichloroethene	53.9		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
trans-1,2-Dichloroethene	14.8		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-05 (OB-08 - Ground Water) - cont. Sampled: 11/06/08 11:37								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 19:16	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 19:16	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 19:16	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 19:16	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Trichloroethene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Vinyl chloride	68.9		ug/L	1.00	1	11/09/08 19:16	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 19:16	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>11/09/08 19:16</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 19:16</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/09/08 19:16</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>104 %</i>					<i>11/09/08 19:16</i>	<i>SW846 8260B</i>	<i>8111178</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-06 (W-5 - Ground Water) Sampled: 11/06/08 11:53								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/10/08 05:45	SW846 8260B	8111184
Benzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Bromobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Bromochloromethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Bromodichloromethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Bromoform	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Bromomethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
2-Butanone	ND		ug/L	50.0	1	11/10/08 05:45	SW846 8260B	8111184
sec-Butylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
n-Butylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
tert-Butylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Carbon disulfide	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Carbon Tetrachloride	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Chlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Chlorodibromomethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Chloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Chloroform	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Chloromethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
2-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
4-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Dibromomethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1-Dichloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2-Dichloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
cis-1,2-Dichloroethene	143		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1-Dichloroethene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
trans-1,2-Dichloroethene	3.28		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,3-Dichloropropane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
2,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1-Dichloropropene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Ethylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Hexachlorobutadiene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
2-Hexanone	ND		ug/L	50.0	1	11/10/08 05:45	SW846 8260B	8111184
Isopropylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
p-Isopropyltoluene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-06 (W-5 - Ground Water) - cont. Sampled: 11/06/08 11:53								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Methylene Chloride	ND		ug/L	5.00	1	11/10/08 05:45	SW846 8260B	8111184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/10/08 05:45	SW846 8260B	8111184
Naphthalene	ND		ug/L	5.00	1	11/10/08 05:45	SW846 8260B	8111184
n-Propylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Styrene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Tetrachloroethene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Toluene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Trichloroethene	687		ug/L	10.0	10	11/10/08 06:14	SW846 8260B	8111184
Trichlorofluoromethane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Vinyl chloride	8.86		ug/L	1.00	1	11/10/08 05:45	SW846 8260B	8111184
Xylenes, total	ND		ug/L	3.00	1	11/10/08 05:45	SW846 8260B	8111184
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>11/10/08 05:45</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>106 %</i>					<i>11/10/08 06:14</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 05:45</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 06:14</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>106 %</i>					<i>11/10/08 05:45</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>107 %</i>					<i>11/10/08 06:14</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/10/08 05:45</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/10/08 06:14</i>	<i>SW846 8260B</i>	<i>8111184</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-07 (W-5 (Dup) - Ground Water) Sampled: 11/06/08 11:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/10/08 06:43	SW846 8260B	8111184
Benzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Bromobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Bromochloromethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Bromodichloromethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Bromoform	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Bromomethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
2-Butanone	ND		ug/L	50.0	1	11/10/08 06:43	SW846 8260B	8111184
sec-Butylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
n-Butylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
tert-Butylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Carbon disulfide	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Carbon Tetrachloride	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Chlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Chlorodibromomethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Chloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Chloroform	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Chloromethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
2-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
4-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Dibromomethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1-Dichloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2-Dichloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
cis-1,2-Dichloroethene	126		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1-Dichloroethene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
trans-1,2-Dichloroethene	2.88		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,3-Dichloropropane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
2,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1-Dichloropropene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Ethylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Hexachlorobutadiene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
2-Hexanone	ND		ug/L	50.0	1	11/10/08 06:43	SW846 8260B	8111184
Isopropylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
p-Isopropyltoluene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
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Work Order: NRK0516
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Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-07 (W-5 (Dup) - Ground Water) - cont. Sampled: 11/06/08 11:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Methylene Chloride	ND		ug/L	5.00	1	11/10/08 06:43	SW846 8260B	8111184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/10/08 06:43	SW846 8260B	8111184
Naphthalene	ND		ug/L	5.00	1	11/10/08 06:43	SW846 8260B	8111184
n-Propylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Styrene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Tetrachloroethene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Toluene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Trichloroethene	703		ug/L	10.0	10	11/10/08 07:11	SW846 8260B	8111184
Trichlorofluoromethane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Vinyl chloride	8.85		ug/L	1.00	1	11/10/08 06:43	SW846 8260B	8111184
Xylenes, total	ND		ug/L	3.00	1	11/10/08 06:43	SW846 8260B	8111184
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>104 %</i>					<i>11/10/08 06:43</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>105 %</i>					<i>11/10/08 07:11</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 06:43</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/10/08 07:11</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>107 %</i>					<i>11/10/08 06:43</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>107 %</i>					<i>11/10/08 07:11</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/10/08 06:43</i>	<i>SW846 8260B</i>	<i>8111184</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/10/08 07:11</i>	<i>SW846 8260B</i>	<i>8111184</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-08 (OB-04 - Ground Water) Sampled: 11/06/08 13:40								
General Chemistry Parameters								
Carbon Dioxide	157	HTI	mg/L	5.00	1	11/07/08 11:09	SM 4500CO2 C	8110965
Total Organic Carbon	86.1		mg/L	1.00	1	11/10/08 06:28	SM5310 B	8111260
Methane, Ethane, and Ethene by GC								
Ethene	117		ug/L	26.0	1	11/14/08 10:54	RSK 175	8111093
Methane	12600		ug/L	130	5	11/14/08 11:49	RSK 175	8111093
Surr: Acetylene (74-120%)	91 %					11/14/08 11:49	RSK 175	8111093
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/10/08 07:40	SW846 8260B	8111184
Benzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Bromobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Bromochloromethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Bromodichloromethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Bromoform	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Bromomethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
2-Butanone	ND		ug/L	50.0	1	11/10/08 07:40	SW846 8260B	8111184
sec-Butylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
n-Butylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
tert-Butylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Carbon disulfide	3.63		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Carbon Tetrachloride	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Chlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Chlorodibromomethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Chloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Chloroform	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Chloromethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
2-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
4-Chlorotoluene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Dibromomethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1-Dichloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2-Dichloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
cis-1,2-Dichloroethene	258		ug/L	5.00	5	11/10/08 08:08	SW846 8260B	8111184
1,1-Dichloroethene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
trans-1,2-Dichloroethene	2.80		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,3-Dichloropropane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
2,2-Dichloropropane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-08 (OB-04 - Ground Water) - cont. Sampled: 11/06/08 13:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1-Dichloropropene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Ethylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Hexachlorobutadiene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
2-Hexanone	ND		ug/L	50.0	1	11/10/08 07:40	SW846 8260B	8111184
Isopropylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
p-Isopropyltoluene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Methylene Chloride	ND		ug/L	5.00	1	11/10/08 07:40	SW846 8260B	8111184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/10/08 07:40	SW846 8260B	8111184
Naphthalene	ND		ug/L	5.00	1	11/10/08 07:40	SW846 8260B	8111184
n-Propylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Styrene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Tetrachloroethene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Toluene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Trichloroethene	44.9		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Trichlorofluoromethane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Vinyl chloride	114		ug/L	1.00	1	11/10/08 07:40	SW846 8260B	8111184
Xylenes, total	ND		ug/L	3.00	1	11/10/08 07:40	SW846 8260B	8111184
Surr: 1,2-Dichloroethane-d4 (60-140%)	107 %					11/10/08 07:40	SW846 8260B	8111184
Surr: 1,2-Dichloroethane-d4 (60-140%)	106 %					11/10/08 08:08	SW846 8260B	8111184
Surr: Dibromofluoromethane (75-124%)	105 %					11/10/08 07:40	SW846 8260B	8111184
Surr: Dibromofluoromethane (75-124%)	104 %					11/10/08 08:08	SW846 8260B	8111184
Surr: Toluene-d8 (78-121%)	106 %					11/10/08 07:40	SW846 8260B	8111184
Surr: Toluene-d8 (78-121%)	108 %					11/10/08 08:08	SW846 8260B	8111184
Surr: 4-Bromofluorobenzene (79-124%)	103 %					11/10/08 07:40	SW846 8260B	8111184
Surr: 4-Bromofluorobenzene (79-124%)	104 %					11/10/08 08:08	SW846 8260B	8111184

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-09 (TW-09 - Ground Water) Sampled: 11/06/08 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 19:45	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 19:45	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
cis-1,2-Dichloroethene	12.6		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
trans-1,2-Dichloroethene	12.0		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 19:45	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-09 (TW-09 - Ground Water) - cont. Sampled: 11/06/08 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 19:45	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 19:45	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 19:45	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Trichloroethene	71.2		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 19:45	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 19:45	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>11/09/08 19:45</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 19:45</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/09/08 19:45</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/09/08 19:45</i>	<i>SW846 8260B</i>	<i>8111178</i>

Sample ID: NRK0516-10 (QATB02 - Ground Water) Sampled: 11/06/08 14:15

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 20:13	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 20:13	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-10 (QATB02 - Ground Water) - cont. Sampled: 11/06/08 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 20:13	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 20:13	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 20:13	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 20:13	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Trichloroethene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-10 (QATB02 - Ground Water) - cont. Sampled: 11/06/08 14:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 20:13	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 20:13	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>108 %</i>					<i>11/09/08 20:13</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 20:13</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>111 %</i>					<i>11/09/08 20:13</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/09/08 20:13</i>	<i>SW846 8260B</i>	<i>8111178</i>

Sample ID: NRK0516-11 (QAFB02 - Ground Water) Sampled: 11/06/08 14:20

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 20:42	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 20:42	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-11 (QAFB02 - Ground Water) - cont. Sampled: 11/06/08 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 20:42	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 20:42	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 20:42	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 20:42	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Trichloroethene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 20:42	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 20:42	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>11/09/08 20:42</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 20:42</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/09/08 20:42</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>105 %</i>					<i>11/09/08 20:42</i>	<i>SW846 8260B</i>	<i>8111178</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-12 (QARB02 - Ground Water) Sampled: 11/06/08 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 21:11	SW846 8260B	8111178
Benzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Bromobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Bromoform	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Bromomethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
2-Butanone	ND		ug/L	50.0	1	11/09/08 21:11	SW846 8260B	8111178
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Chloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Chloroform	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Chloromethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Dibromomethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
2-Hexanone	ND		ug/L	50.0	1	11/09/08 21:11	SW846 8260B	8111178
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0516-12 (QARB02 - Ground Water) - cont. Sampled: 11/06/08 14:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 21:11	SW846 8260B	8111178
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 21:11	SW846 8260B	8111178
Naphthalene	ND		ug/L	5.00	1	11/09/08 21:11	SW846 8260B	8111178
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Styrene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Toluene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Trichloroethene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 21:11	SW846 8260B	8111178
Xylenes, total	ND		ug/L	3.00	1	11/09/08 21:11	SW846 8260B	8111178
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>107 %</i>					<i>11/09/08 21:11</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 21:11</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>109 %</i>					<i>11/09/08 21:11</i>	<i>SW846 8260B</i>	<i>8111178</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>104 %</i>					<i>11/09/08 21:11</i>	<i>SW846 8260B</i>	<i>8111178</i>

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

General Chemistry Parameters

8110965-BLK1

Carbon Dioxide	<2.40		mg/L	8110965	8110965-BLK1	11/07/08 11:09

8111260-BLK1

Total Organic Carbon	<0.500		mg/L	8111260	8111260-BLK1	11/10/08 06:28

Methane, Ethane, and Ethene by GC

8111093-BLK1

Ethene	<11.0		ug/L	8111093	8111093-BLK1	11/14/08 09:36
Methane	<15.0		ug/L	8111093	8111093-BLK1	11/14/08 09:36
Surrogate: Acetylene	90%			8111093	8111093-BLK1	11/14/08 09:36
Surrogate: Acetylene	90%			8111093	8111093-BLK1	11/14/08 09:36

Volatile Organic Compounds by EPA Method 8260B

8111178-BLK1

Acetone	<25.0		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Benzene	<0.270		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Bromobenzene	<0.360		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Bromochloromethane	<0.400		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Bromodichloromethane	<0.350		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Bromoform	<0.430		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Bromomethane	<0.420		ug/L	8111178	8111178-BLK1	11/09/08 16:53
2-Butanone	<2.40		ug/L	8111178	8111178-BLK1	11/09/08 16:53
sec-Butylbenzene	<0.140		ug/L	8111178	8111178-BLK1	11/09/08 16:53
n-Butylbenzene	<0.280		ug/L	8111178	8111178-BLK1	11/09/08 16:53
tert-Butylbenzene	<0.330		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Carbon disulfide	<0.380		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Carbon Tetrachloride	<0.350		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Chlorobenzene	<0.180		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Chlorodibromomethane	<0.280		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Chloroethane	<0.450		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Chloroform	<0.280		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Chloromethane	<0.380		ug/L	8111178	8111178-BLK1	11/09/08 16:53
2-Chlorotoluene	<0.300		ug/L	8111178	8111178-BLK1	11/09/08 16:53
4-Chlorotoluene	<0.330		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2-Dibromoethane (EDB)	<0.390		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Dibromomethane	<0.350		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,4-Dichlorobenzene	<0.380		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,3-Dichlorobenzene	<0.350		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2-Dichlorobenzene	<0.500		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Dichlorodifluoromethane	<0.460		ug/L	8111178	8111178-BLK1	11/09/08 16:53

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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

8111178-BLK1

1,1-Dichloroethane	<0.540		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2-Dichloroethane	<0.370		ug/L	8111178	8111178-BLK1	11/09/08 16:53
cis-1,2-Dichloroethene	<0.390		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1-Dichloroethene	<0.340		ug/L	8111178	8111178-BLK1	11/09/08 16:53
trans-1,2-Dichloroethene	<0.470		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,3-Dichloropropane	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2-Dichloropropane	<0.320		ug/L	8111178	8111178-BLK1	11/09/08 16:53
2,2-Dichloropropane	<0.420		ug/L	8111178	8111178-BLK1	11/09/08 16:53
cis-1,3-Dichloropropene	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
trans-1,3-Dichloropropene	<0.330		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1-Dichloropropene	<0.310		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Ethylbenzene	<0.240		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Hexachlorobutadiene	<0.910		ug/L	8111178	8111178-BLK1	11/09/08 16:53
2-Hexanone	<16.7		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Isopropylbenzene	<0.300		ug/L	8111178	8111178-BLK1	11/09/08 16:53
p-Isopropyltoluene	<0.220		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Methyl tert-Butyl Ether	<0.420		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Methylene Chloride	<0.830		ug/L	8111178	8111178-BLK1	11/09/08 16:53
4-Methyl-2-pentanone	<3.49		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Naphthalene	<0.540		ug/L	8111178	8111178-BLK1	11/09/08 16:53
n-Propylbenzene	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Styrene	<0.330		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Tetrachloroethene	<0.230		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Toluene	<0.280		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2,3-Trichlorobenzene	<0.940		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2,4-Trichlorobenzene	<0.500		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1,2-Trichloroethane	<0.400		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,1,1-Trichloroethane	<0.370		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Trichloroethene	<0.230		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Trichlorofluoromethane	<0.350		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2,3-Trichloropropane	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,3,5-Trimethylbenzene	<0.160		ug/L	8111178	8111178-BLK1	11/09/08 16:53
1,2,4-Trimethylbenzene	<0.170		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Vinyl chloride	<0.290		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Xylenes, total	<0.860		ug/L	8111178	8111178-BLK1	11/09/08 16:53
Surrogate: 1,2-Dichloroethane-d4	105%			8111178	8111178-BLK1	11/09/08 16:53
Surrogate: Dibromofluoromethane	102%			8111178	8111178-BLK1	11/09/08 16:53
Surrogate: Toluene-d8	108%			8111178	8111178-BLK1	11/09/08 16:53
Surrogate: 4-Bromofluorobenzene	106%			8111178	8111178-BLK1	11/09/08 16:53

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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						
8111184-BLK1						
Acetone	<25.0		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Benzene	<0.270		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Bromobenzene	<0.360		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Bromochloromethane	<0.400		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Bromodichloromethane	<0.350		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Bromoform	<0.430		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Bromomethane	<0.420		ug/L	8111184	8111184-BLK1	11/10/08 05:17
2-Butanone	<2.40		ug/L	8111184	8111184-BLK1	11/10/08 05:17
sec-Butylbenzene	<0.140		ug/L	8111184	8111184-BLK1	11/10/08 05:17
n-Butylbenzene	<0.280		ug/L	8111184	8111184-BLK1	11/10/08 05:17
tert-Butylbenzene	<0.330		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Carbon disulfide	<0.380		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Carbon Tetrachloride	<0.350		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Chlorobenzene	<0.180		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Chlorodibromomethane	<0.280		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Chloroethane	<0.450		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Chloroform	<0.280		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Chloromethane	<0.380		ug/L	8111184	8111184-BLK1	11/10/08 05:17
2-Chlorotoluene	<0.300		ug/L	8111184	8111184-BLK1	11/10/08 05:17
4-Chlorotoluene	<0.330		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2-Dibromoethane (EDB)	<0.390		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Dibromomethane	<0.350		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,4-Dichlorobenzene	<0.380		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,3-Dichlorobenzene	<0.350		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2-Dichlorobenzene	<0.500		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Dichlorodifluoromethane	<0.460		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1-Dichloroethane	<0.540		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2-Dichloroethane	<0.370		ug/L	8111184	8111184-BLK1	11/10/08 05:17
cis-1,2-Dichloroethene	<0.390		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1-Dichloroethene	<0.340		ug/L	8111184	8111184-BLK1	11/10/08 05:17
trans-1,2-Dichloroethene	<0.470		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,3-Dichloropropane	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2-Dichloropropane	<0.320		ug/L	8111184	8111184-BLK1	11/10/08 05:17
2,2-Dichloropropane	<0.420		ug/L	8111184	8111184-BLK1	11/10/08 05:17
cis-1,3-Dichloropropene	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
trans-1,3-Dichloropropene	<0.330		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1-Dichloropropene	<0.310		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Ethylbenzene	<0.240		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Hexachlorobutadiene	<0.910		ug/L	8111184	8111184-BLK1	11/10/08 05:17
2-Hexanone	<16.7		ug/L	8111184	8111184-BLK1	11/10/08 05:17

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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

8111184-BLK1

Isopropylbenzene	<0.300		ug/L	8111184	8111184-BLK1	11/10/08 05:17
p-Isopropyltoluene	<0.220		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Methyl tert-Butyl Ether	<0.420		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Methylene Chloride	<0.830		ug/L	8111184	8111184-BLK1	11/10/08 05:17
4-Methyl-2-pentanone	<3.49		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Naphthalene	<0.540		ug/L	8111184	8111184-BLK1	11/10/08 05:17
n-Propylbenzene	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Styrene	<0.330		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Tetrachloroethene	<0.230		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Toluene	<0.280		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2,3-Trichlorobenzene	<0.940		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2,4-Trichlorobenzene	<0.500		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1,2-Trichloroethane	<0.400		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,1,1-Trichloroethane	<0.370		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Trichloroethene	<0.230		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Trichlorofluoromethane	<0.350		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2,3-Trichloropropane	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,3,5-Trimethylbenzene	<0.160		ug/L	8111184	8111184-BLK1	11/10/08 05:17
1,2,4-Trimethylbenzene	<0.170		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Vinyl chloride	<0.290		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Xylenes, total	<0.860		ug/L	8111184	8111184-BLK1	11/10/08 05:17
Surrogate: 1,2-Dichloroethane-d4	106%			8111184	8111184-BLK1	11/10/08 05:17
Surrogate: Dibromofluoromethane	102%			8111184	8111184-BLK1	11/10/08 05:17
Surrogate: Toluene-d8	107%			8111184	8111184-BLK1	11/10/08 05:17
Surrogate: 4-Bromofluorobenzene	106%			8111184	8111184-BLK1	11/10/08 05:17

Client MACTEC Engineering & Consulting, Inc. (4997)
 1725 Louisville Drive
 Knoxville, TN 37921
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Work Order: NRK0516
 Project Name: Former Taylor Instruments
 Project Number: [none]
 Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
8110965-DUP1									
Carbon Dioxide	10.8	11.1		mg/L	3	20	8110965	NRJ2387-02	11/07/08 11:09
8111260-DUP1									
Total Organic Carbon	4.08	4.25		mg/L	4	20	8111260	NRK0500-03	11/10/08 06:28
8111260-DUP2									
Total Organic Carbon	123	122		mg/L	0.7	20	8111260	NRK0562-01	11/10/08 06:28

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time

General Chemistry Parameters

8111260-BS1

Total Organic Carbon	200	181		ug/mL	90%	90 - 110	8111260	11/10/08 06:28

Methane, Ethane, and Ethene by GC

8111093-BS1

Ethene	2340	2200		ug/L	94%	75 - 112	8111093	11/14/08 09:43
Methane	1330	1210		ug/L	91%	85 - 117	8111093	11/14/08 09:43
Surrogate: Acetylene	2160	2110			98%	74 - 120	8111093	11/14/08 09:43
Surrogate: Acetylene	2160	2110			98%	74 - 120	8111093	11/14/08 09:43

Volatile Organic Compounds by EPA Method 8260B

8111178-BS1

Acetone	250	266		ug/L	106%	62 - 150	8111178	11/09/08 14:58
Benzene	50.0	49.6		ug/L	99%	80 - 137	8111178	11/09/08 14:58
Bromobenzene	50.0	53.9		ug/L	108%	74 - 131	8111178	11/09/08 14:58
Bromochloromethane	50.0	47.9		ug/L	96%	80 - 128	8111178	11/09/08 14:58
Bromodichloromethane	50.0	57.6		ug/L	115%	80 - 129	8111178	11/09/08 14:58
Bromoform	50.0	45.9		ug/L	92%	69 - 127	8111178	11/09/08 14:58
Bromomethane	50.0	46.8		ug/L	94%	62 - 148	8111178	11/09/08 14:58
2-Butanone	250	265		ug/L	106%	77 - 141	8111178	11/09/08 14:58
sec-Butylbenzene	50.0	54.2		ug/L	108%	78 - 133	8111178	11/09/08 14:58
n-Butylbenzene	50.0	55.3		ug/L	111%	72 - 136	8111178	11/09/08 14:58
tert-Butylbenzene	50.0	55.1		ug/L	110%	77 - 135	8111178	11/09/08 14:58
Carbon disulfide	50.0	54.6		ug/L	109%	80 - 126	8111178	11/09/08 14:58
Carbon Tetrachloride	50.0	56.0		ug/L	112%	76 - 143	8111178	11/09/08 14:58
Chlorobenzene	50.0	48.3		ug/L	97%	80 - 120	8111178	11/09/08 14:58
Chlorodibromomethane	50.0	48.0		ug/L	96%	76 - 123	8111178	11/09/08 14:58
Chloroethane	50.0	51.8		ug/L	104%	77 - 127	8111178	11/09/08 14:58
Chloroform	50.0	48.9		ug/L	98%	80 - 133	8111178	11/09/08 14:58
Chloromethane	50.0	37.9		ug/L	76%	33 - 125	8111178	11/09/08 14:58
2-Chlorotoluene	50.0	53.7		ug/L	107%	80 - 127	8111178	11/09/08 14:58
4-Chlorotoluene	50.0	52.4		ug/L	105%	80 - 127	8111178	11/09/08 14:58
1,2-Dibromo-3-chloropropane	50.0	46.1		ug/L	92%	60 - 136	8111178	11/09/08 14:58
1,2-Dibromoethane (EDB)	50.0	54.4		ug/L	109%	80 - 125	8111178	11/09/08 14:58
Dibromomethane	50.0	50.6		ug/L	101%	80 - 124	8111178	11/09/08 14:58
1,4-Dichlorobenzene	50.0	46.8		ug/L	94%	80 - 120	8111178	11/09/08 14:58
1,3-Dichlorobenzene	50.0	48.6		ug/L	97%	80 - 123	8111178	11/09/08 14:58
1,2-Dichlorobenzene	50.0	50.4		ug/L	101%	80 - 122	8111178	11/09/08 14:58
Dichlorodifluoromethane	50.0	40.6		ug/L	81%	36 - 120	8111178	11/09/08 14:58
1,1-Dichloroethane	50.0	51.8		ug/L	104%	76 - 130	8111178	11/09/08 14:58
1,2-Dichloroethane	50.0	50.8		ug/L	102%	69 - 136	8111178	11/09/08 14:58
cis-1,2-Dichloroethene	50.0	52.8		ug/L	106%	80 - 129	8111178	11/09/08 14:58

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8111178-BS1								
1,1-Dichloroethene	50.0	52.5		ug/L	105%	80 - 127	8111178	11/09/08 14:58
trans-1,2-Dichloroethene	50.0	53.1		ug/L	106%	80 - 131	8111178	11/09/08 14:58
1,3-Dichloropropane	50.0	53.6		ug/L	107%	80 - 122	8111178	11/09/08 14:58
1,2-Dichloropropane	50.0	49.0		ug/L	98%	80 - 120	8111178	11/09/08 14:58
2,2-Dichloropropane	50.0	50.7		ug/L	101%	62 - 142	8111178	11/09/08 14:58
cis-1,3-Dichloropropene	50.0	56.6		ug/L	113%	76 - 135	8111178	11/09/08 14:58
trans-1,3-Dichloropropene	50.0	45.2		ug/L	90%	70 - 137	8111178	11/09/08 14:58
1,1-Dichloropropene	50.0	51.4		ug/L	103%	80 - 127	8111178	11/09/08 14:58
Ethylbenzene	50.0	51.9		ug/L	104%	80 - 128	8111178	11/09/08 14:58
Hexachlorobutadiene	50.0	50.3		ug/L	101%	68 - 148	8111178	11/09/08 14:58
2-Hexanone	250	291		ug/L	116%	69 - 148	8111178	11/09/08 14:58
Isopropylbenzene	50.0	52.0		ug/L	104%	80 - 121	8111178	11/09/08 14:58
p-Isopropyltoluene	50.0	45.4		ug/L	91%	79 - 127	8111178	11/09/08 14:58
Methyl tert-Butyl Ether	50.0	53.1		ug/L	106%	70 - 129	8111178	11/09/08 14:58
Methylene Chloride	50.0	48.6		ug/L	97%	76 - 135	8111178	11/09/08 14:58
4-Methyl-2-pentanone	250	283		ug/L	113%	67 - 143	8111178	11/09/08 14:58
Naphthalene	50.0	51.8		ug/L	104%	62 - 141	8111178	11/09/08 14:58
n-Propylbenzene	50.0	53.3		ug/L	107%	80 - 132	8111178	11/09/08 14:58
Styrene	50.0	56.0		ug/L	112%	80 - 139	8111178	11/09/08 14:58
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/L	94%	80 - 135	8111178	11/09/08 14:58
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L	110%	65 - 145	8111178	11/09/08 14:58
Tetrachloroethene	50.0	48.6		ug/L	97%	80 - 125	8111178	11/09/08 14:58
Toluene	50.0	51.0		ug/L	102%	80 - 125	8111178	11/09/08 14:58
1,2,3-Trichlorobenzene	50.0	52.4		ug/L	105%	57 - 144	8111178	11/09/08 14:58
1,2,4-Trichlorobenzene	50.0	50.8		ug/L	102%	60 - 140	8111178	11/09/08 14:58
1,1,2-Trichloroethane	50.0	55.2		ug/L	110%	80 - 122	8111178	11/09/08 14:58
1,1,1-Trichloroethane	50.0	51.2		ug/L	102%	80 - 131	8111178	11/09/08 14:58
Trichloroethene	50.0	48.6		ug/L	97%	80 - 131	8111178	11/09/08 14:58
Trichlorofluoromethane	50.0	46.5		ug/L	93%	68 - 125	8111178	11/09/08 14:58
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	60 - 127	8111178	11/09/08 14:58
1,3,5-Trimethylbenzene	50.0	54.5		ug/L	109%	80 - 129	8111178	11/09/08 14:58
1,2,4-Trimethylbenzene	50.0	49.2		ug/L	98%	80 - 128	8111178	11/09/08 14:58
Vinyl chloride	50.0	51.4		ug/L	103%	69 - 120	8111178	11/09/08 14:58
Xylenes, total	150	159		ug/L	106%	80 - 129	8111178	11/09/08 14:58
Surrogate: 1,2-Dichloroethane-d4	30.0	30.9			103%	60 - 140	8111178	11/09/08 14:58
Surrogate: Dibromofluoromethane	30.0	30.4			101%	75 - 124	8111178	11/09/08 14:58
Surrogate: Toluene-d8	30.0	31.5			105%	78 - 121	8111178	11/09/08 14:58
Surrogate: 4-Bromofluorobenzene	30.0	32.6			109%	79 - 124	8111178	11/09/08 14:58
8111184-BS1								
Acetone	250	250		ug/L	100%	62 - 150	8111184	11/10/08 03:23

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8111184-BS1								
Benzene	50.0	49.9		ug/L	100%	80 - 137	8111184	11/10/08 03:23
Bromobenzene	50.0	52.2		ug/L	104%	74 - 131	8111184	11/10/08 03:23
Bromochloromethane	50.0	49.3		ug/L	99%	80 - 128	8111184	11/10/08 03:23
Bromodichloromethane	50.0	57.2		ug/L	114%	80 - 129	8111184	11/10/08 03:23
Bromoform	50.0	44.1		ug/L	88%	69 - 127	8111184	11/10/08 03:23
Bromomethane	50.0	47.9		ug/L	96%	62 - 148	8111184	11/10/08 03:23
2-Butanone	250	246		ug/L	98%	77 - 141	8111184	11/10/08 03:23
sec-Butylbenzene	50.0	52.8		ug/L	106%	78 - 133	8111184	11/10/08 03:23
n-Butylbenzene	50.0	53.2		ug/L	106%	72 - 136	8111184	11/10/08 03:23
tert-Butylbenzene	50.0	54.1		ug/L	108%	77 - 135	8111184	11/10/08 03:23
Carbon disulfide	50.0	55.2		ug/L	110%	80 - 126	8111184	11/10/08 03:23
Carbon Tetrachloride	50.0	54.6		ug/L	109%	76 - 143	8111184	11/10/08 03:23
Chlorobenzene	50.0	48.2		ug/L	96%	80 - 120	8111184	11/10/08 03:23
Chlorodibromomethane	50.0	46.9		ug/L	94%	76 - 123	8111184	11/10/08 03:23
Chloroethane	50.0	51.9		ug/L	104%	77 - 127	8111184	11/10/08 03:23
Chloroform	50.0	49.2		ug/L	98%	80 - 133	8111184	11/10/08 03:23
Chloromethane	50.0	36.1		ug/L	72%	33 - 125	8111184	11/10/08 03:23
2-Chlorotoluene	50.0	53.0		ug/L	106%	80 - 127	8111184	11/10/08 03:23
4-Chlorotoluene	50.0	51.0		ug/L	102%	80 - 127	8111184	11/10/08 03:23
1,2-Dibromo-3-chloropropane	50.0	42.6		ug/L	85%	60 - 136	8111184	11/10/08 03:23
1,2-Dibromoethane (EDB)	50.0	52.7		ug/L	105%	80 - 125	8111184	11/10/08 03:23
Dibromomethane	50.0	49.7		ug/L	99%	80 - 124	8111184	11/10/08 03:23
1,4-Dichlorobenzene	50.0	46.5		ug/L	93%	80 - 120	8111184	11/10/08 03:23
1,3-Dichlorobenzene	50.0	47.4		ug/L	95%	80 - 123	8111184	11/10/08 03:23
1,2-Dichlorobenzene	50.0	48.9		ug/L	98%	80 - 122	8111184	11/10/08 03:23
Dichlorodifluoromethane	50.0	38.6		ug/L	77%	36 - 120	8111184	11/10/08 03:23
1,1-Dichloroethane	50.0	52.3		ug/L	105%	76 - 130	8111184	11/10/08 03:23
1,2-Dichloroethane	50.0	50.6		ug/L	101%	69 - 136	8111184	11/10/08 03:23
cis-1,2-Dichloroethene	50.0	52.5		ug/L	105%	80 - 129	8111184	11/10/08 03:23
1,1-Dichloroethene	50.0	52.6		ug/L	105%	80 - 127	8111184	11/10/08 03:23
trans-1,2-Dichloroethene	50.0	54.6		ug/L	109%	80 - 131	8111184	11/10/08 03:23
1,3-Dichloropropane	50.0	53.2		ug/L	106%	80 - 122	8111184	11/10/08 03:23
1,2-Dichloropropane	50.0	49.2		ug/L	98%	80 - 120	8111184	11/10/08 03:23
2,2-Dichloropropane	50.0	42.9		ug/L	86%	62 - 142	8111184	11/10/08 03:23
cis-1,3-Dichloropropene	50.0	53.9		ug/L	108%	76 - 135	8111184	11/10/08 03:23
trans-1,3-Dichloropropene	50.0	45.8		ug/L	92%	70 - 137	8111184	11/10/08 03:23
1,1-Dichloropropene	50.0	51.3		ug/L	103%	80 - 127	8111184	11/10/08 03:23
Ethylbenzene	50.0	51.9		ug/L	104%	80 - 128	8111184	11/10/08 03:23
Hexachlorobutadiene	50.0	49.0		ug/L	98%	68 - 148	8111184	11/10/08 03:23
2-Hexanone	250	265		ug/L	106%	69 - 148	8111184	11/10/08 03:23
Isopropylbenzene	50.0	51.8		ug/L	104%	80 - 121	8111184	11/10/08 03:23

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8111184-BS1								
p-Isopropyltoluene	50.0	44.4		ug/L	89%	79 - 127	8111184	11/10/08 03:23
Methyl tert-Butyl Ether	50.0	52.1		ug/L	104%	70 - 129	8111184	11/10/08 03:23
Methylene Chloride	50.0	50.0		ug/L	100%	76 - 135	8111184	11/10/08 03:23
4-Methyl-2-pentanone	250	257		ug/L	103%	67 - 143	8111184	11/10/08 03:23
Naphthalene	50.0	47.4		ug/L	95%	62 - 141	8111184	11/10/08 03:23
n-Propylbenzene	50.0	52.3		ug/L	105%	80 - 132	8111184	11/10/08 03:23
Styrene	50.0	55.8		ug/L	112%	80 - 139	8111184	11/10/08 03:23
1,1,1,2-Tetrachloroethane	50.0	47.1		ug/L	94%	80 - 135	8111184	11/10/08 03:23
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/L	102%	65 - 145	8111184	11/10/08 03:23
Tetrachloroethene	50.0	48.7		ug/L	97%	80 - 125	8111184	11/10/08 03:23
Toluene	50.0	49.9		ug/L	100%	80 - 125	8111184	11/10/08 03:23
1,2,3-Trichlorobenzene	50.0	48.5		ug/L	97%	57 - 144	8111184	11/10/08 03:23
1,2,4-Trichlorobenzene	50.0	47.4		ug/L	95%	60 - 140	8111184	11/10/08 03:23
1,1,2-Trichloroethane	50.0	54.3		ug/L	109%	80 - 122	8111184	11/10/08 03:23
1,1,1-Trichloroethane	50.0	51.4		ug/L	103%	80 - 131	8111184	11/10/08 03:23
Trichloroethene	50.0	48.8		ug/L	98%	80 - 131	8111184	11/10/08 03:23
Trichlorofluoromethane	50.0	45.1		ug/L	90%	68 - 125	8111184	11/10/08 03:23
1,2,3-Trichloropropane	50.0	46.9		ug/L	94%	60 - 127	8111184	11/10/08 03:23
1,3,5-Trimethylbenzene	50.0	53.6		ug/L	107%	80 - 129	8111184	11/10/08 03:23
1,2,4-Trimethylbenzene	50.0	48.4		ug/L	97%	80 - 128	8111184	11/10/08 03:23
Vinyl chloride	50.0	50.9		ug/L	102%	69 - 120	8111184	11/10/08 03:23
Xylenes, total	150	158		ug/L	105%	80 - 129	8111184	11/10/08 03:23
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	30.4			101%	60 - 140	8111184	11/10/08 03:23
<i>Surrogate: Dibromofluoromethane</i>	30.0	30.9			103%	75 - 124	8111184	11/10/08 03:23
<i>Surrogate: Toluene-d8</i>	30.0	31.1			104%	78 - 121	8111184	11/10/08 03:23
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	32.1			107%	79 - 124	8111184	11/10/08 03:23

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

Work Order: NRK0516
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Project Number: [none]
Received: 11/07/08 08:15

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
Methane, Ethane, and Ethene by GC												
8111093-BSID1												
Ethene		2200		ug/L	2340	94%	75 - 112	0.2	28	8111093		11/14/08 09:41
Methane		1270		ug/L	1330	95%	85 - 117	5	25	8111093		11/14/08 09:41
Surrogate: Acetylene		2090		ug/L	2160	97%	74 - 120			8111093		11/14/08 09:41
Surrogate: Acetylene		2090		ug/L	2160	97%	74 - 120			8111093		11/14/08 09:41

Volatile Organic Compounds by EPA Method 8260B

8111178-BSID1

Acetone	229	ug/L	250	91%	62 - 150	15	29	8111178	11/09/08 15:27
Benzene	43.8	ug/L	50.0	88%	80 - 137	12	23	8111178	11/09/08 15:27
Bromobenzene	46.5	ug/L	50.0	93%	74 - 131	15	18	8111178	11/09/08 15:27
Bromochloromethane	41.6	ug/L	50.0	83%	80 - 128	14	18	8111178	11/09/08 15:27
Bromodichloromethane	49.5	ug/L	50.0	99%	80 - 129	15	18	8111178	11/09/08 15:27
Bromoform	39.1	ug/L	50.0	78%	69 - 127	16	24	8111178	11/09/08 15:27
Bromomethane	42.2	ug/L	50.0	84%	62 - 148	10	45	8111178	11/09/08 15:27
2-Butanone	224	ug/L	250	90%	77 - 141	17	36	8111178	11/09/08 15:27
sec-Butylbenzene	46.9	ug/L	50.0	94%	78 - 133	15	17	8111178	11/09/08 15:27
n-Butylbenzene	48.3	ug/L	50.0	97%	72 - 136	14	18	8111178	11/09/08 15:27
tert-Butylbenzene	48.3	ug/L	50.0	97%	77 - 135	13	17	8111178	11/09/08 15:27
Carbon disulfide	48.6	ug/L	50.0	97%	80 - 126	12	16	8111178	11/09/08 15:27
Carbon Tetrachloride	48.5	ug/L	50.0	97%	76 - 143	14	29	8111178	11/09/08 15:27
Chlorobenzene	42.5	ug/L	50.0	85%	80 - 120	13	27	8111178	11/09/08 15:27
Chlorodibromomethane	41.4	ug/L	50.0	83%	76 - 123	15	21	8111178	11/09/08 15:27
Chloroethane	49.5	ug/L	50.0	99%	77 - 127	5	32	8111178	11/09/08 15:27
Chloroform	42.8	ug/L	50.0	86%	80 - 133	13	28	8111178	11/09/08 15:27
Chloromethane	37.3	ug/L	50.0	75%	33 - 125	2	21	8111178	11/09/08 15:27
2-Chlorotoluene	46.9	ug/L	50.0	94%	80 - 127	13	16	8111178	11/09/08 15:27
4-Chlorotoluene	45.0	ug/L	50.0	90%	80 - 127	15	17	8111178	11/09/08 15:27
1,2-Dibromo-3-chloropropane	40.5	ug/L	50.0	81%	60 - 136	13	29	8111178	11/09/08 15:27
1,2-Dibromoethane (EDB)	46.6	ug/L	50.0	93%	80 - 125	15	21	8111178	11/09/08 15:27
Dibromomethane	43.0	ug/L	50.0	86%	80 - 124	16	20	8111178	11/09/08 15:27
1,4-Dichlorobenzene	40.5	ug/L	50.0	81%	80 - 120	14	19	8111178	11/09/08 15:27
1,3-Dichlorobenzene	41.8	ug/L	50.0	84%	80 - 123	15	18	8111178	11/09/08 15:27
1,2-Dichlorobenzene	43.8	ug/L	50.0	88%	80 - 122	14	23	8111178	11/09/08 15:27
Dichlorodifluoromethane	39.0	ug/L	50.0	78%	36 - 120	4	14	8111178	11/09/08 15:27
1,1-Dichloroethane	45.8	ug/L	50.0	92%	76 - 130	12	15	8111178	11/09/08 15:27
1,2-Dichloroethane	43.6	ug/L	50.0	87%	69 - 136	15	26	8111178	11/09/08 15:27
cis-1,2-Dichloroethene	46.5	ug/L	50.0	93%	80 - 129	13	14	8111178	11/09/08 15:27
1,1-Dichloroethene	46.4	ug/L	50.0	93%	80 - 127	12	26	8111178	11/09/08 15:27
trans-1,2-Dichloroethene	47.1	ug/L	50.0	94%	80 - 131	12	14	8111178	11/09/08 15:27
1,3-Dichloropropane	46.5	ug/L	50.0	93%	80 - 122	14	21	8111178	11/09/08 15:27
1,2-Dichloropropane	42.8	ug/L	50.0	86%	80 - 120	14	16	8111178	11/09/08 15:27

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111178-BSD1												
2,2-Dichloropropane		44.4		ug/L	50.0	89%	62 - 142	13	14	8111178		11/09/08 15:27
cis-1,3-Dichloropropene		48.9		ug/L	50.0	98%	76 - 135	15	19	8111178		11/09/08 15:27
trans-1,3-Dichloropropene		37.8		ug/L	50.0	76%	70 - 137	18	20	8111178		11/09/08 15:27
1,1-Dichloropropene		45.0		ug/L	50.0	90%	80 - 127	13	14	8111178		11/09/08 15:27
Ethylbenzene		45.6		ug/L	50.0	91%	80 - 128	13	17	8111178		11/09/08 15:27
Hexachlorobutadiene		44.9		ug/L	50.0	90%	68 - 148	11	34	8111178		11/09/08 15:27
2-Hexanone		245		ug/L	250	98%	69 - 148	17	34	8111178		11/09/08 15:27
Isopropylbenzene		45.8		ug/L	50.0	92%	80 - 121	13	18	8111178		11/09/08 15:27
p-Isopropyltoluene		39.6		ug/L	50.0	79%	79 - 127	14	17	8111178		11/09/08 15:27
Methyl tert-Butyl Ether		45.7		ug/L	50.0	91%	70 - 129	15	32	8111178		11/09/08 15:27
Methylene Chloride		43.4		ug/L	50.0	87%	76 - 135	11	18	8111178		11/09/08 15:27
4-Methyl-2-pentanone		239		ug/L	250	95%	67 - 143	17	31	8111178		11/09/08 15:27
Naphthalene		47.5		ug/L	50.0	95%	62 - 141	9	39	8111178		11/09/08 15:27
n-Propylbenzene		46.5		ug/L	50.0	93%	80 - 132	14	17	8111178		11/09/08 15:27
Styrene		49.4		ug/L	50.0	99%	80 - 139	13	16	8111178		11/09/08 15:27
1,1,1,2-Tetrachloroethane		40.6		ug/L	50.0	81%	80 - 135	14	17	8111178		11/09/08 15:27
1,1,2,2-Tetrachloroethane		46.4		ug/L	50.0	93%	65 - 145	17	28	8111178		11/09/08 15:27
Tetrachloroethene		42.7		ug/L	50.0	85%	80 - 125	13	27	8111178		11/09/08 15:27
Toluene		44.4		ug/L	50.0	89%	80 - 125	14	19	8111178		11/09/08 15:27
1,2,3-Trichlorobenzene		48.7		ug/L	50.0	97%	57 - 144	7	31	8111178		11/09/08 15:27
1,2,4-Trichlorobenzene		45.6		ug/L	50.0	91%	60 - 140	11	26	8111178		11/09/08 15:27
1,1,2-Trichloroethane		47.1		ug/L	50.0	94%	80 - 122	16	21	8111178		11/09/08 15:27
1,1,1-Trichloroethane		44.7		ug/L	50.0	89%	80 - 131	14	16	8111178		11/09/08 15:27
Trichloroethene		42.6		ug/L	50.0	85%	80 - 131	13	28	8111178		11/09/08 15:27
Trichlorofluoromethane		44.5		ug/L	50.0	89%	68 - 125	4	20	8111178		11/09/08 15:27
1,2,3-Trichloropropane		42.7		ug/L	50.0	85%	60 - 127	17	26	8111178		11/09/08 15:27
1,3,5-Trimethylbenzene		47.6		ug/L	50.0	95%	80 - 129	14	16	8111178		11/09/08 15:27
1,2,4-Trimethylbenzene		42.6		ug/L	50.0	85%	80 - 128	14	22	8111178		11/09/08 15:27
Vinyl chloride		49.3		ug/L	50.0	99%	69 - 120	4	26	8111178		11/09/08 15:27
Xylenes, total		139		ug/L	150	93%	80 - 129	13	18	8111178		11/09/08 15:27
Surrogate: 1,2-Dichloroethane-d4		30.7		ug/L	30.0	102%	60 - 140			8111178		11/09/08 15:27
Surrogate: Dibromofluoromethane		30.6		ug/L	30.0	102%	75 - 124			8111178		11/09/08 15:27
Surrogate: Toluene-d8		31.2		ug/L	30.0	104%	78 - 121			8111178		11/09/08 15:27
Surrogate: 4-Bromofluorobenzene		32.5		ug/L	30.0	108%	79 - 124			8111178		11/09/08 15:27
8111184-BSD1												
Acetone		252	MNR1	ug/L	250	101%	62 - 150	1	29	8111184		11/10/08 03:51
Benzene		48.6	MNR1	ug/L	50.0	97%	80 - 137	3	23	8111184		11/10/08 03:51
Bromobenzene		52.8	MNR1	ug/L	50.0	106%	74 - 131	1	18	8111184		11/10/08 03:51
Bromochloromethane		47.9	MNR1	ug/L	50.0	96%	80 - 128	3	18	8111184		11/10/08 03:51
Bromodichloromethane		55.9	MNR1	ug/L	50.0	112%	80 - 129	2	18	8111184		11/10/08 03:51

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111184-BSD1												
Bromoform		43.8	MNR1	ug/L	50.0	88%	69 - 127	0.7	24	8111184		11/10/08 03:51
Bromomethane		44.9	MNR1	ug/L	50.0	90%	62 - 148	7	45	8111184		11/10/08 03:51
2-Butanone		248	MNR1	ug/L	250	99%	77 - 141	1	36	8111184		11/10/08 03:51
sec-Butylbenzene		52.3	MNR1	ug/L	50.0	105%	78 - 133	1	17	8111184		11/10/08 03:51
n-Butylbenzene		52.8	MNR1	ug/L	50.0	106%	72 - 136	0.7	18	8111184		11/10/08 03:51
tert-Butylbenzene		53.8	MNR1	ug/L	50.0	108%	77 - 135	0.5	17	8111184		11/10/08 03:51
Carbon disulfide		52.7	MNR1	ug/L	50.0	105%	80 - 126	5	16	8111184		11/10/08 03:51
Carbon Tetrachloride		53.3	MNR1	ug/L	50.0	107%	76 - 143	2	29	8111184		11/10/08 03:51
Chlorobenzene		47.6	MNR1	ug/L	50.0	95%	80 - 120	1	27	8111184		11/10/08 03:51
Chlorodibromomethane		46.0	MNR1	ug/L	50.0	92%	76 - 123	2	21	8111184		11/10/08 03:51
Chloroethane		49.2	MNR1	ug/L	50.0	98%	77 - 127	5	32	8111184		11/10/08 03:51
Chloroform		47.8	MNR1	ug/L	50.0	96%	80 - 133	3	28	8111184		11/10/08 03:51
Chloromethane		35.2	MNR1	ug/L	50.0	70%	33 - 125	2	21	8111184		11/10/08 03:51
2-Chlorotoluene		53.3	MNR1	ug/L	50.0	107%	80 - 127	0.5	16	8111184		11/10/08 03:51
4-Chlorotoluene		50.9	MNR1	ug/L	50.0	102%	80 - 127	0.2	17	8111184		11/10/08 03:51
1,2-Dibromo-3-chloropropane		43.5	MNR1	ug/L	50.0	87%	60 - 136	2	29	8111184		11/10/08 03:51
1,2-Dibromoethane (EDB)		52.8	MNR1	ug/L	50.0	106%	80 - 125	0.2	21	8111184		11/10/08 03:51
Dibromomethane		49.4	MNR1	ug/L	50.0	99%	80 - 124	0.6	20	8111184		11/10/08 03:51
1,4-Dichlorobenzene		46.2	MNR1	ug/L	50.0	92%	80 - 120	0.8	19	8111184		11/10/08 03:51
1,3-Dichlorobenzene		46.7	MNR1	ug/L	50.0	93%	80 - 123	2	18	8111184		11/10/08 03:51
1,2-Dichlorobenzene		48.9	MNR1	ug/L	50.0	98%	80 - 122	0.04	23	8111184		11/10/08 03:51
Dichlorodifluoromethane		36.8	MNR1	ug/L	50.0	74%	36 - 120	5	14	8111184		11/10/08 03:51
1,1-Dichloroethane		50.5	MNR1	ug/L	50.0	101%	76 - 130	3	15	8111184		11/10/08 03:51
1,2-Dichloroethane		50.0	MNR1	ug/L	50.0	100%	69 - 136	1	26	8111184		11/10/08 03:51
cis-1,2-Dichloroethene		51.1	MNR1	ug/L	50.0	102%	80 - 129	3	14	8111184		11/10/08 03:51
1,1-Dichloroethene		50.3	MNR1	ug/L	50.0	101%	80 - 127	5	26	8111184		11/10/08 03:51
trans-1,2-Dichloroethene		51.9	MNR1	ug/L	50.0	104%	80 - 131	5	14	8111184		11/10/08 03:51
1,3-Dichloropropane		52.7	MNR1	ug/L	50.0	105%	80 - 122	0.8	21	8111184		11/10/08 03:51
1,2-Dichloropropane		48.2	MNR1	ug/L	50.0	96%	80 - 120	2	16	8111184		11/10/08 03:51
2,2-Dichloropropane		40.8	MNR1	ug/L	50.0	82%	62 - 142	5	14	8111184		11/10/08 03:51
cis-1,3-Dichloropropene		54.0	MNR1	ug/L	50.0	108%	76 - 135	0.06	19	8111184		11/10/08 03:51
trans-1,3-Dichloropropene		46.0	MNR1	ug/L	50.0	92%	70 - 137	0.3	20	8111184		11/10/08 03:51
1,1-Dichloropropene		49.4	MNR1	ug/L	50.0	99%	80 - 127	4	14	8111184		11/10/08 03:51
Ethylbenzene		50.4	MNR1	ug/L	50.0	101%	80 - 128	3	17	8111184		11/10/08 03:51
Hexachlorobutadiene		48.6	MNR1	ug/L	50.0	97%	68 - 148	0.9	34	8111184		11/10/08 03:51
2-Hexanone		268	MNR1	ug/L	250	107%	69 - 148	1	34	8111184		11/10/08 03:51
Isopropylbenzene		50.2	MNR1	ug/L	50.0	100%	80 - 121	3	18	8111184		11/10/08 03:51
p-Isopropyltoluene		44.3	MNR1	ug/L	50.0	89%	79 - 127	0.3	17	8111184		11/10/08 03:51
Methyl tert-Butyl Ether		51.9	MNR1	ug/L	50.0	104%	70 - 129	0.4	32	8111184		11/10/08 03:51
Methylene Chloride		48.4	MNR1	ug/L	50.0	97%	76 - 135	3	18	8111184		11/10/08 03:51
4-Methyl-2-pentanone		264	MNR1	ug/L	250	106%	67 - 143	3	31	8111184		11/10/08 03:51

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111184-BSD1												
Naphthalene		50.0	MNR1	ug/L	50.0	100%	62 - 141	5	39	8111184		11/10/08 03:51
n-Propylbenzene		51.9	MNR1	ug/L	50.0	104%	80 - 132	0.8	17	8111184		11/10/08 03:51
Styrene		54.6	MNR1	ug/L	50.0	109%	80 - 139	2	16	8111184		11/10/08 03:51
1,1,1,2-Tetrachloroethane		45.8	MNR1	ug/L	50.0	92%	80 - 135	3	17	8111184		11/10/08 03:51
1,1,2,2-Tetrachloroethane		52.1	MNR1	ug/L	50.0	104%	65 - 145	3	28	8111184		11/10/08 03:51
Tetrachloroethene		47.6	MNR1	ug/L	50.0	95%	80 - 125	2	27	8111184		11/10/08 03:51
Toluene		49.3	MNR1	ug/L	50.0	99%	80 - 125	1	19	8111184		11/10/08 03:51
1,2,3-Trichlorobenzene		50.5	MNR1	ug/L	50.0	101%	57 - 144	4	31	8111184		11/10/08 03:51
1,2,4-Trichlorobenzene		49.0	MNR1	ug/L	50.0	98%	60 - 140	3	26	8111184		11/10/08 03:51
1,1,2-Trichloroethane		54.2	MNR1	ug/L	50.0	108%	80 - 122	0.2	21	8111184		11/10/08 03:51
1,1,1-Trichloroethane		49.6	MNR1	ug/L	50.0	99%	80 - 131	4	16	8111184		11/10/08 03:51
Trichloroethene		46.9	MNR1	ug/L	50.0	94%	80 - 131	4	28	8111184		11/10/08 03:51
Trichlorofluoromethane		43.3	MNR1	ug/L	50.0	87%	68 - 125	4	20	8111184		11/10/08 03:51
1,2,3-Trichloropropane		47.0	MNR1	ug/L	50.0	94%	60 - 127	0.06	26	8111184		11/10/08 03:51
1,3,5-Trimethylbenzene		53.6	MNR1	ug/L	50.0	107%	80 - 129	0.06	16	8111184		11/10/08 03:51
1,2,4-Trimethylbenzene		47.8	MNR1	ug/L	50.0	96%	80 - 128	1	22	8111184		11/10/08 03:51
Vinyl chloride		48.0	MNR1	ug/L	50.0	96%	69 - 120	6	26	8111184		11/10/08 03:51
Xylenes, total		154	MNR1	ug/L	150	103%	80 - 129	2	18	8111184		11/10/08 03:51
Surrogate: 1,2-Dichloroethane-d4		30.7		ug/L	30.0	102%	60 - 140			8111184		11/10/08 03:51
Surrogate: Dibromofluoromethane		30.9		ug/L	30.0	103%	75 - 124			8111184		11/10/08 03:51
Surrogate: Toluene-d8		31.5		ug/L	30.0	105%	78 - 121			8111184		11/10/08 03:51
Surrogate: 4-Bromofluorobenzene		32.7		ug/L	30.0	109%	79 - 124			8111184		11/10/08 03:51

Client MACTEC Engineering & Consulting, Inc. (4997)
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Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time

General Chemistry Parameters

8111260-MS1

Total Organic Carbon	2.22	25.6		ug/mL	20.0	117%	77 - 128	8111260	NRK0500-01	11/10/08 06:28

Methane, Ethane, and Ethene by GC

8111093-MS1

Ethene	ND	2160		ug/L	2340	92%	66 - 121	8111093	NRK0508-01	11/14/08 10:00
Methane	ND	1280		ug/L	1330	96%	62 - 145	8111093	NRK0508-01	11/14/08 10:00
Surrogate: Acetylene		2030		ug/L	2160	94%	74 - 120	8111093	NRK0508-01	11/14/08 10:00
Surrogate: Acetylene		2030		ug/L	2160	94%	74 - 120	8111093	NRK0508-01	11/14/08 10:00

Volatile Organic Compounds by EPA Method 8260B

8111178-MS1

Acetone	1.37	256		ug/L	250	102%	55 - 148	8111178	NRK0516-04R E1	11/10/08 01:28
Benzene	ND	54.9		ug/L	50.0	110%	68 - 143	8111178	NRK0516-04R E1	11/10/08 01:28
Bromobenzene	ND	56.9		ug/L	50.0	114%	65 - 140	8111178	NRK0516-04R E1	11/10/08 01:28
Bromochloromethane	ND	54.3		ug/L	50.0	109%	80 - 137	8111178	NRK0516-04R E1	11/10/08 01:28
Bromodichloromethane	ND	61.1		ug/L	50.0	122%	80 - 132	8111178	NRK0516-04R E1	11/10/08 01:28
Bromoform	ND	46.9		ug/L	50.0	94%	67 - 123	8111178	NRK0516-04R E1	11/10/08 01:28
Bromomethane	ND	49.5		ug/L	50.0	99%	39 - 166	8111178	NRK0516-04R E1	11/10/08 01:28
2-Butanone	ND	263		ug/L	250	105%	50 - 154	8111178	NRK0516-04R E1	11/10/08 01:28
sec-Butylbenzene	ND	59.6		ug/L	50.0	119%	73 - 142	8111178	NRK0516-04R E1	11/10/08 01:28
n-Butylbenzene	ND	60.2		ug/L	50.0	120%	64 - 147	8111178	NRK0516-04R E1	11/10/08 01:28
tert-Butylbenzene	ND	60.3		ug/L	50.0	121%	70 - 148	8111178	NRK0516-04R E1	11/10/08 01:28
Carbon disulfide	ND	62.0		ug/L	50.0	124%	79 - 147	8111178	NRK0516-04R E1	11/10/08 01:28
Carbon Tetrachloride	ND	59.8		ug/L	50.0	120%	62 - 165	8111178	NRK0516-04R E1	11/10/08 01:28
Chlorobenzene	ND	53.4		ug/L	50.0	107%	67 - 140	8111178	NRK0516-04R E1	11/10/08 01:28
Chlorodibromomethane	ND	49.8		ug/L	50.0	100%	72 - 123	8111178	NRK0516-04R E1	11/10/08 01:28
Chloroethane	ND	56.4		ug/L	50.0	113%	74 - 151	8111178	NRK0516-04R E1	11/10/08 01:28
Chloroform	ND	53.9		ug/L	50.0	108%	59 - 152	8111178	NRK0516-04R E1	11/10/08 01:28

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Received: 11/07/08 08:15

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										
8111178-MS1										
Chloromethane	ND	38.1		ug/L	50.0	76%	33 - 138	8111178	NRK0516-04R E1	11/10/08 01:28
2-Chlorotoluene	ND	59.0		ug/L	50.0	118%	76 - 134	8111178	NRK0516-04R E1	11/10/08 01:28
4-Chlorotoluene	ND	56.8		ug/L	50.0	114%	80 - 133	8111178	NRK0516-04R E1	11/10/08 01:28
1,2-Dibromo-3-chloropropane	ND	42.8		ug/L	50.0	86%	60 - 136	8111178	NRK0516-04R E1	11/10/08 01:28
1,2-Dibromoethane (EDB)	ND	56.8		ug/L	50.0	114%	80 - 132	8111178	NRK0516-04R E1	11/10/08 01:28
Dibromomethane	ND	54.6		ug/L	50.0	109%	79 - 131	8111178	NRK0516-04R E1	11/10/08 01:28
1,4-Dichlorobenzene	ND	50.3		ug/L	50.0	101%	80 - 126	8111178	NRK0516-04R E1	11/10/08 01:28
1,3-Dichlorobenzene	ND	51.9		ug/L	50.0	104%	75 - 132	8111178	NRK0516-04R E1	11/10/08 01:28
1,2-Dichlorobenzene	ND	53.1		ug/L	50.0	106%	80 - 130	8111178	NRK0516-04R E1	11/10/08 01:28
Dichlorodifluoromethane	ND	46.6		ug/L	50.0	93%	36 - 146	8111178	NRK0516-04R E1	11/10/08 01:28
1,1-Dichloroethane	ND	58.4		ug/L	50.0	117%	76 - 131	8111178	NRK0516-04R E1	11/10/08 01:28
1,2-Dichloroethane	ND	55.2		ug/L	50.0	110%	53 - 146	8111178	NRK0516-04R E1	11/10/08 01:28
cis-1,2-Dichloroethene	16.3	75.2		ug/L	50.0	118%	76 - 141	8111178	NRK0516-04R E1	11/10/08 01:28
1,1-Dichloroethene	ND	60.2		ug/L	50.0	120%	63 - 157	8111178	NRK0516-04R E1	11/10/08 01:28
trans-1,2-Dichloroethene	1.02	61.2		ug/L	50.0	120%	78 - 137	8111178	NRK0516-04R E1	11/10/08 01:28
1,3-Dichloropropane	ND	57.4		ug/L	50.0	115%	76 - 130	8111178	NRK0516-04R E1	11/10/08 01:28
1,2-Dichloropropane	ND	53.1		ug/L	50.0	106%	77 - 128	8111178	NRK0516-04R E1	11/10/08 01:28
2,2-Dichloropropane	ND	52.8		ug/L	50.0	106%	62 - 145	8111178	NRK0516-04R E1	11/10/08 01:28
cis-1,3-Dichloropropene	ND	59.7		ug/L	50.0	119%	71 - 140	8111178	NRK0516-04R E1	11/10/08 01:28
trans-1,3-Dichloropropene	ND	49.3		ug/L	50.0	99%	65 - 137	8111178	NRK0516-04R E1	11/10/08 01:28
1,1-Dichloropropene	ND	57.6		ug/L	50.0	115%	80 - 136	8111178	NRK0516-04R E1	11/10/08 01:28
Ethylbenzene	ND	58.2		ug/L	50.0	116%	80 - 135	8111178	NRK0516-04R E1	11/10/08 01:28
Hexachlorobutadiene	ND	53.7		ug/L	50.0	107%	48 - 155	8111178	NRK0516-04R E1	11/10/08 01:28
2-Hexanone	ND	292		ug/L	250	117%	58 - 154	8111178	NRK0516-04R E1	11/10/08 01:28

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8111178-MS1										
Isopropylbenzene	ND	58.5		ug/L	50.0	117%	80 - 135	8111178	NRK0516-04R E1	11/10/08 01:28
p-Isopropyltoluene	ND	49.3		ug/L	50.0	99%	74 - 139	8111178	NRK0516-04R E1	11/10/08 01:28
Methyl tert-Butyl Ether	ND	53.6		ug/L	50.0	107%	60 - 144	8111178	NRK0516-04R E1	11/10/08 01:28
Methylene Chloride	ND	53.5		ug/L	50.0	107%	64 - 140	8111178	NRK0516-04R E1	11/10/08 01:28
4-Methyl-2-pentanone	ND	289		ug/L	250	116%	55 - 153	8111178	NRK0516-04R E1	11/10/08 01:28
Naphthalene	ND	41.7		ug/L	50.0	83%	50 - 154	8111178	NRK0516-04R E1	11/10/08 01:28
n-Propylbenzene	ND	58.8		ug/L	50.0	118%	78 - 141	8111178	NRK0516-04R E1	11/10/08 01:28
Styrene	ND	61.2		ug/L	50.0	122%	80 - 139	8111178	NRK0516-04R E1	11/10/08 01:28
1,1,1,2-Tetrachloroethane	ND	50.3		ug/L	50.0	101%	75 - 140	8111178	NRK0516-04R E1	11/10/08 01:28
1,1,2,2-Tetrachloroethane	ND	55.8		ug/L	50.0	112%	55 - 152	8111178	NRK0516-04R E1	11/10/08 01:28
Tetrachloroethene	ND	55.1		ug/L	50.0	110%	67 - 150	8111178	NRK0516-04R E1	11/10/08 01:28
Toluene	ND	56.7		ug/L	50.0	113%	75 - 139	8111178	NRK0516-04R E1	11/10/08 01:28
1,2,3-Trichlorobenzene	ND	43.6		ug/L	50.0	87%	49 - 144	8111178	NRK0516-04R E1	11/10/08 01:28
1,2,4-Trichlorobenzene	ND	48.0		ug/L	50.0	96%	55 - 135	8111178	NRK0516-04R E1	11/10/08 01:28
1,1,2-Trichloroethane	ND	59.6		ug/L	50.0	119%	77 - 128	8111178	NRK0516-04R E1	11/10/08 01:28
1,1,1-Trichloroethane	ND	56.9		ug/L	50.0	114%	80 - 136	8111178	NRK0516-04R E1	11/10/08 01:28
Trichloroethene	15.1	68.5		ug/L	50.0	107%	57 - 158	8111178	NRK0516-04R E1	11/10/08 01:28
Trichlorofluoromethane	ND	59.8		ug/L	50.0	120%	68 - 145	8111178	NRK0516-04R E1	11/10/08 01:28
1,2,3-Trichloropropane	ND	49.8		ug/L	50.0	100%	55 - 137	8111178	NRK0516-04R E1	11/10/08 01:28
1,3,5-Trimethylbenzene	ND	59.3		ug/L	50.0	119%	78 - 136	8111178	NRK0516-04R E1	11/10/08 01:28
1,2,4-Trimethylbenzene	ND	53.0		ug/L	50.0	106%	70 - 143	8111178	NRK0516-04R E1	11/10/08 01:28
Vinyl chloride	ND	61.6		ug/L	50.0	123%	49 - 156	8111178	NRK0516-04R E1	11/10/08 01:28
Xylenes, total	ND	177		ug/L	150	118%	80 - 136	8111178	NRK0516-04R E1	11/10/08 01:28
Surrogate: 1,2-Dichloroethane-d4		31.4		ug/L	30.0	105%	60 - 140	8111178	NRK0516-04R E1	11/10/08 01:28

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

Work Order: NRK0516
 Project Name: Former Taylor Instruments
 Project Number: [none]
 Received: 11/07/08 08:15

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										
8111178-MS1										
<i>Surrogate: Dibromofluoromethane</i>		31.0		ug/L	30.0	103%	75 - 124	8111178	NRK0516-04R E1	11/10/08 01:28
<i>Surrogate: Toluene-d8</i>		31.8		ug/L	30.0	106%	78 - 121	8111178	NRK0516-04R E1	11/10/08 01:28
<i>Surrogate: 4-Bromofluorobenzene</i>		32.1		ug/L	30.0	107%	79 - 124	8111178	NRK0516-04R E1	11/10/08 01:28

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time

General Chemistry Parameters

8111260-MSD1

Total Organic Carbon	2.22	25.5		ug/mL	20.0	116%	77 - 128	0.6	20	8111260	NRK0500-01	11/10/08 06:28

Methane, Ethane, and Ethene by GC

8111093-MSD1

Ethene	ND	2310		ug/L	2340	99%	66 - 121	7	28	8111093	NRK0508-01	11/14/08 10:03
Methane	ND	1410		ug/L	1330	106%	62 - 145	10	25	8111093	NRK0508-01	11/14/08 10:03
Surrogate: Acetylene		2170		ug/L	2160	100%	74 - 120			8111093	NRK0508-01	11/14/08 10:03
Surrogate: Acetylene		2170		ug/L	2160	100%	74 - 120			8111093	NRK0508-01	11/14/08 10:03

Volatile Organic Compounds by EPA Method 8260B

8111178-MSD1

Acetone	1.37	290		ug/L	250	115%	55 - 148	12	29	8111178	NRK0516-04R E1	11/10/08 01:57
Benzene	ND	59.0		ug/L	50.0	118%	68 - 143	7	23	8111178	NRK0516-04R E1	11/10/08 01:57
Bromobenzene	ND	60.2		ug/L	50.0	120%	65 - 140	6	18	8111178	NRK0516-04R E1	11/10/08 01:57
Bromochloromethane	ND	57.6		ug/L	50.0	115%	80 - 137	6	18	8111178	NRK0516-04R E1	11/10/08 01:57
Bromodichloromethane	ND	66.0		ug/L	50.0	132%	80 - 132	8	18	8111178	NRK0516-04R E1	11/10/08 01:57
Bromoform	ND	49.8		ug/L	50.0	100%	67 - 123	6	24	8111178	NRK0516-04R E1	11/10/08 01:57
Bromomethane	ND	50.6		ug/L	50.0	101%	39 - 166	2	45	8111178	NRK0516-04R E1	11/10/08 01:57
2-Butanone	ND	287		ug/L	250	115%	50 - 154	9	36	8111178	NRK0516-04R E1	11/10/08 01:57
sec-Butylbenzene	ND	63.5		ug/L	50.0	127%	73 - 142	6	17	8111178	NRK0516-04R E1	11/10/08 01:57
n-Butylbenzene	ND	64.5		ug/L	50.0	129%	64 - 147	7	18	8111178	NRK0516-04R E1	11/10/08 01:57
tert-Butylbenzene	ND	64.0		ug/L	50.0	128%	70 - 148	6	17	8111178	NRK0516-04R E1	11/10/08 01:57
Carbon disulfide	ND	67.7		ug/L	50.0	135%	79 - 147	9	16	8111178	NRK0516-04R E1	11/10/08 01:57
Carbon Tetrachloride	ND	66.0		ug/L	50.0	132%	62 - 165	10	29	8111178	NRK0516-04R E1	11/10/08 01:57
Chlorobenzene	ND	56.4		ug/L	50.0	113%	67 - 140	5	27	8111178	NRK0516-04R E1	11/10/08 01:57
Chlorodibromomethane	ND	53.7		ug/L	50.0	107%	72 - 123	8	21	8111178	NRK0516-04R E1	11/10/08 01:57
Chloroethane	ND	60.9		ug/L	50.0	122%	74 - 151	8	32	8111178	NRK0516-04R E1	11/10/08 01:57
Chloroform	ND	58.0		ug/L	50.0	116%	59 - 152	7	28	8111178	NRK0516-04R E1	11/10/08 01:57
Chloromethane	ND	42.4		ug/L	50.0	85%	33 - 138	11	21	8111178	NRK0516-04R E1	11/10/08 01:57
2-Chlorotoluene	ND	62.3		ug/L	50.0	125%	76 - 134	5	16	8111178	NRK0516-04R E1	11/10/08 01:57

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111178-MSD1												
4-Chlorotoluene	ND	59.9		ug/L	50.0	120%	80 - 133	5	17	8111178	NRK0516-04R E1	11/10/08 01:57
1,2-Dibromo-3-chloropropane	ND	48.7		ug/L	50.0	97%	60 - 136	13	29	8111178	NRK0516-04R E1	11/10/08 01:57
1,2-Dibromoethane (EDB)	ND	60.6		ug/L	50.0	121%	80 - 132	6	21	8111178	NRK0516-04R E1	11/10/08 01:57
Dibromomethane	ND	58.1		ug/L	50.0	116%	79 - 131	6	20	8111178	NRK0516-04R E1	11/10/08 01:57
1,4-Dichlorobenzene	ND	53.0		ug/L	50.0	106%	80 - 126	5	19	8111178	NRK0516-04R E1	11/10/08 01:57
1,3-Dichlorobenzene	ND	55.3		ug/L	50.0	111%	75 - 132	6	18	8111178	NRK0516-04R E1	11/10/08 01:57
1,2-Dichlorobenzene	ND	56.6		ug/L	50.0	113%	80 - 130	6	23	8111178	NRK0516-04R E1	11/10/08 01:57
Dichlorodifluoromethane	ND	48.1		ug/L	50.0	96%	36 - 146	3	14	8111178	NRK0516-04R E1	11/10/08 01:57
1,1-Dichloroethane	ND	62.2		ug/L	50.0	124%	76 - 131	6	15	8111178	NRK0516-04R E1	11/10/08 01:57
1,2-Dichloroethane	ND	59.1		ug/L	50.0	118%	53 - 146	7	26	8111178	NRK0516-04R E1	11/10/08 01:57
cis-1,2-Dichloroethene	16.3	81.5		ug/L	50.0	130%	76 - 141	8	14	8111178	NRK0516-04R E1	11/10/08 01:57
1,1-Dichloroethene	ND	65.4		ug/L	50.0	131%	63 - 157	8	26	8111178	NRK0516-04R E1	11/10/08 01:57
trans-1,2-Dichloroethene	1.02	66.0		ug/L	50.0	130%	78 - 137	8	14	8111178	NRK0516-04R E1	11/10/08 01:57
1,3-Dichloropropane	ND	60.4		ug/L	50.0	121%	76 - 130	5	21	8111178	NRK0516-04R E1	11/10/08 01:57
1,2-Dichloropropane	ND	57.1		ug/L	50.0	114%	77 - 128	7	16	8111178	NRK0516-04R E1	11/10/08 01:57
2,2-Dichloropropane	ND	58.7		ug/L	50.0	117%	62 - 145	11	14	8111178	NRK0516-04R E1	11/10/08 01:57
cis-1,3-Dichloropropene	ND	63.5		ug/L	50.0	127%	71 - 140	6	19	8111178	NRK0516-04R E1	11/10/08 01:57
trans-1,3-Dichloropropene	ND	51.5		ug/L	50.0	103%	65 - 137	4	20	8111178	NRK0516-04R E1	11/10/08 01:57
1,1-Dichloropropene	ND	62.8		ug/L	50.0	126%	80 - 136	9	14	8111178	NRK0516-04R E1	11/10/08 01:57
Ethylbenzene	ND	61.3		ug/L	50.0	123%	80 - 135	5	17	8111178	NRK0516-04R E1	11/10/08 01:57
Hexachlorobutadiene	ND	58.8		ug/L	50.0	118%	48 - 155	9	34	8111178	NRK0516-04R E1	11/10/08 01:57
2-Hexanone	ND	313		ug/L	250	125%	58 - 154	7	34	8111178	NRK0516-04R E1	11/10/08 01:57
Isopropylbenzene	ND	61.7		ug/L	50.0	123%	80 - 135	5	18	8111178	NRK0516-04R E1	11/10/08 01:57
p-Isopropyltoluene	ND	52.5		ug/L	50.0	105%	74 - 139	6	17	8111178	NRK0516-04R E1	11/10/08 01:57
Methyl tert-Butyl Ether	ND	59.1		ug/L	50.0	118%	60 - 144	10	32	8111178	NRK0516-04R E1	11/10/08 01:57
Methylene Chloride	ND	57.8		ug/L	50.0	116%	64 - 140	8	18	8111178	NRK0516-04R E1	11/10/08 01:57

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111178-MSD1												
4-Methyl-2-pentanone	ND	311		ug/L	250	124%	55 - 153	7	31	8111178	NRK0516-04R E1	11/10/08 01:57
Naphthalene	ND	56.2		ug/L	50.0	112%	50 - 154	30	39	8111178	NRK0516-04R E1	11/10/08 01:57
n-Propylbenzene	ND	62.4		ug/L	50.0	125%	78 - 141	6	17	8111178	NRK0516-04R E1	11/10/08 01:57
Styrene	ND	64.6		ug/L	50.0	129%	80 - 139	5	16	8111178	NRK0516-04R E1	11/10/08 01:57
1,1,1,2-Tetrachloroethane	ND	53.4		ug/L	50.0	107%	75 - 140	6	17	8111178	NRK0516-04R E1	11/10/08 01:57
1,1,2,2-Tetrachloroethane	ND	59.4		ug/L	50.0	119%	55 - 152	6	28	8111178	NRK0516-04R E1	11/10/08 01:57
Tetrachloroethene	ND	59.0		ug/L	50.0	118%	67 - 150	7	27	8111178	NRK0516-04R E1	11/10/08 01:57
Toluene	ND	59.6		ug/L	50.0	119%	75 - 139	5	19	8111178	NRK0516-04R E1	11/10/08 01:57
1,2,3-Trichlorobenzene	ND	57.1		ug/L	50.0	114%	49 - 144	27	31	8111178	NRK0516-04R E1	11/10/08 01:57
1,2,4-Trichlorobenzene	ND	56.8		ug/L	50.0	114%	55 - 135	17	26	8111178	NRK0516-04R E1	11/10/08 01:57
1,1,2-Trichloroethane	ND	62.3		ug/L	50.0	125%	77 - 128	4	21	8111178	NRK0516-04R E1	11/10/08 01:57
1,1,1-Trichloroethane	ND	61.9		ug/L	50.0	124%	80 - 136	8	16	8111178	NRK0516-04R E1	11/10/08 01:57
Trichloroethene	15.1	74.5		ug/L	50.0	119%	57 - 158	8	28	8111178	NRK0516-04R E1	11/10/08 01:57
Trichlorofluoromethane	ND	63.7		ug/L	50.0	127%	68 - 145	6	20	8111178	NRK0516-04R E1	11/10/08 01:57
1,2,3-Trichloropropane	ND	53.5		ug/L	50.0	107%	55 - 137	7	26	8111178	NRK0516-04R E1	11/10/08 01:57
1,3,5-Trimethylbenzene	ND	62.8		ug/L	50.0	126%	78 - 136	6	16	8111178	NRK0516-04R E1	11/10/08 01:57
1,2,4-Trimethylbenzene	ND	56.4		ug/L	50.0	113%	70 - 143	6	22	8111178	NRK0516-04R E1	11/10/08 01:57
Vinyl chloride	ND	67.9		ug/L	50.0	136%	49 - 156	10	26	8111178	NRK0516-04R E1	11/10/08 01:57
Xylenes, total	ND	187		ug/L	150	125%	80 - 136	5	18	8111178	NRK0516-04R E1	11/10/08 01:57
Surrogate: 1,2-Dichloroethane-d4		31.0		ug/L	30.0	104%	60 - 140			8111178	NRK0516-04R E1	11/10/08 01:57
Surrogate: Dibromofluoromethane		31.1		ug/L	30.0	104%	75 - 124			8111178	NRK0516-04R E1	11/10/08 01:57
Surrogate: Toluene-d8		31.4		ug/L	30.0	105%	78 - 121			8111178	NRK0516-04R E1	11/10/08 01:57
Surrogate: 4-Bromofluorobenzene		31.8		ug/L	30.0	106%	79 - 124			8111178	NRK0516-04R E1	11/10/08 01:57

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	New York
RSK 175	Water	N/A	X	
SM 4500CO2 C	Water	N/A		
SM5310 B	Water		X	X
SW846 8260B	Water	N/A	X	X

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1725 Louisville Drive
Knoxville, TN 37921
Attn Joe Deatherage

Work Order: NRK0516
Project Name: Former Taylor Instruments
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Received: 11/07/08 08:15

NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SM 4500CO2 C	Water	Carbon Dioxide

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

Work Order: NRK0516
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

DATA QUALIFIERS AND DEFINITIONS

HTI The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER REC



Cooler Received/Opened On 11/7/08 @ 8:15

NRK0516

1. Tracking # 4701 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 4.2 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 (initial) an

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 # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) an

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 (initial) an

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 (initial) an

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

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 51263

Extra samples

BR-03

11/4/08

BR-01

11/3/08

OB-7 (MS/MSD)

11/5/08

BR-11

11/5/08

BR-07

11/3/08

BR-11 (OUP)

11/5/08

Client: MACTEC Engineering & Consulting, Inc. (4997)

Address: ~~4726 Louisville Drive~~ 9725 Cordell Road

City, State, Zip: Knoxville TN 37932

Client Invoice Contact: Accounts Payable

Client Project Mgr: Joe Deatherage

Client Telephone#: (865) 588-8544

Fax: (865) 588-8026

Sampler Name (Print) Joe Deatherage

Sampler Signature: *Joe Deatherage*

Regulatory District (CA):

City, State, Zip: New York

TA Account #: 63036

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

Report to: Joe Deatherage

Project Name: Former Taylor Instruments

Facility ID: [none]

Site Address:

PO #: ~~Met-hse 200~~ 63036

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	Preservative					Groundwater	Wastewater	Drinking Water	Sludge	Soil	(Specify) Other	Analyze for					RUSH TAT (Pre Schedule) *	
									(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Label) Glass H2SO4	(Red Label) HNO3							(Black Label) None	8260B Volatile Organics	Carbon Dioxide SM 1500CO2C	RSK-175 Ethene	RSK-175 Methane		TOC SM5310 B
OB-05	11-6-08	0857	3	X					X	X	X	X	X	X			012345			X						
BA-1S		0858	3	X					X	X	X	X	X	X						X						
BA-04		1007	3	X					X	X	X	X	X	X						X						
BA-05		1014	3	X					X	X	X	X	X	X						X						
BA-05 (MS)		1016	3	X					X	X	X	X	X	X						X						
BA-05 (MSD)		1018	3	X					X	X	X	X	X	X						X						
OB-08		1137	3	X					X	X	X	X	X	X						X						
W-5		1158	3	X					X	X	X	X	X	X						X						
W-5 (cap)		1157	3	X					X	X	X	X	X	X						X						
OB-04		1340	3	X					X	X	X	X	X	X						X						
Matrix spike Matrix spikeduplicate																										

Matrix spike
Matrix spiked plate

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 # 10139

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:			
<i>Joe Deatherage</i>	11-6-08	1600									
Shipped Via:	Shipped Via:										
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact?	Y	N	VOCs Free of Headpace?	Y	N	QC Deliverables (Please Circle One):	Date Due of Report:
<i>Labelf</i>	11/7/08	8:15	4.2							Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Handwritten	1708	8.11	accept:	7.6	VOCs free of Headspace? Y N	Project Manager or attach specific instructions)

November 14, 2008 4:06:42PM

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Nbr: [none]
P/O Nbr: 200820526
Date Received: 11/07/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
BR-07	NRK0594-01	11/04/08 10:00
BR-01	NRK0594-02	11/04/08 11:50
TW-20	NRK0594-03	11/04/08 13:20
BR-02	NRK0594-04	11/04/08 14:28
TW-07	NRK0594-05	11/04/08 13:55
TW-04	NRK0594-06	11/04/08 15:39
BR-03	NRK0594-07	11/04/08 16:25
QATB01	NRK0594-08	11/04/08 16:35
QAFB01	NRK0594-09	11/04/08 16:40
QARB01	NRK0594-10	11/04/08 16:50
BR-17	NRK0594-11	11/05/08 08:41
BR-08	NRK0594-12	11/05/08 09:25
BR-11	NRK0594-13	11/05/08 10:50
BR-11 (Dup)	NRK0594-14	11/05/08 10:55
BR-06	NRK0594-15	11/05/08 12:44
BR-09	NRK0594-16	11/05/08 13:55
OB-07 Ms/MSD	NRK0594-17	11/05/08 14:34
OB-06	NRK0594-18	11/05/08 13:30
TW-17	NRK0594-19	11/05/08 16:13
BR-10	NRK0594-20	11/05/08 15:50
OB-09	NRK0594-21	11/05/08 17:05

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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The Chain(s) of Custody, 5 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.

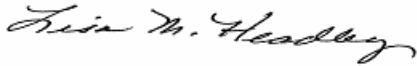
Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15



Lisa Headley

Senior Project Manager

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-01 (BR-07 - Ground Water) Sampled: 11/04/08 10:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 05:25	SW846 8260B	8111174
Benzene	2.74		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 05:25	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
cis-1,2-Dichloroethene	7.98		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
trans-1,2-Dichloroethene	10.4		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 05:25	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-01 (BR-07 - Ground Water) - cont. Sampled: 11/04/08 10:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 05:25	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 05:25	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 05:25	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Trichloroethene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Vinyl chloride	23.1		ug/L	1.00	1	11/09/08 05:25	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 05:25	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>90 %</i>					<i>11/09/08 05:25</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>100 %</i>					<i>11/09/08 05:25</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 05:25</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/09/08 05:25</i>	<i>SW846 8260B</i>	<i>8111174</i>

Sample ID: NRK0594-02 (BR-01 - Ground Water) Sampled: 11/04/08 11:50

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 05:51	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 05:51	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-02 (BR-01 - Ground Water) - cont. Sampled: 11/04/08 11:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
cis-1,2-Dichloroethene	98.7		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
trans-1,2-Dichloroethene	2.23		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 05:51	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 05:51	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 05:51	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 05:51	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Trichloroethene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-02 (BR-01 - Ground Water) - cont. Sampled: 11/04/08 11:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 05:51	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 05:51	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>93 %</i>					<i>11/09/08 05:51</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>97 %</i>					<i>11/09/08 05:51</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 05:51</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/09/08 05:51</i>	<i>SW846 8260B</i>	<i>8111174</i>

Sample ID: NRK0594-03 (TW-20 - Ground Water) Sampled: 11/04/08 13:20

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 06:16	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 06:16	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
cis-1,2-Dichloroethene	3.47		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-03 (TW-20 - Ground Water) - cont. Sampled: 11/04/08 13:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 06:16	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 06:16	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 06:16	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 06:16	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Trichloroethene	23.0		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 06:16	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 06:16	SW846 8260B	8111174
Surr: 1,2-Dichloroethane-d4 (60-140%)	91 %					11/09/08 06:16	SW846 8260B	8111174
Surr: Dibromofluoromethane (75-124%)	97 %					11/09/08 06:16	SW846 8260B	8111174
Surr: Toluene-d8 (78-121%)	99 %					11/09/08 06:16	SW846 8260B	8111174
Surr: 4-Bromofluorobenzene (79-124%)	110 %					11/09/08 06:16	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-04 (BR-02 - Ground Water) Sampled: 11/04/08 14:28								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 06:42	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 06:42	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
cis-1,2-Dichloroethene	48.1		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
trans-1,2-Dichloroethene	11.4		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 06:42	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-04 (BR-02 - Ground Water) - cont. Sampled: 11/04/08 14:28								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 06:42	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 06:42	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 06:42	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Trichloroethene	90.9		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Vinyl chloride	1.54		ug/L	1.00	1	11/09/08 06:42	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 06:42	SW846 8260B	8111174
Surr: 1,2-Dichloroethane-d4 (60-140%)	92 %					11/09/08 06:42	SW846 8260B	8111174
Surr: Dibromofluoromethane (75-124%)	98 %					11/09/08 06:42	SW846 8260B	8111174
Surr: Toluene-d8 (78-121%)	101 %					11/09/08 06:42	SW846 8260B	8111174
Surr: 4-Bromofluorobenzene (79-124%)	109 %					11/09/08 06:42	SW846 8260B	8111174

Sample ID: NRK0594-05 (TW-07 - Ground Water) Sampled: 11/04/08 13:55

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 07:07	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 07:07	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
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Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-05 (TW-07 - Ground Water) - cont. Sampled: 11/04/08 13:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
cis-1,2-Dichloroethene	1.02		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
trans-1,2-Dichloroethene	1.09		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 07:07	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 07:07	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 07:07	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 07:07	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Trichloroethene	7.06		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-05 (TW-07 - Ground Water) - cont. Sampled: 11/04/08 13:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 07:07	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 07:07	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>94 %</i>					<i>11/09/08 07:07</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>100 %</i>					<i>11/09/08 07:07</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 07:07</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>11/09/08 07:07</i>	<i>SW846 8260B</i>	<i>8111174</i>
Sample ID: NRK0594-06 (TW-04 - Ground Water) Sampled: 11/04/08 15:39								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 07:33	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 07:33	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-06 (TW-04 - Ground Water) - cont. Sampled: 11/04/08 15:39								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 07:33	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 07:33	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 07:33	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 07:33	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Trichloroethene	21.3		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 07:33	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 07:33	SW846 8260B	8111174
Surr: 1,2-Dichloroethane-d4 (60-140%)	93 %					11/09/08 07:33	SW846 8260B	8111174
Surr: Dibromofluoromethane (75-124%)	98 %					11/09/08 07:33	SW846 8260B	8111174
Surr: Toluene-d8 (78-121%)	99 %					11/09/08 07:33	SW846 8260B	8111174
Surr: 4-Bromofluorobenzene (79-124%)	96 %					11/09/08 07:33	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-07 (BR-03 - Ground Water) Sampled: 11/04/08 16:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 07:59	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 07:59	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
cis-1,2-Dichloroethene	4.61		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 07:59	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-07 (BR-03 - Ground Water) - cont. Sampled: 11/04/08 16:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 07:59	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 07:59	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 07:59	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Trichloroethene	61.8		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 07:59	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 07:59	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>93 %</i>					<i>11/09/08 07:59</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>98 %</i>					<i>11/09/08 07:59</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>100 %</i>					<i>11/09/08 07:59</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>93 %</i>					<i>11/09/08 07:59</i>	<i>SW846 8260B</i>	<i>8111174</i>

Sample ID: NRK0594-08 (QATB01 - Ground Water) Sampled: 11/04/08 16:35

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 17:37	SW846 8260B	8111147
Benzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Bromobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Bromoform	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Bromomethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
2-Butanone	ND		ug/L	50.0	1	11/09/08 17:37	SW846 8260B	8111147
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Chloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-08 (QATB01 - Ground Water) - cont. Sampled: 11/04/08 16:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Chloromethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Dibromomethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
2-Hexanone	ND		ug/L	50.0	1	11/09/08 17:37	SW846 8260B	8111147
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 17:37	SW846 8260B	8111147
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 17:37	SW846 8260B	8111147
Naphthalene	ND		ug/L	5.00	1	11/09/08 17:37	SW846 8260B	8111147
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Styrene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Toluene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Trichloroethene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-08 (QATB01 - Ground Water) - cont. Sampled: 11/04/08 16:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 17:37	SW846 8260B	8111147
Xylenes, total	ND		ug/L	3.00	1	11/09/08 17:37	SW846 8260B	8111147
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>97 %</i>					<i>11/09/08 17:37</i>	<i>SW846 8260B</i>	<i>8111147</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>11/09/08 17:37</i>	<i>SW846 8260B</i>	<i>8111147</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 17:37</i>	<i>SW846 8260B</i>	<i>8111147</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>112 %</i>					<i>11/09/08 17:37</i>	<i>SW846 8260B</i>	<i>8111147</i>

Sample ID: NRK0594-09 (QAFB01 - Ground Water) Sampled: 11/04/08 16:40

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 04:08	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 04:08	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-09 (QAFB01 - Ground Water) - cont. Sampled: 11/04/08 16:40								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 04:08	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 04:08	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 04:08	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 04:08	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Trichloroethene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 04:08	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 04:08	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>91 %</i>					<i>11/09/08 04:08</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>99 %</i>					<i>11/09/08 04:08</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 04:08</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>92 %</i>					<i>11/09/08 04:08</i>	<i>SW846 8260B</i>	<i>8111174</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-10 (QARB01 - Ground Water) Sampled: 11/04/08 16:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 04:34	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 04:34	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 04:34	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-10 (QARB01 - Ground Water) - cont. Sampled: 11/04/08 16:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 04:34	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 04:34	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 04:34	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Trichloroethene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 04:34	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 04:34	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>92 %</i>					<i>11/09/08 04:34</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>100 %</i>					<i>11/09/08 04:34</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>99 %</i>					<i>11/09/08 04:34</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>93 %</i>					<i>11/09/08 04:34</i>	<i>SW846 8260B</i>	<i>8111174</i>

Sample ID: NRK0594-11 (BR-17 - Ground Water) Sampled: 11/05/08 08:41

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 08:24	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 08:24	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-11 (BR-17 - Ground Water) - cont. Sampled: 11/05/08 08:41								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
cis-1,2-Dichloroethene	6.33		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
trans-1,2-Dichloroethene	1.20		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 08:24	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 08:24	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 08:24	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 08:24	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Trichloroethene	15.4		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-11 (BR-17 - Ground Water) - cont. Sampled: 11/05/08 08:41								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 08:24	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 08:24	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>93 %</i>					<i>11/09/08 08:24</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>97 %</i>					<i>11/09/08 08:24</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>99 %</i>					<i>11/09/08 08:24</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>90 %</i>					<i>11/09/08 08:24</i>	<i>SW846 8260B</i>	<i>8111174</i>
Sample ID: NRK0594-12 (BR-08 - Ground Water) Sampled: 11/05/08 09:25								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 08:50	SW846 8260B	8111174
Benzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Bromobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Bromoform	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Bromomethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
2-Butanone	ND		ug/L	50.0	1	11/09/08 08:50	SW846 8260B	8111174
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Chloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Chloroform	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Chloromethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Dibromomethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
cis-1,2-Dichloroethene	36.2		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
trans-1,2-Dichloroethene	2.43		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-12 (BR-08 - Ground Water) - cont. Sampled: 11/05/08 09:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
2-Hexanone	ND		ug/L	50.0	1	11/09/08 08:50	SW846 8260B	8111174
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 08:50	SW846 8260B	8111174
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 08:50	SW846 8260B	8111174
Naphthalene	ND		ug/L	5.00	1	11/09/08 08:50	SW846 8260B	8111174
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Styrene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Toluene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Trichloroethene	2.09		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Vinyl chloride	2.20		ug/L	1.00	1	11/09/08 08:50	SW846 8260B	8111174
Xylenes, total	ND		ug/L	3.00	1	11/09/08 08:50	SW846 8260B	8111174
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>94 %</i>					<i>11/09/08 08:50</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>98 %</i>					<i>11/09/08 08:50</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>97 %</i>					<i>11/09/08 08:50</i>	<i>SW846 8260B</i>	<i>8111174</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>98 %</i>					<i>11/09/08 08:50</i>	<i>SW846 8260B</i>	<i>8111174</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-13 (BR-11 - Ground Water) Sampled: 11/05/08 10:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 07:12	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 07:12	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
cis-1,2-Dichloroethene	100		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
trans-1,2-Dichloroethene	16.0		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 07:12	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-13 (BR-11 - Ground Water) - cont. Sampled: 11/05/08 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 07:12	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 07:12	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 07:12	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Trichloroethene	31.8		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Vinyl chloride	2.54		ug/L	1.00	1	11/09/08 07:12	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 07:12	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>119 %</i>					<i>11/09/08 07:12</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>104 %</i>					<i>11/09/08 07:12</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>96 %</i>					<i>11/09/08 07:12</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>11/09/08 07:12</i>	<i>SW846 8260B</i>	<i>8112119</i>

Sample ID: NRK0594-14 (BR-11 (Dup) - Ground Water) Sampled: 11/05/08 10:55

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 07:38	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 07:38	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-14 (BR-11 (Dup) - Ground Water) - cont. Sampled: 11/05/08 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
cis-1,2-Dichloroethene	101		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
trans-1,2-Dichloroethene	16.1		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 07:38	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 07:38	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 07:38	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 07:38	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Trichloroethene	30.0		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-14 (BR-11 (Dup) - Ground Water) - cont. Sampled: 11/05/08 10:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Vinyl chloride	2.59		ug/L	1.00	1	11/09/08 07:38	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 07:38	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>118 %</i>					<i>11/09/08 07:38</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 07:38</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>11/09/08 07:38</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/09/08 07:38</i>	<i>SW846 8260B</i>	<i>8112119</i>

Sample ID: NRK0594-15 (BR-06 - Ground Water) Sampled: 11/05/08 12:44

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 08:05	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 08:05	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-15 (BR-06 - Ground Water) - cont. Sampled: 11/05/08 12:44								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 08:05	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 08:05	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 08:05	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 08:05	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Trichloroethene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 08:05	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 08:05	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>117 %</i>					<i>11/09/08 08:05</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 08:05</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>99 %</i>					<i>11/09/08 08:05</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/09/08 08:05</i>	<i>SW846 8260B</i>	<i>8112119</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-16 (BR-09 - Ground Water) Sampled: 11/05/08 13:55								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 08:31	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 08:31	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
cis-1,2-Dichloroethene	28.4		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 08:31	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-16 (BR-09 - Ground Water) - cont. Sampled: 11/05/08 13:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 08:31	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 08:31	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 08:31	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Trichloroethene	3.01		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 08:31	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 08:31	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>117 %</i>					<i>11/09/08 08:31</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 08:31</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>96 %</i>					<i>11/09/08 08:31</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>110 %</i>					<i>11/09/08 08:31</i>	<i>SW846 8260B</i>	<i>8112119</i>

Sample ID: NRK0594-17 (OB-07 Ms/MSD - Ground Water) Sampled: 11/05/08 14:34

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 04:59	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 04:59	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-17 (OB-07 Ms/MSD - Ground Water) - cont. Sampled: 11/05/08 14:34								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 04:59	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 04:59	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 04:59	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 04:59	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Trichloroethene	14.2		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
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Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-17 (OB-07 Ms/MSD - Ground Water) - cont. Sampled: 11/05/08 14:34								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 04:59	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 04:59	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>118 %</i>					<i>11/09/08 04:59</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>107 %</i>					<i>11/09/08 04:59</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>95 %</i>					<i>11/09/08 04:59</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>107 %</i>					<i>11/09/08 04:59</i>	<i>SW846 8260B</i>	<i>8112119</i>

Sample ID: NRK0594-18 (OB-06 - Ground Water) Sampled: 11/05/08 13:30

Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 05:26	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 05:26	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
cis-1,2-Dichloroethene	4.82		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-18 (OB-06 - Ground Water) - cont. Sampled: 11/05/08 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 05:26	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 05:26	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 05:26	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 05:26	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Trichloroethene	89.8		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 05:26	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 05:26	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>117 %</i>					<i>11/09/08 05:26</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>105 %</i>					<i>11/09/08 05:26</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>97 %</i>					<i>11/09/08 05:26</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>109 %</i>					<i>11/09/08 05:26</i>	<i>SW846 8260B</i>	<i>8112119</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-19 (TW-17 - Ground Water) Sampled: 11/05/08 16:13								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 05:52	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 05:52	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
cis-1,2-Dichloroethene	110		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 05:52	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-19 (TW-17 - Ground Water) - cont. Sampled: 11/05/08 16:13								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 05:52	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 05:52	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 05:52	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Trichloroethene	270		ug/L	5.00	5	11/10/08 16:52	SW846 8260B	8112279
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 05:52	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 05:52	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>117 %</i>					<i>11/09/08 05:52</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>114 %</i>					<i>11/10/08 16:52</i>	<i>SW846 8260B</i>	<i>8112279</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>103 %</i>					<i>11/09/08 05:52</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>11/10/08 16:52</i>	<i>SW846 8260B</i>	<i>8112279</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>97 %</i>					<i>11/09/08 05:52</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>96 %</i>					<i>11/10/08 16:52</i>	<i>SW846 8260B</i>	<i>8112279</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/09/08 05:52</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>104 %</i>					<i>11/10/08 16:52</i>	<i>SW846 8260B</i>	<i>8112279</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-20 (BR-10 - Ground Water) Sampled: 11/05/08 15:50								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	11/09/08 06:18	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 06:18	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Chloroform	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
cis-1,2-Dichloroethene	3.02		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 06:18	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-20 (BR-10 - Ground Water) - cont. Sampled: 11/05/08 15:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 06:18	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 06:18	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 06:18	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Trichloroethene	8.44		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 06:18	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 06:18	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>117 %</i>					<i>11/09/08 06:18</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>101 %</i>					<i>11/09/08 06:18</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>97 %</i>					<i>11/09/08 06:18</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>108 %</i>					<i>11/09/08 06:18</i>	<i>SW846 8260B</i>	<i>8112119</i>

Sample ID: NRK0594-21 (OB-09 - Ground Water) Sampled: 11/05/08 17:05

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	11/09/08 06:45	SW846 8260B	8112119
Benzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Bromobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Bromochloromethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Bromodichloromethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Bromoform	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Bromomethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
2-Butanone	ND		ug/L	50.0	1	11/09/08 06:45	SW846 8260B	8112119
sec-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
n-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
tert-Butylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Carbon disulfide	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Carbon Tetrachloride	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Chlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Chlorodibromomethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Chloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-21 (OB-09 - Ground Water) - cont. Sampled: 11/05/08 17:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Chloromethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
2-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
4-Chlorotoluene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Dibromomethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,4-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,3-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2-Dichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Dichlorodifluoromethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2-Dichloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
cis-1,2-Dichloroethene	14.2		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,3-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
2,2-Dichloropropane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1-Dichloropropene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Ethylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Hexachlorobutadiene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
2-Hexanone	ND		ug/L	50.0	1	11/09/08 06:45	SW846 8260B	8112119
Isopropylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
p-Isopropyltoluene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Methylene Chloride	ND		ug/L	5.00	1	11/09/08 06:45	SW846 8260B	8112119
4-Methyl-2-pentanone	ND		ug/L	10.0	1	11/09/08 06:45	SW846 8260B	8112119
Naphthalene	ND		ug/L	5.00	1	11/09/08 06:45	SW846 8260B	8112119
n-Propylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Styrene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Tetrachloroethene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Toluene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1,2-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,1,1-Trichloroethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Trichloroethene	129		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Trichlorofluoromethane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRK0594-21 (OB-09 - Ground Water) - cont. Sampled: 11/05/08 17:05								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Vinyl chloride	ND		ug/L	1.00	1	11/09/08 06:45	SW846 8260B	8112119
Xylenes, total	ND		ug/L	3.00	1	11/09/08 06:45	SW846 8260B	8112119
<i>Surr: 1,2-Dichloroethane-d4 (60-140%)</i>	<i>118 %</i>					<i>11/09/08 06:45</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Dibromofluoromethane (75-124%)</i>	<i>102 %</i>					<i>11/09/08 06:45</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>97 %</i>					<i>11/09/08 06:45</i>	<i>SW846 8260B</i>	<i>8112119</i>
<i>Surr: 4-Bromofluorobenzene (79-124%)</i>	<i>106 %</i>					<i>11/09/08 06:45</i>	<i>SW846 8260B</i>	<i>8112119</i>

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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

8111147-BLK1

Acetone	<25.0		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Benzene	<0.270		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Bromobenzene	<0.360		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Bromochloromethane	<0.400		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Bromodichloromethane	<0.350		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Bromoform	<0.430		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Bromomethane	<0.420		ug/L	8111147	8111147-BLK1	11/09/08 16:18
2-Butanone	<2.40		ug/L	8111147	8111147-BLK1	11/09/08 16:18
sec-Butylbenzene	<0.140		ug/L	8111147	8111147-BLK1	11/09/08 16:18
n-Butylbenzene	<0.280		ug/L	8111147	8111147-BLK1	11/09/08 16:18
tert-Butylbenzene	<0.330		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Carbon disulfide	<0.380		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Carbon Tetrachloride	<0.350		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Chlorobenzene	<0.180		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Chlorodibromomethane	<0.280		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Chloroethane	<0.450		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Chloroform	<0.280		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Chloromethane	<0.380		ug/L	8111147	8111147-BLK1	11/09/08 16:18
2-Chlorotoluene	<0.300		ug/L	8111147	8111147-BLK1	11/09/08 16:18
4-Chlorotoluene	<0.330		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2-Dibromoethane (EDB)	<0.390		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Dibromomethane	<0.350		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,4-Dichlorobenzene	<0.380		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,3-Dichlorobenzene	<0.350		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2-Dichlorobenzene	<0.500		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Dichlorodifluoromethane	<0.460		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1-Dichloroethane	<0.540		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2-Dichloroethane	<0.370		ug/L	8111147	8111147-BLK1	11/09/08 16:18
cis-1,2-Dichloroethene	<0.390		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1-Dichloroethene	<0.340		ug/L	8111147	8111147-BLK1	11/09/08 16:18
trans-1,2-Dichloroethene	<0.470		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,3-Dichloropropane	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2-Dichloropropane	<0.320		ug/L	8111147	8111147-BLK1	11/09/08 16:18
2,2-Dichloropropane	<0.420		ug/L	8111147	8111147-BLK1	11/09/08 16:18
cis-1,3-Dichloropropene	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
trans-1,3-Dichloropropene	<0.330		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1-Dichloropropene	<0.310		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Ethylbenzene	<0.240		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Hexachlorobutadiene	<0.910		ug/L	8111147	8111147-BLK1	11/09/08 16:18
2-Hexanone	<16.7		ug/L	8111147	8111147-BLK1	11/09/08 16:18

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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

8111147-BLK1

Isopropylbenzene	<0.300		ug/L	8111147	8111147-BLK1	11/09/08 16:18
p-Isopropyltoluene	<0.220		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Methyl tert-Butyl Ether	<0.420		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Methylene Chloride	<0.830		ug/L	8111147	8111147-BLK1	11/09/08 16:18
4-Methyl-2-pentanone	<3.49		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Naphthalene	<0.540		ug/L	8111147	8111147-BLK1	11/09/08 16:18
n-Propylbenzene	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Styrene	<0.330		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Tetrachloroethene	<0.230		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Toluene	<0.280		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2,3-Trichlorobenzene	<0.940		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2,4-Trichlorobenzene	<0.500		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1,2-Trichloroethane	<0.400		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,1,1-Trichloroethane	<0.370		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Trichloroethene	<0.230		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Trichlorofluoromethane	<0.350		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2,3-Trichloropropane	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,3,5-Trimethylbenzene	<0.160		ug/L	8111147	8111147-BLK1	11/09/08 16:18
1,2,4-Trimethylbenzene	<0.170		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Vinyl chloride	<0.290		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Xylenes, total	<0.860		ug/L	8111147	8111147-BLK1	11/09/08 16:18
Surrogate: 1,2-Dichloroethane-d4	91%			8111147	8111147-BLK1	11/09/08 16:18
Surrogate: Dibromofluoromethane	99%			8111147	8111147-BLK1	11/09/08 16:18
Surrogate: Toluene-d8	101%			8111147	8111147-BLK1	11/09/08 16:18
Surrogate: 4-Bromofluorobenzene	96%			8111147	8111147-BLK1	11/09/08 16:18

8111174-BLK1

Acetone	<25.0		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Benzene	<0.270		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Bromobenzene	<0.360		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Bromochloromethane	<0.400		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Bromodichloromethane	<0.350		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Bromoform	<0.430		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Bromomethane	<0.420		ug/L	8111174	8111174-BLK1	11/09/08 03:43
2-Butanone	<2.40		ug/L	8111174	8111174-BLK1	11/09/08 03:43
sec-Butylbenzene	<0.140		ug/L	8111174	8111174-BLK1	11/09/08 03:43
n-Butylbenzene	<0.280		ug/L	8111174	8111174-BLK1	11/09/08 03:43
tert-Butylbenzene	<0.330		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Carbon disulfide	<0.380		ug/L	8111174	8111174-BLK1	11/09/08 03:43

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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						
8111174-BLK1						
Carbon Tetrachloride	<0.350		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Chlorobenzene	<0.180		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Chlorodibromomethane	<0.280		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Chloroethane	<0.450		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Chloroform	<0.280		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Chloromethane	<0.380		ug/L	8111174	8111174-BLK1	11/09/08 03:43
2-Chlorotoluene	<0.300		ug/L	8111174	8111174-BLK1	11/09/08 03:43
4-Chlorotoluene	<0.330		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2-Dibromoethane (EDB)	<0.390		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Dibromomethane	<0.350		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,4-Dichlorobenzene	<0.380		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,3-Dichlorobenzene	<0.350		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2-Dichlorobenzene	<0.500		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Dichlorodifluoromethane	<0.460		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1-Dichloroethane	<0.540		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2-Dichloroethane	<0.370		ug/L	8111174	8111174-BLK1	11/09/08 03:43
cis-1,2-Dichloroethene	<0.390		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1-Dichloroethene	<0.340		ug/L	8111174	8111174-BLK1	11/09/08 03:43
trans-1,2-Dichloroethene	<0.470		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,3-Dichloropropane	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2-Dichloropropane	<0.320		ug/L	8111174	8111174-BLK1	11/09/08 03:43
2,2-Dichloropropane	<0.420		ug/L	8111174	8111174-BLK1	11/09/08 03:43
cis-1,3-Dichloropropene	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
trans-1,3-Dichloropropene	<0.330		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1-Dichloropropene	<0.310		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Ethylbenzene	<0.240		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Hexachlorobutadiene	<0.910		ug/L	8111174	8111174-BLK1	11/09/08 03:43
2-Hexanone	<16.7		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Isopropylbenzene	<0.300		ug/L	8111174	8111174-BLK1	11/09/08 03:43
p-Isopropyltoluene	<0.220		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Methyl tert-Butyl Ether	<0.420		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Methylene Chloride	<0.830		ug/L	8111174	8111174-BLK1	11/09/08 03:43
4-Methyl-2-pentanone	<3.49		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Naphthalene	<0.540		ug/L	8111174	8111174-BLK1	11/09/08 03:43
n-Propylbenzene	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Styrene	<0.330		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Tetrachloroethene	<0.230		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Toluene	<0.280		ug/L	8111174	8111174-BLK1	11/09/08 03:43

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

Volatile Organic Compounds by EPA Method 8260B

8111174-BLK1

1,2,3-Trichlorobenzene	<0.940		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2,4-Trichlorobenzene	<0.500		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1,2-Trichloroethane	<0.400		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,1,1-Trichloroethane	<0.370		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Trichloroethene	<0.230		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Trichlorofluoromethane	<0.350		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2,3-Trichloropropane	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,3,5-Trimethylbenzene	<0.160		ug/L	8111174	8111174-BLK1	11/09/08 03:43
1,2,4-Trimethylbenzene	<0.170		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Vinyl chloride	<0.290		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Xylenes, total	<0.860		ug/L	8111174	8111174-BLK1	11/09/08 03:43
Surrogate: 1,2-Dichloroethane-d4	89%			8111174	8111174-BLK1	11/09/08 03:43
Surrogate: Dibromofluoromethane	98%			8111174	8111174-BLK1	11/09/08 03:43
Surrogate: Toluene-d8	99%			8111174	8111174-BLK1	11/09/08 03:43
Surrogate: 4-Bromofluorobenzene	93%			8111174	8111174-BLK1	11/09/08 03:43

8112119-BLK1

Acetone	<25.0		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Benzene	<0.270		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Bromobenzene	<0.360		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Bromochloromethane	<0.400		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Bromodichloromethane	<0.350		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Bromoform	<0.430		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Bromomethane	<0.420		ug/L	8112119	8112119-BLK1	11/09/08 04:32
2-Butanone	<2.40		ug/L	8112119	8112119-BLK1	11/09/08 04:32
sec-Butylbenzene	<0.140		ug/L	8112119	8112119-BLK1	11/09/08 04:32
n-Butylbenzene	<0.280		ug/L	8112119	8112119-BLK1	11/09/08 04:32
tert-Butylbenzene	<0.330		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Carbon disulfide	<0.380		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Carbon Tetrachloride	<0.350		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Chlorobenzene	<0.180		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Chlorodibromomethane	<0.280		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Chloroethane	<0.450		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Chloroform	<0.280		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Chloromethane	<0.380		ug/L	8112119	8112119-BLK1	11/09/08 04:32
2-Chlorotoluene	<0.300		ug/L	8112119	8112119-BLK1	11/09/08 04:32
4-Chlorotoluene	<0.330		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2-Dibromoethane (EDB)	<0.390		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Dibromomethane	<0.350		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,4-Dichlorobenzene	<0.380		ug/L	8112119	8112119-BLK1	11/09/08 04:32

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

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Project Number: [none]
Received: 11/07/08 08:15

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

8112119-BLK1

1,3-Dichlorobenzene	<0.350		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2-Dichlorobenzene	<0.500		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Dichlorodifluoromethane	<0.460		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1-Dichloroethane	<0.540		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2-Dichloroethane	<0.370		ug/L	8112119	8112119-BLK1	11/09/08 04:32
cis-1,2-Dichloroethene	<0.390		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1-Dichloroethene	<0.340		ug/L	8112119	8112119-BLK1	11/09/08 04:32
trans-1,2-Dichloroethene	<0.470		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,3-Dichloropropane	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2-Dichloropropane	<0.320		ug/L	8112119	8112119-BLK1	11/09/08 04:32
2,2-Dichloropropane	<0.420		ug/L	8112119	8112119-BLK1	11/09/08 04:32
cis-1,3-Dichloropropene	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
trans-1,3-Dichloropropene	<0.330		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1-Dichloropropene	<0.310		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Ethylbenzene	<0.240		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Hexachlorobutadiene	<0.910		ug/L	8112119	8112119-BLK1	11/09/08 04:32
2-Hexanone	<16.7		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Isopropylbenzene	<0.300		ug/L	8112119	8112119-BLK1	11/09/08 04:32
p-Isopropyltoluene	<0.220		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Methyl tert-Butyl Ether	<0.420		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Methylene Chloride	<0.830		ug/L	8112119	8112119-BLK1	11/09/08 04:32
4-Methyl-2-pentanone	<3.49		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Naphthalene	<0.540		ug/L	8112119	8112119-BLK1	11/09/08 04:32
n-Propylbenzene	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Styrene	<0.330		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Tetrachloroethene	<0.230		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Toluene	<0.280		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2,3-Trichlorobenzene	<0.940		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2,4-Trichlorobenzene	<0.500		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1,2-Trichloroethane	<0.400		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,1,1-Trichloroethane	<0.370		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Trichloroethene	<0.230		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Trichlorofluoromethane	<0.350		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2,3-Trichloropropane	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,3,5-Trimethylbenzene	<0.160		ug/L	8112119	8112119-BLK1	11/09/08 04:32
1,2,4-Trimethylbenzene	<0.170		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Vinyl chloride	<0.290		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Xylenes, total	<0.860		ug/L	8112119	8112119-BLK1	11/09/08 04:32
Surrogate: 1,2-Dichloroethane-d4	116%			8112119	8112119-BLK1	11/09/08 04:32

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

Volatile Organic Compounds by EPA Method 8260B

8112119-BLK1

Surrogate: Dibromofluoromethane	105%			8112119	8112119-BLK1	11/09/08 04:32
Surrogate: Toluene-d8	97%			8112119	8112119-BLK1	11/09/08 04:32
Surrogate: 4-Bromofluorobenzene	107%			8112119	8112119-BLK1	11/09/08 04:32

8112279-BLK1

Acetone	<25.0		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Benzene	<0.270		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Bromobenzene	<0.360		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Bromochloromethane	<0.400		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Bromodichloromethane	<0.350		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Bromoform	<0.430		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Bromomethane	<0.420		ug/L	8112279	8112279-BLK1	11/10/08 12:53
2-Butanone	<2.40		ug/L	8112279	8112279-BLK1	11/10/08 12:53
sec-Butylbenzene	<0.140		ug/L	8112279	8112279-BLK1	11/10/08 12:53
n-Butylbenzene	<0.280		ug/L	8112279	8112279-BLK1	11/10/08 12:53
tert-Butylbenzene	<0.330		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Carbon disulfide	<0.380		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Carbon Tetrachloride	<0.350		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Chlorobenzene	<0.180		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Chlorodibromomethane	<0.280		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Chloroethane	<0.450		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Chloroform	<0.280		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Chloromethane	<0.380		ug/L	8112279	8112279-BLK1	11/10/08 12:53
2-Chlorotoluene	<0.300		ug/L	8112279	8112279-BLK1	11/10/08 12:53
4-Chlorotoluene	<0.330		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2-Dibromo-3-chloropropane	<0.860		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2-Dibromoethane (EDB)	<0.390		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Dibromomethane	<0.350		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,4-Dichlorobenzene	<0.380		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,3-Dichlorobenzene	<0.350		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2-Dichlorobenzene	<0.500		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Dichlorodifluoromethane	<0.460		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1-Dichloroethane	<0.540		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2-Dichloroethane	<0.370		ug/L	8112279	8112279-BLK1	11/10/08 12:53
cis-1,2-Dichloroethene	<0.390		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1-Dichloroethene	<0.340		ug/L	8112279	8112279-BLK1	11/10/08 12:53
trans-1,2-Dichloroethene	<0.470		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,3-Dichloropropane	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2-Dichloropropane	<0.320		ug/L	8112279	8112279-BLK1	11/10/08 12:53
2,2-Dichloropropane	<0.420		ug/L	8112279	8112279-BLK1	11/10/08 12:53
cis-1,3-Dichloropropene	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

PROJECT QUALITY CONTROL DATA

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Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

Volatile Organic Compounds by EPA Method 8260B

8112279-BLK1

trans-1,3-Dichloropropene	<0.330		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1-Dichloropropene	<0.310		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Ethylbenzene	<0.240		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Hexachlorobutadiene	<0.910		ug/L	8112279	8112279-BLK1	11/10/08 12:53
2-Hexanone	<16.7		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Isopropylbenzene	<0.300		ug/L	8112279	8112279-BLK1	11/10/08 12:53
p-Isopropyltoluene	<0.220		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Methyl tert-Butyl Ether	<0.420		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Methylene Chloride	<0.830		ug/L	8112279	8112279-BLK1	11/10/08 12:53
4-Methyl-2-pentanone	<3.49		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Naphthalene	<0.540		ug/L	8112279	8112279-BLK1	11/10/08 12:53
n-Propylbenzene	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Styrene	<0.330		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1,1,2-Tetrachloroethane	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1,2,2-Tetrachloroethane	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Tetrachloroethene	<0.230		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Toluene	<0.280		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2,3-Trichlorobenzene	<0.940		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2,4-Trichlorobenzene	<0.500		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1,2-Trichloroethane	<0.400		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,1,1-Trichloroethane	<0.370		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Trichloroethene	<0.230		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Trichlorofluoromethane	<0.350		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2,3-Trichloropropane	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,3,5-Trimethylbenzene	<0.160		ug/L	8112279	8112279-BLK1	11/10/08 12:53
1,2,4-Trimethylbenzene	<0.170		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Vinyl chloride	<0.290		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Xylenes, total	<0.860		ug/L	8112279	8112279-BLK1	11/10/08 12:53
Surrogate: 1,2-Dichloroethane-d4	112%			8112279	8112279-BLK1	11/10/08 12:53
Surrogate: Dibromofluoromethane	103%			8112279	8112279-BLK1	11/10/08 12:53
Surrogate: Toluene-d8	98%			8112279	8112279-BLK1	11/10/08 12:53
Surrogate: 4-Bromofluorobenzene	108%			8112279	8112279-BLK1	11/10/08 12:53

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8111147-BS1								
Acetone	100	106		ug/L	106%	62 - 150	8111147	11/09/08 14:36
Benzene	20.0	19.8		ug/L	99%	80 - 137	8111147	11/09/08 14:36
Bromobenzene	20.0	17.5		ug/L	87%	74 - 131	8111147	11/09/08 14:36
Bromochloromethane	20.0	19.8		ug/L	99%	80 - 128	8111147	11/09/08 14:36
Bromodichloromethane	20.0	20.4		ug/L	102%	80 - 129	8111147	11/09/08 14:36
Bromoform	20.0	20.4		ug/L	102%	69 - 127	8111147	11/09/08 14:36
Bromomethane	20.0	18.2		ug/L	91%	62 - 148	8111147	11/09/08 14:36
2-Butanone	100	102		ug/L	102%	77 - 141	8111147	11/09/08 14:36
sec-Butylbenzene	20.0	18.7		ug/L	94%	78 - 133	8111147	11/09/08 14:36
n-Butylbenzene	20.0	18.5		ug/L	93%	72 - 136	8111147	11/09/08 14:36
tert-Butylbenzene	20.0	18.2		ug/L	91%	77 - 135	8111147	11/09/08 14:36
Carbon disulfide	20.0	21.4		ug/L	107%	80 - 126	8111147	11/09/08 14:36
Carbon Tetrachloride	20.0	20.2		ug/L	101%	76 - 143	8111147	11/09/08 14:36
Chlorobenzene	20.0	20.7		ug/L	104%	80 - 120	8111147	11/09/08 14:36
Chlorodibromomethane	20.0	19.5		ug/L	97%	76 - 123	8111147	11/09/08 14:36
Chloroethane	20.0	18.3		ug/L	91%	77 - 127	8111147	11/09/08 14:36
Chloroform	20.0	18.3		ug/L	91%	80 - 133	8111147	11/09/08 14:36
Chloromethane	20.0	18.4		ug/L	92%	33 - 125	8111147	11/09/08 14:36
2-Chlorotoluene	20.0	18.1		ug/L	91%	80 - 127	8111147	11/09/08 14:36
4-Chlorotoluene	20.0	18.2		ug/L	91%	80 - 127	8111147	11/09/08 14:36
1,2-Dibromo-3-chloropropane	20.0	22.4		ug/L	112%	60 - 136	8111147	11/09/08 14:36
1,2-Dibromoethane (EDB)	20.0	21.6		ug/L	108%	80 - 125	8111147	11/09/08 14:36
Dibromomethane	20.0	19.0		ug/L	95%	80 - 124	8111147	11/09/08 14:36
1,4-Dichlorobenzene	20.0	19.8		ug/L	99%	80 - 120	8111147	11/09/08 14:36
1,3-Dichlorobenzene	20.0	19.0		ug/L	95%	80 - 123	8111147	11/09/08 14:36
1,2-Dichlorobenzene	20.0	20.3		ug/L	101%	80 - 122	8111147	11/09/08 14:36
Dichlorodifluoromethane	20.0	22.0		ug/L	110%	36 - 120	8111147	11/09/08 14:36
1,1-Dichloroethane	20.0	19.8		ug/L	99%	76 - 130	8111147	11/09/08 14:36
1,2-Dichloroethane	20.0	18.4		ug/L	92%	69 - 136	8111147	11/09/08 14:36
cis-1,2-Dichloroethene	20.0	20.0		ug/L	100%	80 - 129	8111147	11/09/08 14:36
1,1-Dichloroethene	20.0	21.5		ug/L	108%	80 - 127	8111147	11/09/08 14:36
trans-1,2-Dichloroethene	20.0	19.8		ug/L	99%	80 - 131	8111147	11/09/08 14:36
1,3-Dichloropropane	20.0	20.3		ug/L	102%	80 - 122	8111147	11/09/08 14:36
1,2-Dichloropropane	20.0	18.6		ug/L	93%	80 - 120	8111147	11/09/08 14:36
2,2-Dichloropropane	20.0	20.0		ug/L	100%	62 - 142	8111147	11/09/08 14:36
cis-1,3-Dichloropropene	20.0	20.2		ug/L	101%	76 - 135	8111147	11/09/08 14:36
trans-1,3-Dichloropropene	20.0	17.8		ug/L	89%	70 - 137	8111147	11/09/08 14:36
1,1-Dichloropropene	20.0	19.8		ug/L	99%	80 - 127	8111147	11/09/08 14:36
Ethylbenzene	20.0	20.2		ug/L	101%	80 - 128	8111147	11/09/08 14:36
Hexachlorobutadiene	20.0	24.1		ug/L	120%	68 - 148	8111147	11/09/08 14:36
2-Hexanone	100	106		ug/L	106%	69 - 148	8111147	11/09/08 14:36

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

Work Order: NRK0594
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Received: 11/07/08 08:15

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								
8111147-BS1								
Isopropylbenzene	20.0	19.6		ug/L	98%	80 - 121	8111147	11/09/08 14:36
p-Isopropyltoluene	20.0	18.0		ug/L	90%	79 - 127	8111147	11/09/08 14:36
Methyl tert-Butyl Ether	20.0	20.0		ug/L	100%	70 - 129	8111147	11/09/08 14:36
Methylene Chloride	20.0	18.8		ug/L	94%	76 - 135	8111147	11/09/08 14:36
4-Methyl-2-pentanone	100	104		ug/L	104%	67 - 143	8111147	11/09/08 14:36
Naphthalene	20.0	21.0		ug/L	105%	62 - 141	8111147	11/09/08 14:36
n-Propylbenzene	20.0	18.3		ug/L	91%	80 - 132	8111147	11/09/08 14:36
Styrene	20.0	21.4		ug/L	107%	80 - 139	8111147	11/09/08 14:36
1,1,1,2-Tetrachloroethane	20.0	20.5		ug/L	103%	80 - 135	8111147	11/09/08 14:36
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L	94%	65 - 145	8111147	11/09/08 14:36
Tetrachloroethene	20.0	21.5		ug/L	108%	80 - 125	8111147	11/09/08 14:36
Toluene	20.0	19.9		ug/L	99%	80 - 125	8111147	11/09/08 14:36
1,2,3-Trichlorobenzene	20.0	23.5		ug/L	118%	57 - 144	8111147	11/09/08 14:36
1,2,4-Trichlorobenzene	20.0	19.8		ug/L	99%	60 - 140	8111147	11/09/08 14:36
1,1,2-Trichloroethane	20.0	21.0		ug/L	105%	80 - 122	8111147	11/09/08 14:36
1,1,1-Trichloroethane	20.0	20.2		ug/L	101%	80 - 131	8111147	11/09/08 14:36
Trichloroethene	20.0	21.0		ug/L	105%	80 - 131	8111147	11/09/08 14:36
Trichlorofluoromethane	20.0	20.2		ug/L	101%	68 - 125	8111147	11/09/08 14:36
1,2,3-Trichloropropane	20.0	17.0		ug/L	85%	60 - 127	8111147	11/09/08 14:36
1,3,5-Trimethylbenzene	20.0	18.5		ug/L	92%	80 - 129	8111147	11/09/08 14:36
1,2,4-Trimethylbenzene	20.0	18.8		ug/L	94%	80 - 128	8111147	11/09/08 14:36
Vinyl chloride	20.0	19.2		ug/L	96%	69 - 120	8111147	11/09/08 14:36
Xylenes, total	60.0	61.4		ug/L	102%	80 - 129	8111147	11/09/08 14:36
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	27.9			93%	60 - 140	8111147	11/09/08 14:36
<i>Surrogate: Dibromofluoromethane</i>	30.0	28.4			95%	75 - 124	8111147	11/09/08 14:36
<i>Surrogate: Toluene-d8</i>	30.0	29.9			100%	78 - 121	8111147	11/09/08 14:36
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	26.8			89%	79 - 124	8111147	11/09/08 14:36
8111174-BS1								
Acetone	250	235		ug/L	94%	62 - 150	8111174	11/09/08 02:01
Benzene	50.0	48.3		ug/L	97%	80 - 137	8111174	11/09/08 02:01
Bromobenzene	50.0	42.4		ug/L	85%	74 - 131	8111174	11/09/08 02:01
Bromochloromethane	50.0	50.5		ug/L	101%	80 - 128	8111174	11/09/08 02:01
Bromodichloromethane	50.0	51.4		ug/L	103%	80 - 129	8111174	11/09/08 02:01
Bromoform	50.0	51.6		ug/L	103%	69 - 127	8111174	11/09/08 02:01
Bromomethane	50.0	43.6		ug/L	87%	62 - 148	8111174	11/09/08 02:01
2-Butanone	250	231		ug/L	92%	77 - 141	8111174	11/09/08 02:01
sec-Butylbenzene	50.0	46.0		ug/L	92%	78 - 133	8111174	11/09/08 02:01
n-Butylbenzene	50.0	43.7		ug/L	87%	72 - 136	8111174	11/09/08 02:01
tert-Butylbenzene	50.0	46.9		ug/L	94%	77 - 135	8111174	11/09/08 02:01
Carbon disulfide	50.0	54.8		ug/L	110%	80 - 126	8111174	11/09/08 02:01

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

Work Order: NRK0594
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Project Number: [none]
Received: 11/07/08 08:15

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								
8111174-BS1								
Carbon Tetrachloride	50.0	47.4		ug/L	95%	76 - 143	8111174	11/09/08 02:01
Chlorobenzene	50.0	51.5		ug/L	103%	80 - 120	8111174	11/09/08 02:01
Chlorodibromomethane	50.0	47.5		ug/L	95%	76 - 123	8111174	11/09/08 02:01
Chloroethane	50.0	41.0		ug/L	82%	77 - 127	8111174	11/09/08 02:01
Chloroform	50.0	45.2		ug/L	90%	80 - 133	8111174	11/09/08 02:01
Chloromethane	50.0	34.4		ug/L	69%	33 - 125	8111174	11/09/08 02:01
2-Chlorotoluene	50.0	44.4		ug/L	89%	80 - 127	8111174	11/09/08 02:01
4-Chlorotoluene	50.0	44.5		ug/L	89%	80 - 127	8111174	11/09/08 02:01
1,2-Dibromo-3-chloropropane	50.0	46.4		ug/L	93%	60 - 136	8111174	11/09/08 02:01
1,2-Dibromoethane (EDB)	50.0	51.8		ug/L	104%	80 - 125	8111174	11/09/08 02:01
Dibromomethane	50.0	47.3		ug/L	95%	80 - 124	8111174	11/09/08 02:01
1,4-Dichlorobenzene	50.0	47.8		ug/L	96%	80 - 120	8111174	11/09/08 02:01
1,3-Dichlorobenzene	50.0	46.7		ug/L	93%	80 - 123	8111174	11/09/08 02:01
1,2-Dichlorobenzene	50.0	48.7		ug/L	97%	80 - 122	8111174	11/09/08 02:01
Dichlorodifluoromethane	50.0	41.2		ug/L	82%	36 - 120	8111174	11/09/08 02:01
1,1-Dichloroethane	50.0	47.6		ug/L	95%	76 - 130	8111174	11/09/08 02:01
1,2-Dichloroethane	50.0	43.8		ug/L	88%	69 - 136	8111174	11/09/08 02:01
cis-1,2-Dichloroethene	50.0	47.0		ug/L	94%	80 - 129	8111174	11/09/08 02:01
1,1-Dichloroethene	50.0	52.3		ug/L	105%	80 - 127	8111174	11/09/08 02:01
trans-1,2-Dichloroethene	50.0	47.6		ug/L	95%	80 - 131	8111174	11/09/08 02:01
1,3-Dichloropropane	50.0	47.5		ug/L	95%	80 - 122	8111174	11/09/08 02:01
1,2-Dichloropropane	50.0	45.3		ug/L	91%	80 - 120	8111174	11/09/08 02:01
2,2-Dichloropropane	50.0	40.6		ug/L	81%	62 - 142	8111174	11/09/08 02:01
cis-1,3-Dichloropropene	50.0	49.2		ug/L	98%	76 - 135	8111174	11/09/08 02:01
trans-1,3-Dichloropropene	50.0	41.6		ug/L	83%	70 - 137	8111174	11/09/08 02:01
1,1-Dichloropropene	50.0	49.2		ug/L	98%	80 - 127	8111174	11/09/08 02:01
Ethylbenzene	50.0	50.1		ug/L	100%	80 - 128	8111174	11/09/08 02:01
Hexachlorobutadiene	50.0	59.4		ug/L	119%	68 - 148	8111174	11/09/08 02:01
2-Hexanone	250	230		ug/L	92%	69 - 148	8111174	11/09/08 02:01
Isopropylbenzene	50.0	49.3		ug/L	99%	80 - 121	8111174	11/09/08 02:01
p-Isopropyltoluene	50.0	44.8		ug/L	90%	79 - 127	8111174	11/09/08 02:01
Methyl tert-Butyl Ether	50.0	47.8		ug/L	96%	70 - 129	8111174	11/09/08 02:01
Methylene Chloride	50.0	45.4		ug/L	91%	76 - 135	8111174	11/09/08 02:01
4-Methyl-2-pentanone	250	230		ug/L	92%	67 - 143	8111174	11/09/08 02:01
Naphthalene	50.0	48.9		ug/L	98%	62 - 141	8111174	11/09/08 02:01
n-Propylbenzene	50.0	43.3		ug/L	87%	80 - 132	8111174	11/09/08 02:01
Styrene	50.0	53.9		ug/L	108%	80 - 139	8111174	11/09/08 02:01
1,1,1,2-Tetrachloroethane	50.0	48.5		ug/L	97%	80 - 135	8111174	11/09/08 02:01
1,1,2,2-Tetrachloroethane	50.0	42.4		ug/L	85%	65 - 145	8111174	11/09/08 02:01
Tetrachloroethene	50.0	55.3		ug/L	111%	80 - 125	8111174	11/09/08 02:01
Toluene	50.0	48.7		ug/L	97%	80 - 125	8111174	11/09/08 02:01

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8111174-BS1								
1,2,3-Trichlorobenzene	50.0	53.7		ug/L	107%	57 - 144	8111174	11/09/08 02:01
1,2,4-Trichlorobenzene	50.0	48.9		ug/L	98%	60 - 140	8111174	11/09/08 02:01
1,1,2-Trichloroethane	50.0	50.2		ug/L	100%	80 - 122	8111174	11/09/08 02:01
1,1,1-Trichloroethane	50.0	50.9		ug/L	102%	80 - 131	8111174	11/09/08 02:01
Trichloroethene	50.0	55.1		ug/L	110%	80 - 131	8111174	11/09/08 02:01
Trichlorofluoromethane	50.0	43.2		ug/L	86%	68 - 125	8111174	11/09/08 02:01
1,2,3-Trichloropropane	50.0	39.4		ug/L	79%	60 - 127	8111174	11/09/08 02:01
1,3,5-Trimethylbenzene	50.0	45.5		ug/L	91%	80 - 129	8111174	11/09/08 02:01
1,2,4-Trimethylbenzene	50.0	46.1		ug/L	92%	80 - 128	8111174	11/09/08 02:01
Vinyl chloride	50.0	40.1		ug/L	80%	69 - 120	8111174	11/09/08 02:01
Xylenes, total	150	149		ug/L	100%	80 - 129	8111174	11/09/08 02:01
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.0	26.1			87%	60 - 140	8111174	11/09/08 02:01
<i>Surrogate: Dibromofluoromethane</i>	30.0	28.3			94%	75 - 124	8111174	11/09/08 02:01
<i>Surrogate: Toluene-d8</i>	30.0	29.5			98%	78 - 121	8111174	11/09/08 02:01
<i>Surrogate: 4-Bromofluorobenzene</i>	30.0	26.2			87%	79 - 124	8111174	11/09/08 02:01
8112119-BS1								
Acetone	250	215		ug/L	86%	62 - 150	8112119	11/09/08 02:46
Benzene	50.0	46.0		ug/L	92%	80 - 137	8112119	11/09/08 02:46
Bromobenzene	50.0	47.0		ug/L	94%	74 - 131	8112119	11/09/08 02:46
Bromochloromethane	50.0	43.4		ug/L	87%	80 - 128	8112119	11/09/08 02:46
Bromodichloromethane	50.0	54.1		ug/L	108%	80 - 129	8112119	11/09/08 02:46
Bromoform	50.0	46.7		ug/L	93%	69 - 127	8112119	11/09/08 02:46
Bromomethane	50.0	51.9		ug/L	104%	62 - 148	8112119	11/09/08 02:46
2-Butanone	250	209		ug/L	84%	77 - 141	8112119	11/09/08 02:46
sec-Butylbenzene	50.0	48.8		ug/L	98%	78 - 133	8112119	11/09/08 02:46
n-Butylbenzene	50.0	50.6		ug/L	101%	72 - 136	8112119	11/09/08 02:46
tert-Butylbenzene	50.0	48.0		ug/L	96%	77 - 135	8112119	11/09/08 02:46
Carbon disulfide	50.0	50.4		ug/L	101%	80 - 126	8112119	11/09/08 02:46
Carbon Tetrachloride	50.0	54.4		ug/L	109%	76 - 143	8112119	11/09/08 02:46
Chlorobenzene	50.0	45.9		ug/L	92%	80 - 120	8112119	11/09/08 02:46
Chlorodibromomethane	50.0	45.9		ug/L	92%	76 - 123	8112119	11/09/08 02:46
Chloroethane	50.0	41.6		ug/L	83%	77 - 127	8112119	11/09/08 02:46
Chloroform	50.0	46.8		ug/L	94%	80 - 133	8112119	11/09/08 02:46
Chloromethane	50.0	35.8		ug/L	72%	33 - 125	8112119	11/09/08 02:46
2-Chlorotoluene	50.0	47.8		ug/L	96%	80 - 127	8112119	11/09/08 02:46
4-Chlorotoluene	50.0	48.0		ug/L	96%	80 - 127	8112119	11/09/08 02:46
1,2-Dibromo-3-chloropropane	50.0	39.9		ug/L	80%	60 - 136	8112119	11/09/08 02:46
1,2-Dibromoethane (EDB)	50.0	44.7		ug/L	89%	80 - 125	8112119	11/09/08 02:46
Dibromomethane	50.0	45.3		ug/L	91%	80 - 124	8112119	11/09/08 02:46
1,4-Dichlorobenzene	50.0	44.6		ug/L	89%	80 - 120	8112119	11/09/08 02:46

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

Work Order: NRK0594
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Received: 11/07/08 08:15

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								
8112119-BS1								
1,3-Dichlorobenzene	50.0	45.5		ug/L	91%	80 - 123	8112119	11/09/08 02:46
1,2-Dichlorobenzene	50.0	45.8		ug/L	92%	80 - 122	8112119	11/09/08 02:46
Dichlorodifluoromethane	50.0	36.3		ug/L	73%	36 - 120	8112119	11/09/08 02:46
1,1-Dichloroethane	50.0	48.9		ug/L	98%	76 - 130	8112119	11/09/08 02:46
1,2-Dichloroethane	50.0	49.4		ug/L	99%	69 - 136	8112119	11/09/08 02:46
cis-1,2-Dichloroethene	50.0	48.9		ug/L	98%	80 - 129	8112119	11/09/08 02:46
1,1-Dichloroethene	50.0	47.9		ug/L	96%	80 - 127	8112119	11/09/08 02:46
trans-1,2-Dichloroethene	50.0	53.5		ug/L	107%	80 - 131	8112119	11/09/08 02:46
1,3-Dichloropropane	50.0	45.3		ug/L	91%	80 - 122	8112119	11/09/08 02:46
1,2-Dichloropropane	50.0	44.9		ug/L	90%	80 - 120	8112119	11/09/08 02:46
2,2-Dichloropropane	50.0	43.7		ug/L	87%	62 - 142	8112119	11/09/08 02:46
cis-1,3-Dichloropropene	50.0	47.3		ug/L	95%	76 - 135	8112119	11/09/08 02:46
trans-1,3-Dichloropropene	50.0	47.2		ug/L	94%	70 - 137	8112119	11/09/08 02:46
1,1-Dichloropropene	50.0	48.1		ug/L	96%	80 - 127	8112119	11/09/08 02:46
Ethylbenzene	50.0	47.5		ug/L	95%	80 - 128	8112119	11/09/08 02:46
Hexachlorobutadiene	50.0	45.2		ug/L	90%	68 - 148	8112119	11/09/08 02:46
2-Hexanone	250	220		ug/L	88%	69 - 148	8112119	11/09/08 02:46
Isopropylbenzene	50.0	47.1		ug/L	94%	80 - 121	8112119	11/09/08 02:46
p-Isopropyltoluene	50.0	47.6		ug/L	95%	79 - 127	8112119	11/09/08 02:46
Methyl tert-Butyl Ether	50.0	51.0		ug/L	102%	70 - 129	8112119	11/09/08 02:46
Methylene Chloride	50.0	44.3		ug/L	89%	76 - 135	8112119	11/09/08 02:46
4-Methyl-2-pentanone	250	216		ug/L	86%	67 - 143	8112119	11/09/08 02:46
Naphthalene	50.0	46.8		ug/L	94%	62 - 141	8112119	11/09/08 02:46
n-Propylbenzene	50.0	47.6		ug/L	95%	80 - 132	8112119	11/09/08 02:46
Styrene	50.0	52.0		ug/L	104%	80 - 139	8112119	11/09/08 02:46
1,1,1,2-Tetrachloroethane	50.0	53.2		ug/L	106%	80 - 135	8112119	11/09/08 02:46
1,1,2,2-Tetrachloroethane	50.0	44.1		ug/L	88%	65 - 145	8112119	11/09/08 02:46
Tetrachloroethene	50.0	45.3		ug/L	91%	80 - 125	8112119	11/09/08 02:46
Toluene	50.0	45.2		ug/L	90%	80 - 125	8112119	11/09/08 02:46
1,2,3-Trichlorobenzene	50.0	44.7		ug/L	89%	57 - 144	8112119	11/09/08 02:46
1,2,4-Trichlorobenzene	50.0	45.5		ug/L	91%	60 - 140	8112119	11/09/08 02:46
1,1,2-Trichloroethane	50.0	46.2		ug/L	92%	80 - 122	8112119	11/09/08 02:46
1,1,1-Trichloroethane	50.0	51.2		ug/L	102%	80 - 131	8112119	11/09/08 02:46
Trichloroethene	50.0	47.6		ug/L	95%	80 - 131	8112119	11/09/08 02:46
Trichlorofluoromethane	50.0	43.6		ug/L	87%	68 - 125	8112119	11/09/08 02:46
1,2,3-Trichloropropane	50.0	40.4		ug/L	81%	60 - 127	8112119	11/09/08 02:46
1,3,5-Trimethylbenzene	50.0	48.8		ug/L	98%	80 - 129	8112119	11/09/08 02:46
1,2,4-Trimethylbenzene	50.0	48.8		ug/L	98%	80 - 128	8112119	11/09/08 02:46
Vinyl chloride	50.0	37.8		ug/L	76%	69 - 120	8112119	11/09/08 02:46
Xylenes, total	150	144		ug/L	96%	80 - 129	8112119	11/09/08 02:46
Surrogate: 1,2-Dichloroethane-d4	25.0	26.7			107%	60 - 140	8112119	11/09/08 02:46

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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								
8112119-BS1								
Surrogate: Dibromofluoromethane	25.0	25.9			104%	75 - 124	8112119	11/09/08 02:46
Surrogate: Toluene-d8	25.0	25.0			100%	78 - 121	8112119	11/09/08 02:46
Surrogate: 4-Bromofluorobenzene	25.0	26.1			105%	79 - 124	8112119	11/09/08 02:46
8112279-BS1								
Acetone	250	239		ug/L	96%	62 - 150	8112279	11/10/08 10:14
Benzene	50.0	47.1		ug/L	94%	80 - 137	8112279	11/10/08 10:14
Bromobenzene	50.0	48.7		ug/L	97%	74 - 131	8112279	11/10/08 10:14
Bromochloromethane	50.0	47.4		ug/L	95%	80 - 128	8112279	11/10/08 10:14
Bromodichloromethane	50.0	56.0		ug/L	112%	80 - 129	8112279	11/10/08 10:14
Bromoform	50.0	50.1		ug/L	100%	69 - 127	8112279	11/10/08 10:14
Bromomethane	50.0	50.9		ug/L	102%	62 - 148	8112279	11/10/08 10:14
2-Butanone	250	226		ug/L	90%	77 - 141	8112279	11/10/08 10:14
sec-Butylbenzene	50.0	48.8		ug/L	98%	78 - 133	8112279	11/10/08 10:14
n-Butylbenzene	50.0	49.8		ug/L	100%	72 - 136	8112279	11/10/08 10:14
tert-Butylbenzene	50.0	48.0		ug/L	96%	77 - 135	8112279	11/10/08 10:14
Carbon disulfide	50.0	51.9		ug/L	104%	80 - 126	8112279	11/10/08 10:14
Carbon Tetrachloride	50.0	56.7		ug/L	113%	76 - 143	8112279	11/10/08 10:14
Chlorobenzene	50.0	46.8		ug/L	94%	80 - 120	8112279	11/10/08 10:14
Chlorodibromomethane	50.0	49.4		ug/L	99%	76 - 123	8112279	11/10/08 10:14
Chloroethane	50.0	46.7		ug/L	93%	77 - 127	8112279	11/10/08 10:14
Chloroform	50.0	48.2		ug/L	96%	80 - 133	8112279	11/10/08 10:14
Chloromethane	50.0	43.6		ug/L	87%	33 - 125	8112279	11/10/08 10:14
2-Chlorotoluene	50.0	48.6		ug/L	97%	80 - 127	8112279	11/10/08 10:14
4-Chlorotoluene	50.0	48.7		ug/L	97%	80 - 127	8112279	11/10/08 10:14
1,2-Dibromo-3-chloropropane	50.0	43.6		ug/L	87%	60 - 136	8112279	11/10/08 10:14
1,2-Dibromoethane (EDB)	50.0	49.1		ug/L	98%	80 - 125	8112279	11/10/08 10:14
Dibromomethane	50.0	49.6		ug/L	99%	80 - 124	8112279	11/10/08 10:14
1,4-Dichlorobenzene	50.0	45.5		ug/L	91%	80 - 120	8112279	11/10/08 10:14
1,3-Dichlorobenzene	50.0	46.4		ug/L	93%	80 - 123	8112279	11/10/08 10:14
1,2-Dichlorobenzene	50.0	46.7		ug/L	93%	80 - 122	8112279	11/10/08 10:14
Dichlorodifluoromethane	50.0	40.4		ug/L	81%	36 - 120	8112279	11/10/08 10:14
1,1-Dichloroethane	50.0	50.0		ug/L	100%	76 - 130	8112279	11/10/08 10:14
1,2-Dichloroethane	50.0	52.2		ug/L	104%	69 - 136	8112279	11/10/08 10:14
cis-1,2-Dichloroethene	50.0	49.4		ug/L	99%	80 - 129	8112279	11/10/08 10:14
1,1-Dichloroethene	50.0	48.7		ug/L	97%	80 - 127	8112279	11/10/08 10:14
trans-1,2-Dichloroethene	50.0	50.2		ug/L	100%	80 - 131	8112279	11/10/08 10:14
1,3-Dichloropropane	50.0	47.6		ug/L	95%	80 - 122	8112279	11/10/08 10:14
1,2-Dichloropropane	50.0	46.4		ug/L	93%	80 - 120	8112279	11/10/08 10:14
2,2-Dichloropropane	50.0	42.1		ug/L	84%	62 - 142	8112279	11/10/08 10:14
cis-1,3-Dichloropropene	50.0	51.2		ug/L	102%	76 - 135	8112279	11/10/08 10:14

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
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Received: 11/07/08 08:15

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								
8112279-BS1								
trans-1,3-Dichloropropene	50.0	52.4		ug/L	105%	70 - 137	8112279	11/10/08 10:14
1,1-Dichloropropene	50.0	49.0		ug/L	98%	80 - 127	8112279	11/10/08 10:14
Ethylbenzene	50.0	48.5		ug/L	97%	80 - 128	8112279	11/10/08 10:14
Hexachlorobutadiene	50.0	44.0		ug/L	88%	68 - 148	8112279	11/10/08 10:14
2-Hexanone	250	244		ug/L	98%	69 - 148	8112279	11/10/08 10:14
Isopropylbenzene	50.0	47.0		ug/L	94%	80 - 121	8112279	11/10/08 10:14
p-Isopropyltoluene	50.0	47.6		ug/L	95%	79 - 127	8112279	11/10/08 10:14
Methyl tert-Butyl Ether	50.0	51.1		ug/L	102%	70 - 129	8112279	11/10/08 10:14
Methylene Chloride	50.0	48.5		ug/L	97%	76 - 135	8112279	11/10/08 10:14
4-Methyl-2-pentanone	250	242		ug/L	97%	67 - 143	8112279	11/10/08 10:14
Naphthalene	50.0	49.8		ug/L	100%	62 - 141	8112279	11/10/08 10:14
n-Propylbenzene	50.0	47.6		ug/L	95%	80 - 132	8112279	11/10/08 10:14
Styrene	50.0	52.6		ug/L	105%	80 - 139	8112279	11/10/08 10:14
1,1,1,2-Tetrachloroethane	50.0	55.0		ug/L	110%	80 - 135	8112279	11/10/08 10:14
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L	97%	65 - 145	8112279	11/10/08 10:14
Tetrachloroethene	50.0	45.9		ug/L	92%	80 - 125	8112279	11/10/08 10:14
Toluene	50.0	46.9		ug/L	94%	80 - 125	8112279	11/10/08 10:14
1,2,3-Trichlorobenzene	50.0	46.6		ug/L	93%	57 - 144	8112279	11/10/08 10:14
1,2,4-Trichlorobenzene	50.0	46.6		ug/L	93%	60 - 140	8112279	11/10/08 10:14
1,1,2-Trichloroethane	50.0	48.5		ug/L	97%	80 - 122	8112279	11/10/08 10:14
1,1,1-Trichloroethane	50.0	52.7		ug/L	105%	80 - 131	8112279	11/10/08 10:14
Trichloroethene	50.0	48.0		ug/L	96%	80 - 131	8112279	11/10/08 10:14
Trichlorofluoromethane	50.0	41.6		ug/L	83%	68 - 125	8112279	11/10/08 10:14
1,2,3-Trichloropropane	50.0	45.4		ug/L	91%	60 - 127	8112279	11/10/08 10:14
1,3,5-Trimethylbenzene	50.0	49.2		ug/L	98%	80 - 129	8112279	11/10/08 10:14
1,2,4-Trimethylbenzene	50.0	49.2		ug/L	98%	80 - 128	8112279	11/10/08 10:14
Vinyl chloride	50.0	41.5		ug/L	83%	69 - 120	8112279	11/10/08 10:14
Xylenes, total	150	146		ug/L	97%	80 - 129	8112279	11/10/08 10:14
Surrogate: 1,2-Dichloroethane-d4	25.0	26.9			108%	60 - 140	8112279	11/10/08 10:14
Surrogate: Dibromofluoromethane	25.0	25.7			103%	75 - 124	8112279	11/10/08 10:14
Surrogate: Toluene-d8	25.0	24.9			100%	78 - 121	8112279	11/10/08 10:14
Surrogate: 4-Bromofluorobenzene	25.0	25.8			103%	79 - 124	8112279	11/10/08 10:14

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111147-BS01												
Acetone		107	MNR1	ug/L	100	107%	62 - 150	0.9	29	8111147		11/09/08 15:01
Benzene		20.3	MNR1	ug/L	20.0	101%	80 - 137	2	23	8111147		11/09/08 15:01
Bromobenzene		18.2	MNR1	ug/L	20.0	91%	74 - 131	4	18	8111147		11/09/08 15:01
Bromochloromethane		20.6	MNR1	ug/L	20.0	103%	80 - 128	4	18	8111147		11/09/08 15:01
Bromodichloromethane		20.8	MNR1	ug/L	20.0	104%	80 - 129	2	18	8111147		11/09/08 15:01
Bromoform		22.0	MNR1	ug/L	20.0	110%	69 - 127	7	24	8111147		11/09/08 15:01
Bromomethane		17.8	MNR1	ug/L	20.0	89%	62 - 148	2	45	8111147		11/09/08 15:01
2-Butanone		107	MNR1	ug/L	100	107%	77 - 141	5	36	8111147		11/09/08 15:01
sec-Butylbenzene		19.4	MNR1	ug/L	20.0	97%	78 - 133	3	17	8111147		11/09/08 15:01
n-Butylbenzene		19.1	MNR1	ug/L	20.0	95%	72 - 136	3	18	8111147		11/09/08 15:01
tert-Butylbenzene		19.0	MNR1	ug/L	20.0	95%	77 - 135	4	17	8111147		11/09/08 15:01
Carbon disulfide		21.8	MNR1	ug/L	20.0	109%	80 - 126	1	16	8111147		11/09/08 15:01
Carbon Tetrachloride		20.4	MNR1	ug/L	20.0	102%	76 - 143	0.8	29	8111147		11/09/08 15:01
Chlorobenzene		21.2	MNR1	ug/L	20.0	106%	80 - 120	2	27	8111147		11/09/08 15:01
Chlorodibromomethane		20.1	MNR1	ug/L	20.0	100%	76 - 123	3	21	8111147		11/09/08 15:01
Chloroethane		18.4	MNR1	ug/L	20.0	92%	77 - 127	0.9	32	8111147		11/09/08 15:01
Chloroform		18.5	MNR1	ug/L	20.0	92%	80 - 133	1	28	8111147		11/09/08 15:01
Chloromethane		16.7	MNR1	ug/L	20.0	84%	33 - 125	10	21	8111147		11/09/08 15:01
2-Chlorotoluene		19.1	MNR1	ug/L	20.0	95%	80 - 127	5	16	8111147		11/09/08 15:01
4-Chlorotoluene		19.4	MNR1	ug/L	20.0	97%	80 - 127	6	17	8111147		11/09/08 15:01
1,2-Dibromo-3-chloropropane		26.5	MNR1	ug/L	20.0	133%	60 - 136	17	29	8111147		11/09/08 15:01
1,2-Dibromoethane (EDB)		22.4	MNR1	ug/L	20.0	112%	80 - 125	4	21	8111147		11/09/08 15:01
Dibromomethane		19.9	MNR1	ug/L	20.0	100%	80 - 124	5	20	8111147		11/09/08 15:01
1,4-Dichlorobenzene		20.5	MNR1	ug/L	20.0	103%	80 - 120	4	19	8111147		11/09/08 15:01
1,3-Dichlorobenzene		19.8	MNR1	ug/L	20.0	99%	80 - 123	4	18	8111147		11/09/08 15:01
1,2-Dichlorobenzene		21.2	MNR1	ug/L	20.0	106%	80 - 122	5	23	8111147		11/09/08 15:01
Dichlorodifluoromethane		22.1	MNR1	ug/L	20.0	110%	36 - 120	0.4	14	8111147		11/09/08 15:01
1,1-Dichloroethane		19.8	MNR1	ug/L	20.0	99%	76 - 130	0.2	15	8111147		11/09/08 15:01
1,2-Dichloroethane		19.9	MNR1	ug/L	20.0	99%	69 - 136	8	26	8111147		11/09/08 15:01
cis-1,2-Dichloroethene		19.9	MNR1	ug/L	20.0	100%	80 - 129	0.4	14	8111147		11/09/08 15:01
1,1-Dichloroethene		20.6	MNR1	ug/L	20.0	103%	80 - 127	4	26	8111147		11/09/08 15:01
trans-1,2-Dichloroethene		19.9	MNR1	ug/L	20.0	100%	80 - 131	0.4	14	8111147		11/09/08 15:01
1,3-Dichloropropane		21.4	MNR1	ug/L	20.0	107%	80 - 122	5	21	8111147		11/09/08 15:01
1,2-Dichloropropane		18.9	MNR1	ug/L	20.0	94%	80 - 120	1	16	8111147		11/09/08 15:01
2,2-Dichloropropane		20.4	MNR1	ug/L	20.0	102%	62 - 142	2	14	8111147		11/09/08 15:01
cis-1,3-Dichloropropene		20.5	MNR1	ug/L	20.0	103%	76 - 135	2	19	8111147		11/09/08 15:01
trans-1,3-Dichloropropene		18.2	MNR1	ug/L	20.0	91%	70 - 137	2	20	8111147		11/09/08 15:01
1,1-Dichloropropene		19.9	MNR1	ug/L	20.0	100%	80 - 127	0.3	14	8111147		11/09/08 15:01
Ethylbenzene		20.9	MNR1	ug/L	20.0	105%	80 - 128	3	17	8111147		11/09/08 15:01
Hexachlorobutadiene		24.4	MNR1	ug/L	20.0	122%	68 - 148	1	34	8111147		11/09/08 15:01
2-Hexanone		111	MNR1	ug/L	100	111%	69 - 148	5	34	8111147		11/09/08 15:01

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
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Received: 11/07/08 08:15

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												
8111147-BSD1												
Isopropylbenzene		20.1	MNR1	ug/L	20.0	101%	80 - 121	3	18	8111147		11/09/08 15:01
p-Isopropyltoluene		18.3	MNR1	ug/L	20.0	91%	79 - 127	1	17	8111147		11/09/08 15:01
Methyl tert-Butyl Ether		20.7	MNR1	ug/L	20.0	103%	70 - 129	3	32	8111147		11/09/08 15:01
Methylene Chloride		19.5	MNR1	ug/L	20.0	97%	76 - 135	4	18	8111147		11/09/08 15:01
4-Methyl-2-pentanone		112	MNR1	ug/L	100	112%	67 - 143	7	31	8111147		11/09/08 15:01
Naphthalene		22.6	MNR1	ug/L	20.0	113%	62 - 141	7	39	8111147		11/09/08 15:01
n-Propylbenzene		18.7	MNR1	ug/L	20.0	94%	80 - 132	2	17	8111147		11/09/08 15:01
Styrene		21.9	MNR1	ug/L	20.0	109%	80 - 139	2	16	8111147		11/09/08 15:01
1,1,1,2-Tetrachloroethane		21.0	MNR1	ug/L	20.0	105%	80 - 135	2	17	8111147		11/09/08 15:01
1,1,2,2-Tetrachloroethane		20.2	MNR1	ug/L	20.0	101%	65 - 145	7	28	8111147		11/09/08 15:01
Tetrachloroethene		21.9	MNR1	ug/L	20.0	109%	80 - 125	2	27	8111147		11/09/08 15:01
Toluene		20.4	MNR1	ug/L	20.0	102%	80 - 125	3	19	8111147		11/09/08 15:01
1,2,3-Trichlorobenzene		24.8	MNR1	ug/L	20.0	124%	57 - 144	5	31	8111147		11/09/08 15:01
1,2,4-Trichlorobenzene		21.5	MNR1	ug/L	20.0	107%	60 - 140	8	26	8111147		11/09/08 15:01
1,1,2-Trichloroethane		21.9	MNR1	ug/L	20.0	110%	80 - 122	4	21	8111147		11/09/08 15:01
1,1,1-Trichloroethane		20.3	MNR1	ug/L	20.0	102%	80 - 131	0.4	16	8111147		11/09/08 15:01
Trichloroethene		21.6	MNR1	ug/L	20.0	108%	80 - 131	3	28	8111147		11/09/08 15:01
Trichlorofluoromethane		20.9	MNR1	ug/L	20.0	104%	68 - 125	3	20	8111147		11/09/08 15:01
1,2,3-Trichloropropane		17.8	MNR1	ug/L	20.0	89%	60 - 127	4	26	8111147		11/09/08 15:01
1,3,5-Trimethylbenzene		19.3	MNR1	ug/L	20.0	96%	80 - 129	4	16	8111147		11/09/08 15:01
1,2,4-Trimethylbenzene		19.3	MNR1	ug/L	20.0	97%	80 - 128	3	22	8111147		11/09/08 15:01
Vinyl chloride		19.7	MNR1	ug/L	20.0	99%	69 - 120	3	26	8111147		11/09/08 15:01
Xylenes, total		62.4	MNR1	ug/L	60.0	104%	80 - 129	2	18	8111147		11/09/08 15:01
Surrogate: 1,2-Dichloroethane-d4		27.5		ug/L	30.0	92%	60 - 140			8111147		11/09/08 15:01
Surrogate: Dibromofluoromethane		29.4		ug/L	30.0	98%	75 - 124			8111147		11/09/08 15:01
Surrogate: Toluene-d8		30.2		ug/L	30.0	101%	78 - 121			8111147		11/09/08 15:01
Surrogate: 4-Bromofluorobenzene		26.7		ug/L	30.0	89%	79 - 124			8111147		11/09/08 15:01
8111174-BSD1												
Acetone		247		ug/L	250	99%	62 - 150	5	29	8111174		11/09/08 02:26
Benzene		48.4		ug/L	50.0	97%	80 - 137	0.2	23	8111174		11/09/08 02:26
Bromobenzene		43.3		ug/L	50.0	87%	74 - 131	2	18	8111174		11/09/08 02:26
Bromochloromethane		50.2		ug/L	50.0	100%	80 - 128	0.6	18	8111174		11/09/08 02:26
Bromodichloromethane		51.9		ug/L	50.0	104%	80 - 129	0.8	18	8111174		11/09/08 02:26
Bromoform		51.9		ug/L	50.0	104%	69 - 127	0.6	24	8111174		11/09/08 02:26
Bromomethane		43.2		ug/L	50.0	86%	62 - 148	0.9	45	8111174		11/09/08 02:26
2-Butanone		235		ug/L	250	94%	77 - 141	2	36	8111174		11/09/08 02:26
sec-Butylbenzene		46.7		ug/L	50.0	93%	78 - 133	2	17	8111174		11/09/08 02:26
n-Butylbenzene		41.4		ug/L	50.0	83%	72 - 136	5	18	8111174		11/09/08 02:26
tert-Butylbenzene		47.6		ug/L	50.0	95%	77 - 135	1	17	8111174		11/09/08 02:26
Carbon disulfide		53.5		ug/L	50.0	107%	80 - 126	2	16	8111174		11/09/08 02:26

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111174-BSD1												
Carbon Tetrachloride		46.7		ug/L	50.0	93%	76 - 143	2	29	8111174		11/09/08 02:26
Chlorobenzene		51.7		ug/L	50.0	103%	80 - 120	0.4	27	8111174		11/09/08 02:26
Chlorodibromomethane		48.9		ug/L	50.0	98%	76 - 123	3	21	8111174		11/09/08 02:26
Chloroethane		40.8		ug/L	50.0	82%	77 - 127	0.6	32	8111174		11/09/08 02:26
Chloroform		44.6		ug/L	50.0	89%	80 - 133	1	28	8111174		11/09/08 02:26
Chloromethane		33.3		ug/L	50.0	67%	33 - 125	3	21	8111174		11/09/08 02:26
2-Chlorotoluene		45.5		ug/L	50.0	91%	80 - 127	2	16	8111174		11/09/08 02:26
4-Chlorotoluene		45.8		ug/L	50.0	92%	80 - 127	3	17	8111174		11/09/08 02:26
1,2-Dibromo-3-chloropropane		48.2		ug/L	50.0	96%	60 - 136	4	29	8111174		11/09/08 02:26
1,2-Dibromoethane (EDB)		53.2		ug/L	50.0	106%	80 - 125	3	21	8111174		11/09/08 02:26
Dibromomethane		47.1		ug/L	50.0	94%	80 - 124	0.3	20	8111174		11/09/08 02:26
1,4-Dichlorobenzene		49.9		ug/L	50.0	100%	80 - 120	4	19	8111174		11/09/08 02:26
1,3-Dichlorobenzene		48.5		ug/L	50.0	97%	80 - 123	4	18	8111174		11/09/08 02:26
1,2-Dichlorobenzene		46.0		ug/L	50.0	92%	80 - 122	6	23	8111174		11/09/08 02:26
Dichlorodifluoromethane		39.5		ug/L	50.0	79%	36 - 120	4	14	8111174		11/09/08 02:26
1,1-Dichloroethane		47.0		ug/L	50.0	94%	76 - 130	1	15	8111174		11/09/08 02:26
1,2-Dichloroethane		44.1		ug/L	50.0	88%	69 - 136	0.5	26	8111174		11/09/08 02:26
cis-1,2-Dichloroethene		46.9		ug/L	50.0	94%	80 - 129	0.1	14	8111174		11/09/08 02:26
1,1-Dichloroethene		50.8		ug/L	50.0	102%	80 - 127	3	26	8111174		11/09/08 02:26
trans-1,2-Dichloroethene		47.2		ug/L	50.0	94%	80 - 131	0.9	14	8111174		11/09/08 02:26
1,3-Dichloropropane		49.0		ug/L	50.0	98%	80 - 122	3	21	8111174		11/09/08 02:26
1,2-Dichloropropane		45.2		ug/L	50.0	90%	80 - 120	0.2	16	8111174		11/09/08 02:26
2,2-Dichloropropane		39.9		ug/L	50.0	80%	62 - 142	2	14	8111174		11/09/08 02:26
cis-1,3-Dichloropropene		49.8		ug/L	50.0	100%	76 - 135	1	19	8111174		11/09/08 02:26
trans-1,3-Dichloropropene		41.9		ug/L	50.0	84%	70 - 137	0.6	20	8111174		11/09/08 02:26
1,1-Dichloropropene		49.0		ug/L	50.0	98%	80 - 127	0.3	14	8111174		11/09/08 02:26
Ethylbenzene		50.2		ug/L	50.0	100%	80 - 128	0.4	17	8111174		11/09/08 02:26
Hexachlorobutadiene		61.8		ug/L	50.0	124%	68 - 148	4	34	8111174		11/09/08 02:26
2-Hexanone		238		ug/L	250	95%	69 - 148	3	34	8111174		11/09/08 02:26
Isopropylbenzene		49.3		ug/L	50.0	99%	80 - 121	0.08	18	8111174		11/09/08 02:26
p-Isopropyltoluene		45.7		ug/L	50.0	91%	79 - 127	2	17	8111174		11/09/08 02:26
Methyl tert-Butyl Ether		48.7		ug/L	50.0	97%	70 - 129	2	32	8111174		11/09/08 02:26
Methylene Chloride		45.2		ug/L	50.0	90%	76 - 135	0.5	18	8111174		11/09/08 02:26
4-Methyl-2-pentanone		230		ug/L	250	92%	67 - 143	0.2	31	8111174		11/09/08 02:26
Naphthalene		51.4		ug/L	50.0	103%	62 - 141	5	39	8111174		11/09/08 02:26
n-Propylbenzene		43.9		ug/L	50.0	88%	80 - 132	1	17	8111174		11/09/08 02:26
Styrene		54.4		ug/L	50.0	109%	80 - 139	0.9	16	8111174		11/09/08 02:26
1,1,1,2-Tetrachloroethane		48.9		ug/L	50.0	98%	80 - 135	0.7	17	8111174		11/09/08 02:26
1,1,2,2-Tetrachloroethane		43.2		ug/L	50.0	86%	65 - 145	2	28	8111174		11/09/08 02:26
Tetrachloroethene		54.2		ug/L	50.0	108%	80 - 125	2	27	8111174		11/09/08 02:26
Toluene		49.0		ug/L	50.0	98%	80 - 125	0.5	19	8111174		11/09/08 02:26

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111174-BSD1												
1,2,3-Trichlorobenzene		58.3		ug/L	50.0	117%	57 - 144	8	31	8111174		11/09/08 02:26
1,2,4-Trichlorobenzene		51.8		ug/L	50.0	104%	60 - 140	6	26	8111174		11/09/08 02:26
1,1,2-Trichloroethane		51.2		ug/L	50.0	102%	80 - 122	2	21	8111174		11/09/08 02:26
1,1,1-Trichloroethane		50.2		ug/L	50.0	100%	80 - 131	2	16	8111174		11/09/08 02:26
Trichloroethene		55.7		ug/L	50.0	111%	80 - 131	1	28	8111174		11/09/08 02:26
Trichlorofluoromethane		42.3		ug/L	50.0	85%	68 - 125	2	20	8111174		11/09/08 02:26
1,2,3-Trichloropropane		40.6		ug/L	50.0	81%	60 - 127	3	26	8111174		11/09/08 02:26
1,3,5-Trimethylbenzene		45.9		ug/L	50.0	92%	80 - 129	0.9	16	8111174		11/09/08 02:26
1,2,4-Trimethylbenzene		46.8		ug/L	50.0	94%	80 - 128	2	22	8111174		11/09/08 02:26
Vinyl chloride		39.5		ug/L	50.0	79%	69 - 120	2	26	8111174		11/09/08 02:26
Xylenes, total		150		ug/L	150	100%	80 - 129	0.7	18	8111174		11/09/08 02:26
Surrogate: 1,2-Dichloroethane-d4		25.8		ug/L	30.0	86%	60 - 140			8111174		11/09/08 02:26
Surrogate: Dibromofluoromethane		28.7		ug/L	30.0	96%	75 - 124			8111174		11/09/08 02:26
Surrogate: Toluene-d8		29.6		ug/L	30.0	99%	78 - 121			8111174		11/09/08 02:26
Surrogate: 4-Bromofluorobenzene		26.7		ug/L	30.0	89%	79 - 124			8111174		11/09/08 02:26
8112119-BSD1												
Acetone		205		ug/L	250	82%	62 - 150	5	29	8112119		11/09/08 03:13
Benzene		45.5		ug/L	50.0	91%	80 - 137	1	23	8112119		11/09/08 03:13
Bromobenzene		46.3		ug/L	50.0	93%	74 - 131	1	18	8112119		11/09/08 03:13
Bromochloromethane		44.2		ug/L	50.0	88%	80 - 128	2	18	8112119		11/09/08 03:13
Bromodichloromethane		54.4		ug/L	50.0	109%	80 - 129	0.6	18	8112119		11/09/08 03:13
Bromoform		45.8		ug/L	50.0	92%	69 - 127	2	24	8112119		11/09/08 03:13
Bromomethane		49.3		ug/L	50.0	99%	62 - 148	5	45	8112119		11/09/08 03:13
2-Butanone		210		ug/L	250	84%	77 - 141	0.4	36	8112119		11/09/08 03:13
sec-Butylbenzene		48.1		ug/L	50.0	96%	78 - 133	1	17	8112119		11/09/08 03:13
n-Butylbenzene		49.6		ug/L	50.0	99%	72 - 136	2	18	8112119		11/09/08 03:13
tert-Butylbenzene		47.3		ug/L	50.0	95%	77 - 135	1	17	8112119		11/09/08 03:13
Carbon disulfide		50.5		ug/L	50.0	101%	80 - 126	0.06	16	8112119		11/09/08 03:13
Carbon Tetrachloride		54.8		ug/L	50.0	110%	76 - 143	0.7	29	8112119		11/09/08 03:13
Chlorobenzene		45.2		ug/L	50.0	90%	80 - 120	2	27	8112119		11/09/08 03:13
Chlorodibromomethane		45.6		ug/L	50.0	91%	76 - 123	0.8	21	8112119		11/09/08 03:13
Chloroethane		40.4		ug/L	50.0	81%	77 - 127	3	32	8112119		11/09/08 03:13
Chloroform		46.7		ug/L	50.0	93%	80 - 133	0.2	28	8112119		11/09/08 03:13
Chloromethane		40.1		ug/L	50.0	80%	33 - 125	11	21	8112119		11/09/08 03:13
2-Chlorotoluene		47.0		ug/L	50.0	94%	80 - 127	2	16	8112119		11/09/08 03:13
4-Chlorotoluene		47.0		ug/L	50.0	94%	80 - 127	2	17	8112119		11/09/08 03:13
1,2-Dibromo-3-chloropropane		39.6		ug/L	50.0	79%	60 - 136	0.6	29	8112119		11/09/08 03:13
1,2-Dibromoethane (EDB)		45.5		ug/L	50.0	91%	80 - 125	2	21	8112119		11/09/08 03:13
Dibromomethane		45.6		ug/L	50.0	91%	80 - 124	0.5	20	8112119		11/09/08 03:13
1,4-Dichlorobenzene		43.7		ug/L	50.0	87%	80 - 120	2	19	8112119		11/09/08 03:13

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8112119-BSD1												
1,3-Dichlorobenzene		44.8		ug/L	50.0	90%	80 - 123	2	18	8112119		11/09/08 03:13
1,2-Dichlorobenzene		44.8		ug/L	50.0	90%	80 - 122	2	23	8112119		11/09/08 03:13
Dichlorodifluoromethane		35.8		ug/L	50.0	72%	36 - 120	1	14	8112119		11/09/08 03:13
1,1-Dichloroethane		48.2		ug/L	50.0	96%	76 - 130	1	15	8112119		11/09/08 03:13
1,2-Dichloroethane		48.8		ug/L	50.0	98%	69 - 136	1	26	8112119		11/09/08 03:13
cis-1,2-Dichloroethene		48.2		ug/L	50.0	96%	80 - 129	2	14	8112119		11/09/08 03:13
1,1-Dichloroethene		47.7		ug/L	50.0	95%	80 - 127	0.5	26	8112119		11/09/08 03:13
trans-1,2-Dichloroethene		52.8		ug/L	50.0	106%	80 - 131	1	14	8112119		11/09/08 03:13
1,3-Dichloropropane		44.8		ug/L	50.0	90%	80 - 122	1	21	8112119		11/09/08 03:13
1,2-Dichloropropane		45.1		ug/L	50.0	90%	80 - 120	0.4	16	8112119		11/09/08 03:13
2,2-Dichloropropane		43.5		ug/L	50.0	87%	62 - 142	0.6	14	8112119		11/09/08 03:13
cis-1,3-Dichloropropene		48.9		ug/L	50.0	98%	76 - 135	3	19	8112119		11/09/08 03:13
trans-1,3-Dichloropropene		48.3		ug/L	50.0	97%	70 - 137	2	20	8112119		11/09/08 03:13
1,1-Dichloropropene		47.6		ug/L	50.0	95%	80 - 127	1	14	8112119		11/09/08 03:13
Ethylbenzene		46.7		ug/L	50.0	93%	80 - 128	2	17	8112119		11/09/08 03:13
Hexachlorobutadiene		44.5		ug/L	50.0	89%	68 - 148	2	34	8112119		11/09/08 03:13
2-Hexanone		215		ug/L	250	86%	69 - 148	2	34	8112119		11/09/08 03:13
Isopropylbenzene		46.3		ug/L	50.0	93%	80 - 121	2	18	8112119		11/09/08 03:13
p-Isopropyltoluene		46.8		ug/L	50.0	94%	79 - 127	2	17	8112119		11/09/08 03:13
Methyl tert-Butyl Ether		50.0		ug/L	50.0	100%	70 - 129	2	32	8112119		11/09/08 03:13
Methylene Chloride		45.5		ug/L	50.0	91%	76 - 135	3	18	8112119		11/09/08 03:13
4-Methyl-2-pentanone		211		ug/L	250	84%	67 - 143	2	31	8112119		11/09/08 03:13
Naphthalene		46.2		ug/L	50.0	92%	62 - 141	1	39	8112119		11/09/08 03:13
n-Propylbenzene		46.9		ug/L	50.0	94%	80 - 132	2	17	8112119		11/09/08 03:13
Styrene		51.1		ug/L	50.0	102%	80 - 139	2	16	8112119		11/09/08 03:13
1,1,1,2-Tetrachloroethane		52.8		ug/L	50.0	106%	80 - 135	0.6	17	8112119		11/09/08 03:13
1,1,2,2-Tetrachloroethane		43.8		ug/L	50.0	88%	65 - 145	0.8	28	8112119		11/09/08 03:13
Tetrachloroethene		44.4		ug/L	50.0	89%	80 - 125	2	27	8112119		11/09/08 03:13
Toluene		44.8		ug/L	50.0	90%	80 - 125	1	19	8112119		11/09/08 03:13
1,2,3-Trichlorobenzene		43.9		ug/L	50.0	88%	57 - 144	2	31	8112119		11/09/08 03:13
1,2,4-Trichlorobenzene		44.6		ug/L	50.0	89%	60 - 140	2	26	8112119		11/09/08 03:13
1,1,2-Trichloroethane		45.8		ug/L	50.0	92%	80 - 122	0.9	21	8112119		11/09/08 03:13
1,1,1-Trichloroethane		51.0		ug/L	50.0	102%	80 - 131	0.4	16	8112119		11/09/08 03:13
Trichloroethene		46.7		ug/L	50.0	93%	80 - 131	2	28	8112119		11/09/08 03:13
Trichlorofluoromethane		43.6		ug/L	50.0	87%	68 - 125	0.09	20	8112119		11/09/08 03:13
1,2,3-Trichloropropane		41.1		ug/L	50.0	82%	60 - 127	2	26	8112119		11/09/08 03:13
1,3,5-Trimethylbenzene		47.5		ug/L	50.0	95%	80 - 129	3	16	8112119		11/09/08 03:13
1,2,4-Trimethylbenzene		47.9		ug/L	50.0	96%	80 - 128	2	22	8112119		11/09/08 03:13
Vinyl chloride		38.4		ug/L	50.0	77%	69 - 120	2	26	8112119		11/09/08 03:13
Xylenes, total		142		ug/L	150	95%	80 - 129	1	18	8112119		11/09/08 03:13
Surrogate: 1,2-Dichloroethane-d4		26.4		ug/L	25.0	106%	60 - 140			8112119		11/09/08 03:13

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8112119-BSD1												
Surrogate: Dibromofluoromethane		26.3		ug/L	25.0	105%	75 - 124			8112119		11/09/08 03:13
Surrogate: Toluene-d8		24.9		ug/L	25.0	100%	78 - 121			8112119		11/09/08 03:13
Surrogate: 4-Bromofluorobenzene		26.2		ug/L	25.0	105%	79 - 124			8112119		11/09/08 03:13
8112279-BSD1												
Acetone		270		ug/L	250	108%	62 - 150	12	29	8112279		11/10/08 10:41
Benzene		47.2		ug/L	50.0	94%	80 - 137	0.2	23	8112279		11/10/08 10:41
Bromobenzene		48.1		ug/L	50.0	96%	74 - 131	1	18	8112279		11/10/08 10:41
Bromochloromethane		46.9		ug/L	50.0	94%	80 - 128	1	18	8112279		11/10/08 10:41
Bromodichloromethane		56.6		ug/L	50.0	113%	80 - 129	1	18	8112279		11/10/08 10:41
Bromoform		50.2		ug/L	50.0	100%	69 - 127	0.2	24	8112279		11/10/08 10:41
Bromomethane		51.2		ug/L	50.0	102%	62 - 148	0.5	45	8112279		11/10/08 10:41
2-Butanone		236		ug/L	250	94%	77 - 141	4	36	8112279		11/10/08 10:41
sec-Butylbenzene		48.8		ug/L	50.0	98%	78 - 133	0.2	17	8112279		11/10/08 10:41
n-Butylbenzene		50.0		ug/L	50.0	100%	72 - 136	0.4	18	8112279		11/10/08 10:41
tert-Butylbenzene		48.1		ug/L	50.0	96%	77 - 135	0.2	17	8112279		11/10/08 10:41
Carbon disulfide		51.9		ug/L	50.0	104%	80 - 126	0.1	16	8112279		11/10/08 10:41
Carbon Tetrachloride		57.0		ug/L	50.0	114%	76 - 143	0.5	29	8112279		11/10/08 10:41
Chlorobenzene		46.3		ug/L	50.0	93%	80 - 120	1	27	8112279		11/10/08 10:41
Chlorodibromomethane		49.3		ug/L	50.0	99%	76 - 123	0.08	21	8112279		11/10/08 10:41
Chloroethane		46.6		ug/L	50.0	93%	77 - 127	0.3	32	8112279		11/10/08 10:41
Chloroform		48.2		ug/L	50.0	96%	80 - 133	0.02	28	8112279		11/10/08 10:41
Chloromethane		44.0		ug/L	50.0	88%	33 - 125	0.9	21	8112279		11/10/08 10:41
2-Chlorotoluene		48.4		ug/L	50.0	97%	80 - 127	0.5	16	8112279		11/10/08 10:41
4-Chlorotoluene		48.7		ug/L	50.0	97%	80 - 127	0.2	17	8112279		11/10/08 10:41
1,2-Dibromo-3-chloropropane		44.6		ug/L	50.0	89%	60 - 136	2	29	8112279		11/10/08 10:41
1,2-Dibromoethane (EDB)		49.0		ug/L	50.0	98%	80 - 125	0.3	21	8112279		11/10/08 10:41
Dibromomethane		49.6		ug/L	50.0	99%	80 - 124	0.1	20	8112279		11/10/08 10:41
1,4-Dichlorobenzene		45.6		ug/L	50.0	91%	80 - 120	0.2	19	8112279		11/10/08 10:41
1,3-Dichlorobenzene		46.3		ug/L	50.0	93%	80 - 123	0.3	18	8112279		11/10/08 10:41
1,2-Dichlorobenzene		46.9		ug/L	50.0	94%	80 - 122	0.4	23	8112279		11/10/08 10:41
Dichlorodifluoromethane		40.4		ug/L	50.0	81%	36 - 120	0.1	14	8112279		11/10/08 10:41
1,1-Dichloroethane		50.3		ug/L	50.0	101%	76 - 130	0.5	15	8112279		11/10/08 10:41
1,2-Dichloroethane		51.6		ug/L	50.0	103%	69 - 136	1	26	8112279		11/10/08 10:41
cis-1,2-Dichloroethene		49.3		ug/L	50.0	99%	80 - 129	0.2	14	8112279		11/10/08 10:41
1,1-Dichloroethene		48.8		ug/L	50.0	98%	80 - 127	0.3	26	8112279		11/10/08 10:41
trans-1,2-Dichloroethene		50.4		ug/L	50.0	101%	80 - 131	0.4	14	8112279		11/10/08 10:41
1,3-Dichloropropane		47.5		ug/L	50.0	95%	80 - 122	0.3	21	8112279		11/10/08 10:41
1,2-Dichloropropane		46.3		ug/L	50.0	93%	80 - 120	0.4	16	8112279		11/10/08 10:41
2,2-Dichloropropane		41.8		ug/L	50.0	84%	62 - 142	0.6	14	8112279		11/10/08 10:41
cis-1,3-Dichloropropene		50.6		ug/L	50.0	101%	76 - 135	1	19	8112279		11/10/08 10:41

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8112279-BS01												
trans-1,3-Dichloropropene		52.2		ug/L	50.0	104%	70 - 137	0.5	20	8112279		11/10/08 10:41
1,1-Dichloropropene		49.2		ug/L	50.0	98%	80 - 127	0.3	14	8112279		11/10/08 10:41
Ethylbenzene		48.0		ug/L	50.0	96%	80 - 128	1	17	8112279		11/10/08 10:41
Hexachlorobutadiene		44.6		ug/L	50.0	89%	68 - 148	1	34	8112279		11/10/08 10:41
2-Hexanone		246		ug/L	250	98%	69 - 148	0.6	34	8112279		11/10/08 10:41
Isopropylbenzene		46.7		ug/L	50.0	93%	80 - 121	0.7	18	8112279		11/10/08 10:41
p-Isopropyltoluene		47.3		ug/L	50.0	95%	79 - 127	0.6	17	8112279		11/10/08 10:41
Methyl tert-Butyl Ether		51.3		ug/L	50.0	103%	70 - 129	0.3	32	8112279		11/10/08 10:41
Methylene Chloride		48.4		ug/L	50.0	97%	76 - 135	0.2	18	8112279		11/10/08 10:41
4-Methyl-2-pentanone		241		ug/L	250	96%	67 - 143	0.5	31	8112279		11/10/08 10:41
Naphthalene		50.4		ug/L	50.0	101%	62 - 141	1	39	8112279		11/10/08 10:41
n-Propylbenzene		47.4		ug/L	50.0	95%	80 - 132	0.4	17	8112279		11/10/08 10:41
Styrene		52.3		ug/L	50.0	105%	80 - 139	0.5	16	8112279		11/10/08 10:41
1,1,1,2-Tetrachloroethane		55.3		ug/L	50.0	111%	80 - 135	0.6	17	8112279		11/10/08 10:41
1,1,2,2-Tetrachloroethane		47.0		ug/L	50.0	94%	65 - 145	3	28	8112279		11/10/08 10:41
Tetrachloroethene		45.9		ug/L	50.0	92%	80 - 125	0.07	27	8112279		11/10/08 10:41
Toluene		46.5		ug/L	50.0	93%	80 - 125	0.7	19	8112279		11/10/08 10:41
1,2,3-Trichlorobenzene		46.5		ug/L	50.0	93%	57 - 144	0.2	31	8112279		11/10/08 10:41
1,2,4-Trichlorobenzene		46.9		ug/L	50.0	94%	60 - 140	0.8	26	8112279		11/10/08 10:41
1,1,2-Trichloroethane		48.0		ug/L	50.0	96%	80 - 122	1	21	8112279		11/10/08 10:41
1,1,1-Trichloroethane		52.4		ug/L	50.0	105%	80 - 131	0.5	16	8112279		11/10/08 10:41
Trichloroethene		49.0		ug/L	50.0	98%	80 - 131	2	28	8112279		11/10/08 10:41
Trichlorofluoromethane		41.4		ug/L	50.0	83%	68 - 125	0.4	20	8112279		11/10/08 10:41
1,2,3-Trichloropropane		46.1		ug/L	50.0	92%	60 - 127	1	26	8112279		11/10/08 10:41
1,3,5-Trimethylbenzene		49.1		ug/L	50.0	98%	80 - 129	0.2	16	8112279		11/10/08 10:41
1,2,4-Trimethylbenzene		49.4		ug/L	50.0	99%	80 - 128	0.4	22	8112279		11/10/08 10:41
Vinyl chloride		41.7		ug/L	50.0	83%	69 - 120	0.4	26	8112279		11/10/08 10:41
Xylenes, total		145		ug/L	150	97%	80 - 129	0.8	18	8112279		11/10/08 10:41
Surrogate: 1,2-Dichloroethane-d4		26.9		ug/L	25.0	108%	60 - 140			8112279		11/10/08 10:41
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	75 - 124			8112279		11/10/08 10:41
Surrogate: Toluene-d8		24.7		ug/L	25.0	99%	78 - 121			8112279		11/10/08 10:41
Surrogate: 4-Bromofluorobenzene		25.9		ug/L	25.0	104%	79 - 124			8112279		11/10/08 10:41

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8111174-MS1										
Acetone	3.18	208		ug/L	250	82%	55 - 148	8111174	NRK0594-11	11/09/08 23:09
Benzene	ND	48.0		ug/L	50.0	96%	68 - 143	8111174	NRK0594-11	11/09/08 23:09
Bromobenzene	ND	42.4		ug/L	50.0	85%	65 - 140	8111174	NRK0594-11	11/09/08 23:09
Bromochloromethane	ND	48.5		ug/L	50.0	97%	80 - 137	8111174	NRK0594-11	11/09/08 23:09
Bromodichloromethane	ND	51.2		ug/L	50.0	102%	80 - 132	8111174	NRK0594-11	11/09/08 23:09
Bromoform	ND	48.0		ug/L	50.0	96%	67 - 123	8111174	NRK0594-11	11/09/08 23:09
Bromomethane	ND	44.2		ug/L	50.0	88%	39 - 166	8111174	NRK0594-11	11/09/08 23:09
2-Butanone	ND	214		ug/L	250	86%	50 - 154	8111174	NRK0594-11	11/09/08 23:09
sec-Butylbenzene	ND	47.4		ug/L	50.0	95%	73 - 142	8111174	NRK0594-11	11/09/08 23:09
n-Butylbenzene	ND	46.1		ug/L	50.0	92%	64 - 147	8111174	NRK0594-11	11/09/08 23:09
tert-Butylbenzene	ND	46.9		ug/L	50.0	94%	70 - 148	8111174	NRK0594-11	11/09/08 23:09
Carbon disulfide	ND	53.9		ug/L	50.0	108%	79 - 147	8111174	NRK0594-11	11/09/08 23:09
Carbon Tetrachloride	ND	47.9		ug/L	50.0	96%	62 - 165	8111174	NRK0594-11	11/09/08 23:09
Chlorobenzene	ND	51.1		ug/L	50.0	102%	67 - 140	8111174	NRK0594-11	11/09/08 23:09
Chlorodibromomethane	ND	46.8		ug/L	50.0	94%	72 - 123	8111174	NRK0594-11	11/09/08 23:09
Chloroethane	ND	42.8		ug/L	50.0	86%	74 - 151	8111174	NRK0594-11	11/09/08 23:09
Chloroform	ND	43.7		ug/L	50.0	87%	59 - 152	8111174	NRK0594-11	11/09/08 23:09
Chloromethane	ND	43.1		ug/L	50.0	86%	33 - 138	8111174	NRK0594-11	11/09/08 23:09
2-Chlorotoluene	ND	44.7		ug/L	50.0	89%	76 - 134	8111174	NRK0594-11	11/09/08 23:09
4-Chlorotoluene	ND	44.8		ug/L	50.0	90%	80 - 133	8111174	NRK0594-11	11/09/08 23:09
1,2-Dibromo-3-chloropropane	ND	48.9		ug/L	50.0	98%	60 - 136	8111174	NRK0594-11	11/09/08 23:09
1,2-Dibromoethane (EDB)	ND	51.0		ug/L	50.0	102%	80 - 132	8111174	NRK0594-11	11/09/08 23:09
Dibromomethane	ND	46.0		ug/L	50.0	92%	79 - 131	8111174	NRK0594-11	11/09/08 23:09
1,4-Dichlorobenzene	ND	47.3		ug/L	50.0	95%	80 - 126	8111174	NRK0594-11	11/09/08 23:09
1,3-Dichlorobenzene	ND	47.1		ug/L	50.0	94%	75 - 132	8111174	NRK0594-11	11/09/08 23:09
1,2-Dichlorobenzene	ND	48.4		ug/L	50.0	97%	80 - 130	8111174	NRK0594-11	11/09/08 23:09
Dichlorodifluoromethane	ND	52.4		ug/L	50.0	105%	36 - 146	8111174	NRK0594-11	11/09/08 23:09
1,1-Dichloroethane	ND	46.4		ug/L	50.0	93%	76 - 131	8111174	NRK0594-11	11/09/08 23:09
1,2-Dichloroethane	ND	43.2		ug/L	50.0	86%	53 - 146	8111174	NRK0594-11	11/09/08 23:09
cis-1,2-Dichloroethene	6.33	53.4		ug/L	50.0	94%	76 - 141	8111174	NRK0594-11	11/09/08 23:09
1,1-Dichloroethene	ND	53.3		ug/L	50.0	107%	63 - 157	8111174	NRK0594-11	11/09/08 23:09
trans-1,2-Dichloroethene	1.20	49.4		ug/L	50.0	96%	78 - 137	8111174	NRK0594-11	11/09/08 23:09
1,3-Dichloropropane	ND	47.6		ug/L	50.0	95%	76 - 130	8111174	NRK0594-11	11/09/08 23:09
1,2-Dichloropropane	ND	44.9		ug/L	50.0	90%	77 - 128	8111174	NRK0594-11	11/09/08 23:09
2,2-Dichloropropane	ND	47.2		ug/L	50.0	94%	62 - 145	8111174	NRK0594-11	11/09/08 23:09
cis-1,3-Dichloropropene	ND	49.4		ug/L	50.0	99%	71 - 140	8111174	NRK0594-11	11/09/08 23:09
trans-1,3-Dichloropropene	ND	41.4		ug/L	50.0	83%	65 - 137	8111174	NRK0594-11	11/09/08 23:09

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8111174-MS1										
1,1-Dichloropropene	ND	50.1		ug/L	50.0	100%	80 - 136	8111174	NRK0594-11	11/09/08 23:09
Ethylbenzene	ND	49.6		ug/L	50.0	99%	80 - 135	8111174	NRK0594-11	11/09/08 23:09
Hexachlorobutadiene	ND	69.0		ug/L	50.0	138%	48 - 155	8111174	NRK0594-11	11/09/08 23:09
2-Hexanone	ND	223		ug/L	250	89%	58 - 154	8111174	NRK0594-11	11/09/08 23:09
Isopropylbenzene	ND	49.8		ug/L	50.0	100%	80 - 135	8111174	NRK0594-11	11/09/08 23:09
p-Isopropyltoluene	ND	46.0		ug/L	50.0	92%	74 - 139	8111174	NRK0594-11	11/09/08 23:09
Methyl tert-Butyl Ether	ND	47.2		ug/L	50.0	94%	60 - 144	8111174	NRK0594-11	11/09/08 23:09
Methylene Chloride	ND	44.6		ug/L	50.0	89%	64 - 140	8111174	NRK0594-11	11/09/08 23:09
4-Methyl-2-pentanone	ND	223		ug/L	250	89%	55 - 153	8111174	NRK0594-11	11/09/08 23:09
Naphthalene	ND	47.5		ug/L	50.0	95%	50 - 154	8111174	NRK0594-11	11/09/08 23:09
n-Propylbenzene	ND	44.9		ug/L	50.0	90%	78 - 141	8111174	NRK0594-11	11/09/08 23:09
Styrene	ND	52.8		ug/L	50.0	106%	80 - 139	8111174	NRK0594-11	11/09/08 23:09
1,1,1,2-Tetrachloroethane	ND	47.6		ug/L	50.0	95%	75 - 140	8111174	NRK0594-11	11/09/08 23:09
1,1,2,2-Tetrachloroethane	ND	41.8		ug/L	50.0	84%	55 - 152	8111174	NRK0594-11	11/09/08 23:09
Tetrachloroethene	ND	54.8		ug/L	50.0	110%	67 - 150	8111174	NRK0594-11	11/09/08 23:09
Toluene	ND	48.7		ug/L	50.0	97%	75 - 139	8111174	NRK0594-11	11/09/08 23:09
1,2,3-Trichlorobenzene	ND	51.4		ug/L	50.0	103%	49 - 144	8111174	NRK0594-11	11/09/08 23:09
1,2,4-Trichlorobenzene	ND	51.2		ug/L	50.0	102%	55 - 135	8111174	NRK0594-11	11/09/08 23:09
1,1,2-Trichloroethane	ND	49.5		ug/L	50.0	99%	77 - 128	8111174	NRK0594-11	11/09/08 23:09
1,1,1-Trichloroethane	ND	51.4		ug/L	50.0	103%	80 - 136	8111174	NRK0594-11	11/09/08 23:09
Trichloroethene	15.4	70.7		ug/L	50.0	111%	57 - 158	8111174	NRK0594-11	11/09/08 23:09
Trichlorofluoromethane	ND	50.3		ug/L	50.0	101%	68 - 145	8111174	NRK0594-11	11/09/08 23:09
1,2,3-Trichloropropane	ND	38.3		ug/L	50.0	77%	55 - 137	8111174	NRK0594-11	11/09/08 23:09
1,3,5-Trimethylbenzene	ND	45.7		ug/L	50.0	91%	78 - 136	8111174	NRK0594-11	11/09/08 23:09
1,2,4-Trimethylbenzene	ND	47.1		ug/L	50.0	94%	70 - 143	8111174	NRK0594-11	11/09/08 23:09
Vinyl chloride	ND	48.5		ug/L	50.0	97%	49 - 156	8111174	NRK0594-11	11/09/08 23:09
Xylenes, total	ND	148		ug/L	150	99%	80 - 136	8111174	NRK0594-11	11/09/08 23:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>		26.4		ug/L	30.0	88%	60 - 140	8111174	NRK0594-11	11/09/08 23:09
<i>Surrogate: Dibromofluoromethane</i>		28.9		ug/L	30.0	96%	75 - 124	8111174	NRK0594-11	11/09/08 23:09
<i>Surrogate: Toluene-d8</i>		29.6		ug/L	30.0	99%	78 - 121	8111174	NRK0594-11	11/09/08 23:09
<i>Surrogate: 4-Bromofluorobenzene</i>		26.6		ug/L	30.0	89%	79 - 124	8111174	NRK0594-11	11/09/08 23:09
8112119-MS1										
Acetone	ND	226		ug/L	250	90%	55 - 148	8112119	NRK0594-17	11/09/08 10:44
Benzene	ND	47.8		ug/L	50.0	96%	68 - 143	8112119	NRK0594-17	11/09/08 10:44
Bromobenzene	ND	47.7		ug/L	50.0	95%	65 - 140	8112119	NRK0594-17	11/09/08 10:44
Bromochloromethane	ND	45.6		ug/L	50.0	91%	80 - 137	8112119	NRK0594-17	11/09/08 10:44
Bromodichloromethane	ND	56.3		ug/L	50.0	113%	80 - 132	8112119	NRK0594-17	11/09/08 10:44

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8112119-MS1										
Bromoform	ND	43.7		ug/L	50.0	87%	67 - 123	8112119	NRK0594-17	11/09/08 10:44
Bromomethane	ND	48.3		ug/L	50.0	97%	39 - 166	8112119	NRK0594-17	11/09/08 10:44
2-Butanone	ND	228		ug/L	250	91%	50 - 154	8112119	NRK0594-17	11/09/08 10:44
sec-Butylbenzene	ND	50.9		ug/L	50.0	102%	73 - 142	8112119	NRK0594-17	11/09/08 10:44
n-Butylbenzene	ND	52.1		ug/L	50.0	104%	64 - 147	8112119	NRK0594-17	11/09/08 10:44
tert-Butylbenzene	ND	49.4		ug/L	50.0	99%	70 - 148	8112119	NRK0594-17	11/09/08 10:44
Carbon disulfide	ND	53.4		ug/L	50.0	107%	79 - 147	8112119	NRK0594-17	11/09/08 10:44
Carbon Tetrachloride	ND	56.7		ug/L	50.0	113%	62 - 165	8112119	NRK0594-17	11/09/08 10:44
Chlorobenzene	ND	46.7		ug/L	50.0	93%	67 - 140	8112119	NRK0594-17	11/09/08 10:44
Chlorodibromomethane	ND	46.0		ug/L	50.0	92%	72 - 123	8112119	NRK0594-17	11/09/08 10:44
Chloroethane	ND	49.8		ug/L	50.0	100%	74 - 151	8112119	NRK0594-17	11/09/08 10:44
Chloroform	ND	49.2		ug/L	50.0	98%	59 - 152	8112119	NRK0594-17	11/09/08 10:44
Chloromethane	0.300	45.5		ug/L	50.0	90%	33 - 138	8112119	NRK0594-17	11/09/08 10:44
2-Chlorotoluene	ND	48.6		ug/L	50.0	97%	76 - 134	8112119	NRK0594-17	11/09/08 10:44
4-Chlorotoluene	ND	48.6		ug/L	50.0	97%	80 - 133	8112119	NRK0594-17	11/09/08 10:44
1,2-Dibromo-3-chloropropane	ND	40.5		ug/L	50.0	81%	60 - 136	8112119	NRK0594-17	11/09/08 10:44
1,2-Dibromoethane (EDB)	ND	47.6		ug/L	50.0	95%	80 - 132	8112119	NRK0594-17	11/09/08 10:44
Dibromomethane	ND	51.0		ug/L	50.0	102%	79 - 131	8112119	NRK0594-17	11/09/08 10:44
1,4-Dichlorobenzene	ND	45.7		ug/L	50.0	91%	80 - 126	8112119	NRK0594-17	11/09/08 10:44
1,3-Dichlorobenzene	ND	46.1		ug/L	50.0	92%	75 - 132	8112119	NRK0594-17	11/09/08 10:44
1,2-Dichlorobenzene	ND	46.3		ug/L	50.0	93%	80 - 130	8112119	NRK0594-17	11/09/08 10:44
Dichlorodifluoromethane	ND	49.1		ug/L	50.0	98%	36 - 146	8112119	NRK0594-17	11/09/08 10:44
1,1-Dichloroethane	ND	48.9		ug/L	50.0	98%	76 - 131	8112119	NRK0594-17	11/09/08 10:44
1,2-Dichloroethane	ND	53.6		ug/L	50.0	107%	53 - 146	8112119	NRK0594-17	11/09/08 10:44
cis-1,2-Dichloroethene	0.770	51.0		ug/L	50.0	100%	76 - 141	8112119	NRK0594-17	11/09/08 10:44
1,1-Dichloroethene	ND	52.2		ug/L	50.0	104%	63 - 157	8112119	NRK0594-17	11/09/08 10:44
trans-1,2-Dichloroethene	ND	53.1		ug/L	50.0	106%	78 - 137	8112119	NRK0594-17	11/09/08 10:44
1,3-Dichloropropane	ND	46.3		ug/L	50.0	93%	76 - 130	8112119	NRK0594-17	11/09/08 10:44
1,2-Dichloropropane	ND	49.5		ug/L	50.0	99%	77 - 128	8112119	NRK0594-17	11/09/08 10:44
2,2-Dichloropropane	ND	45.8		ug/L	50.0	92%	62 - 145	8112119	NRK0594-17	11/09/08 10:44
cis-1,3-Dichloropropene	ND	48.8		ug/L	50.0	98%	71 - 140	8112119	NRK0594-17	11/09/08 10:44
trans-1,3-Dichloropropene	ND	51.7		ug/L	50.0	103%	65 - 137	8112119	NRK0594-17	11/09/08 10:44
1,1-Dichloropropene	ND	51.4		ug/L	50.0	103%	80 - 136	8112119	NRK0594-17	11/09/08 10:44
Ethylbenzene	ND	48.4		ug/L	50.0	97%	80 - 135	8112119	NRK0594-17	11/09/08 10:44
Hexachlorobutadiene	ND	43.3		ug/L	50.0	87%	48 - 155	8112119	NRK0594-17	11/09/08 10:44
2-Hexanone	ND	242		ug/L	250	97%	58 - 154	8112119	NRK0594-17	11/09/08 10:44
Isopropylbenzene	ND	50.0		ug/L	50.0	100%	80 - 135	8112119	NRK0594-17	11/09/08 10:44

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8112119-MS1										
p-Isopropyltoluene	ND	50.6		ug/L	50.0	101%	74 - 139	8112119	NRK0594-17	11/09/08 10:44
Methyl tert-Butyl Ether	ND	51.0		ug/L	50.0	102%	60 - 144	8112119	NRK0594-17	11/09/08 10:44
Methylene Chloride	ND	49.8		ug/L	50.0	100%	64 - 140	8112119	NRK0594-17	11/09/08 10:44
4-Methyl-2-pentanone	ND	239		ug/L	250	95%	55 - 153	8112119	NRK0594-17	11/09/08 10:44
Naphthalene	ND	49.7		ug/L	50.0	99%	50 - 154	8112119	NRK0594-17	11/09/08 10:44
n-Propylbenzene	ND	49.3		ug/L	50.0	99%	78 - 141	8112119	NRK0594-17	11/09/08 10:44
Styrene	ND	50.2		ug/L	50.0	100%	80 - 139	8112119	NRK0594-17	11/09/08 10:44
1,1,1,2-Tetrachloroethane	ND	53.0		ug/L	50.0	106%	75 - 140	8112119	NRK0594-17	11/09/08 10:44
1,1,2,2-Tetrachloroethane	ND	47.4		ug/L	50.0	95%	55 - 152	8112119	NRK0594-17	11/09/08 10:44
Tetrachloroethene	ND	45.5		ug/L	50.0	91%	67 - 150	8112119	NRK0594-17	11/09/08 10:44
Toluene	ND	46.1		ug/L	50.0	92%	75 - 139	8112119	NRK0594-17	11/09/08 10:44
1,2,3-Trichlorobenzene	ND	45.4		ug/L	50.0	91%	49 - 144	8112119	NRK0594-17	11/09/08 10:44
1,2,4-Trichlorobenzene	ND	45.4		ug/L	50.0	91%	55 - 135	8112119	NRK0594-17	11/09/08 10:44
1,1,2-Trichloroethane	ND	46.4		ug/L	50.0	93%	77 - 128	8112119	NRK0594-17	11/09/08 10:44
1,1,1-Trichloroethane	ND	53.8		ug/L	50.0	108%	80 - 136	8112119	NRK0594-17	11/09/08 10:44
Trichloroethene	14.2	61.9		ug/L	50.0	95%	57 - 158	8112119	NRK0594-17	11/09/08 10:44
Trichlorofluoromethane	ND	54.2		ug/L	50.0	108%	68 - 145	8112119	NRK0594-17	11/09/08 10:44
1,2,3-Trichloropropane	ND	48.2		ug/L	50.0	96%	55 - 137	8112119	NRK0594-17	11/09/08 10:44
1,3,5-Trimethylbenzene	ND	50.0		ug/L	50.0	100%	78 - 136	8112119	NRK0594-17	11/09/08 10:44
1,2,4-Trimethylbenzene	ND	49.6		ug/L	50.0	99%	70 - 143	8112119	NRK0594-17	11/09/08 10:44
Vinyl chloride	ND	49.8		ug/L	50.0	100%	49 - 156	8112119	NRK0594-17	11/09/08 10:44
Xylenes, total	ND	146		ug/L	150	97%	80 - 136	8112119	NRK0594-17	11/09/08 10:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		28.4		ug/L	25.0	114%	60 - 140	8112119	NRK0594-17	11/09/08 10:44
<i>Surrogate: Dibromofluoromethane</i>		25.6		ug/L	25.0	102%	75 - 124	8112119	NRK0594-17	11/09/08 10:44
<i>Surrogate: Toluene-d8</i>		24.4		ug/L	25.0	97%	78 - 121	8112119	NRK0594-17	11/09/08 10:44
<i>Surrogate: 4-Bromofluorobenzene</i>		26.3		ug/L	25.0	105%	79 - 124	8112119	NRK0594-17	11/09/08 10:44
8112279-MS1										
Acetone	ND	219		ug/L	250	88%	55 - 148	8112279	NRK0543-02	11/10/08 19:58
Benzene	ND	43.8		ug/L	50.0	88%	68 - 143	8112279	NRK0543-02	11/10/08 19:58
Bromobenzene	ND	44.6		ug/L	50.0	89%	65 - 140	8112279	NRK0543-02	11/10/08 19:58
Bromochloromethane	ND	43.4		ug/L	50.0	87%	80 - 137	8112279	NRK0543-02	11/10/08 19:58
Bromodichloromethane	ND	51.6		ug/L	50.0	103%	80 - 132	8112279	NRK0543-02	11/10/08 19:58
Bromoform	ND	42.2		ug/L	50.0	84%	67 - 123	8112279	NRK0543-02	11/10/08 19:58
Bromomethane	ND	39.3		ug/L	50.0	79%	39 - 166	8112279	NRK0543-02	11/10/08 19:58
2-Butanone	ND	208		ug/L	250	83%	50 - 154	8112279	NRK0543-02	11/10/08 19:58
sec-Butylbenzene	ND	47.4		ug/L	50.0	95%	73 - 142	8112279	NRK0543-02	11/10/08 19:58
n-Butylbenzene	ND	49.5		ug/L	50.0	99%	64 - 147	8112279	NRK0543-02	11/10/08 19:58

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8112279-MS1										
tert-Butylbenzene	ND	46.4	M8	ug/L	50.0	93%	70 - 148	8112279	NRK0543-02	11/10/08 19:58
Carbon disulfide	ND	37.4		ug/L	50.0	75%	79 - 147	8112279	NRK0543-02	11/10/08 19:58
Carbon Tetrachloride	ND	52.6		ug/L	50.0	105%	62 - 165	8112279	NRK0543-02	11/10/08 19:58
Chlorobenzene	ND	43.6		ug/L	50.0	87%	67 - 140	8112279	NRK0543-02	11/10/08 19:58
Chlorodibromomethane	ND	42.6	M8	ug/L	50.0	85%	72 - 123	8112279	NRK0543-02	11/10/08 19:58
Chloroethane	ND	44.2		ug/L	50.0	88%	74 - 151	8112279	NRK0543-02	11/10/08 19:58
Chloroform	ND	47.1		ug/L	50.0	94%	59 - 152	8112279	NRK0543-02	11/10/08 19:58
Chloromethane	ND	34.8		ug/L	50.0	70%	33 - 138	8112279	NRK0543-02	11/10/08 19:58
2-Chlorotoluene	ND	45.4	M8	ug/L	50.0	91%	76 - 134	8112279	NRK0543-02	11/10/08 19:58
4-Chlorotoluene	ND	44.4		ug/L	50.0	89%	80 - 133	8112279	NRK0543-02	11/10/08 19:58
1,2-Dibromo-3-chloropropane	ND	39.0		ug/L	50.0	78%	60 - 136	8112279	NRK0543-02	11/10/08 19:58
1,2-Dibromoethane (EDB)	ND	44.5		ug/L	50.0	89%	80 - 132	8112279	NRK0543-02	11/10/08 19:58
Dibromomethane	ND	45.9	M8	ug/L	50.0	92%	79 - 131	8112279	NRK0543-02	11/10/08 19:58
1,4-Dichlorobenzene	ND	42.6		ug/L	50.0	85%	80 - 126	8112279	NRK0543-02	11/10/08 19:58
1,3-Dichlorobenzene	ND	42.9		ug/L	50.0	86%	75 - 132	8112279	NRK0543-02	11/10/08 19:58
1,2-Dichlorobenzene	ND	43.8		ug/L	50.0	88%	80 - 130	8112279	NRK0543-02	11/10/08 19:58
Dichlorodifluoromethane	ND	38.7	M8	ug/L	50.0	77%	36 - 146	8112279	NRK0543-02	11/10/08 19:58
1,1-Dichloroethane	ND	45.8		ug/L	50.0	92%	76 - 131	8112279	NRK0543-02	11/10/08 19:58
1,2-Dichloroethane	ND	48.5		ug/L	50.0	97%	53 - 146	8112279	NRK0543-02	11/10/08 19:58
cis-1,2-Dichloroethene	ND	48.0		ug/L	50.0	96%	76 - 141	8112279	NRK0543-02	11/10/08 19:58
1,1-Dichloroethene	ND	45.5	M8	ug/L	50.0	91%	63 - 157	8112279	NRK0543-02	11/10/08 19:58
trans-1,2-Dichloroethene	ND	45.4		ug/L	50.0	91%	78 - 137	8112279	NRK0543-02	11/10/08 19:58
1,3-Dichloropropane	ND	43.7		ug/L	50.0	87%	76 - 130	8112279	NRK0543-02	11/10/08 19:58
1,2-Dichloropropane	ND	43.9		ug/L	50.0	88%	77 - 128	8112279	NRK0543-02	11/10/08 19:58
2,2-Dichloropropane	ND	52.1	M8	ug/L	50.0	104%	62 - 145	8112279	NRK0543-02	11/10/08 19:58
cis-1,3-Dichloropropene	ND	47.7		ug/L	50.0	95%	71 - 140	8112279	NRK0543-02	11/10/08 19:58
trans-1,3-Dichloropropene	ND	49.0		ug/L	50.0	98%	65 - 137	8112279	NRK0543-02	11/10/08 19:58
1,1-Dichloropropene	ND	45.6		ug/L	50.0	91%	80 - 136	8112279	NRK0543-02	11/10/08 19:58
Ethylbenzene	ND	45.4	M8	ug/L	50.0	91%	80 - 135	8112279	NRK0543-02	11/10/08 19:58
Hexachlorobutadiene	ND	45.5		ug/L	50.0	91%	48 - 155	8112279	NRK0543-02	11/10/08 19:58
2-Hexanone	ND	228		ug/L	250	91%	58 - 154	8112279	NRK0543-02	11/10/08 19:58
Isopropylbenzene	ND	45.7		ug/L	50.0	91%	80 - 135	8112279	NRK0543-02	11/10/08 19:58
p-Isopropyltoluene	ND	45.6	M8	ug/L	50.0	91%	74 - 139	8112279	NRK0543-02	11/10/08 19:58
Methyl tert-Butyl Ether	ND	48.4		ug/L	50.0	97%	60 - 144	8112279	NRK0543-02	11/10/08 19:58
Methylene Chloride	ND	45.6		ug/L	50.0	91%	64 - 140	8112279	NRK0543-02	11/10/08 19:58
4-Methyl-2-pentanone	ND	225		ug/L	250	90%	55 - 153	8112279	NRK0543-02	11/10/08 19:58
Naphthalene	ND	47.6	M8	ug/L	50.0	95%	50 - 154	8112279	NRK0543-02	11/10/08 19:58

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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										
8112279-MS1										
n-Propylbenzene	ND	45.0		ug/L	50.0	90%	78 - 141	8112279	NRK0543-02	11/10/08 19:58
Styrene	ND	48.9		ug/L	50.0	98%	80 - 139	8112279	NRK0543-02	11/10/08 19:58
1,1,1,2-Tetrachloroethane	ND	50.4		ug/L	50.0	101%	75 - 140	8112279	NRK0543-02	11/10/08 19:58
1,1,2,2-Tetrachloroethane	ND	44.5		ug/L	50.0	89%	55 - 152	8112279	NRK0543-02	11/10/08 19:58
Tetrachloroethene	ND	41.7		ug/L	50.0	83%	67 - 150	8112279	NRK0543-02	11/10/08 19:58
Toluene	ND	43.0		ug/L	50.0	86%	75 - 139	8112279	NRK0543-02	11/10/08 19:58
1,2,3-Trichlorobenzene	ND	43.3		ug/L	50.0	87%	49 - 144	8112279	NRK0543-02	11/10/08 19:58
1,2,4-Trichlorobenzene	ND	44.2		ug/L	50.0	88%	55 - 135	8112279	NRK0543-02	11/10/08 19:58
1,1,2-Trichloroethane	ND	45.1		ug/L	50.0	90%	77 - 128	8112279	NRK0543-02	11/10/08 19:58
1,1,1-Trichloroethane	ND	51.3		ug/L	50.0	103%	80 - 136	8112279	NRK0543-02	11/10/08 19:58
Trichloroethene	ND	44.4		ug/L	50.0	89%	57 - 158	8112279	NRK0543-02	11/10/08 19:58
Trichlorofluoromethane	ND	40.5		ug/L	50.0	81%	68 - 145	8112279	NRK0543-02	11/10/08 19:58
1,2,3-Trichloropropane	ND	42.4		ug/L	50.0	85%	55 - 137	8112279	NRK0543-02	11/10/08 19:58
1,3,5-Trimethylbenzene	ND	45.9		ug/L	50.0	92%	78 - 136	8112279	NRK0543-02	11/10/08 19:58
1,2,4-Trimethylbenzene	ND	44.8		ug/L	50.0	90%	70 - 143	8112279	NRK0543-02	11/10/08 19:58
Vinyl chloride	ND	38.4		ug/L	50.0	77%	49 - 156	8112279	NRK0543-02	11/10/08 19:58
Xylenes, total	ND	137		ug/L	150	91%	80 - 136	8112279	NRK0543-02	11/10/08 19:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		27.6		ug/L	25.0	110%	60 - 140	8112279	NRK0543-02	11/10/08 19:58
<i>Surrogate: Dibromofluoromethane</i>		25.4		ug/L	25.0	102%	75 - 124	8112279	NRK0543-02	11/10/08 19:58
<i>Surrogate: Toluene-d8</i>		24.5		ug/L	25.0	98%	78 - 121	8112279	NRK0543-02	11/10/08 19:58
<i>Surrogate: 4-Bromofluorobenzene</i>		25.8		ug/L	25.0	103%	79 - 124	8112279	NRK0543-02	11/10/08 19:58

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
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Received: 11/07/08 08:15

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												
8111174-MSD1												
Acetone	3.18	227		ug/L	250	90%	55 - 148	9	29	8111174	NRK0594-11	11/09/08 23:35
Benzene	ND	51.1		ug/L	50.0	102%	68 - 143	6	23	8111174	NRK0594-11	11/09/08 23:35
Bromobenzene	ND	49.2		ug/L	50.0	98%	65 - 140	15	18	8111174	NRK0594-11	11/09/08 23:35
Bromochloromethane	ND	51.7		ug/L	50.0	103%	80 - 137	6	18	8111174	NRK0594-11	11/09/08 23:35
Bromodichloromethane	ND	54.5		ug/L	50.0	109%	80 - 132	6	18	8111174	NRK0594-11	11/09/08 23:35
Bromoform	ND	52.8		ug/L	50.0	106%	67 - 123	10	24	8111174	NRK0594-11	11/09/08 23:35
Bromomethane	ND	49.2		ug/L	50.0	98%	39 - 166	11	45	8111174	NRK0594-11	11/09/08 23:35
2-Butanone	ND	238		ug/L	250	95%	50 - 154	11	36	8111174	NRK0594-11	11/09/08 23:35
sec-Butylbenzene	ND	51.7		ug/L	50.0	103%	73 - 142	9	17	8111174	NRK0594-11	11/09/08 23:35
n-Butylbenzene	ND	50.4		ug/L	50.0	101%	64 - 147	9	18	8111174	NRK0594-11	11/09/08 23:35
tert-Butylbenzene	ND	51.3		ug/L	50.0	103%	70 - 148	9	17	8111174	NRK0594-11	11/09/08 23:35
Carbon disulfide	ND	57.8		ug/L	50.0	116%	79 - 147	7	16	8111174	NRK0594-11	11/09/08 23:35
Carbon Tetrachloride	ND	51.5		ug/L	50.0	103%	62 - 165	7	29	8111174	NRK0594-11	11/09/08 23:35
Chlorobenzene	ND	54.0		ug/L	50.0	108%	67 - 140	5	27	8111174	NRK0594-11	11/09/08 23:35
Chlorodibromomethane	ND	50.4		ug/L	50.0	101%	72 - 123	7	21	8111174	NRK0594-11	11/09/08 23:35
Chloroethane	ND	45.0		ug/L	50.0	90%	74 - 151	5	32	8111174	NRK0594-11	11/09/08 23:35
Chloroform	ND	46.8		ug/L	50.0	94%	59 - 152	7	28	8111174	NRK0594-11	11/09/08 23:35
Chloromethane	ND	44.6		ug/L	50.0	89%	33 - 138	3	21	8111174	NRK0594-11	11/09/08 23:35
2-Chlorotoluene	ND	48.7		ug/L	50.0	97%	76 - 134	9	16	8111174	NRK0594-11	11/09/08 23:35
4-Chlorotoluene	ND	49.3		ug/L	50.0	99%	80 - 133	9	17	8111174	NRK0594-11	11/09/08 23:35
1,2-Dibromo-3-chloropropane	ND	56.2		ug/L	50.0	112%	60 - 136	14	29	8111174	NRK0594-11	11/09/08 23:35
1,2-Dibromoethane (EDB)	ND	54.8		ug/L	50.0	110%	80 - 132	7	21	8111174	NRK0594-11	11/09/08 23:35
Dibromomethane	ND	49.5		ug/L	50.0	99%	79 - 131	7	20	8111174	NRK0594-11	11/09/08 23:35
1,4-Dichlorobenzene	ND	51.5		ug/L	50.0	103%	80 - 126	9	19	8111174	NRK0594-11	11/09/08 23:35
1,3-Dichlorobenzene	ND	51.5		ug/L	50.0	103%	75 - 132	9	18	8111174	NRK0594-11	11/09/08 23:35
1,2-Dichlorobenzene	ND	53.0		ug/L	50.0	106%	80 - 130	9	23	8111174	NRK0594-11	11/09/08 23:35
Dichlorodifluoromethane	ND	53.8		ug/L	50.0	108%	36 - 146	3	14	8111174	NRK0594-11	11/09/08 23:35
1,1-Dichloroethane	ND	49.6		ug/L	50.0	99%	76 - 131	7	15	8111174	NRK0594-11	11/09/08 23:35
1,2-Dichloroethane	ND	46.5		ug/L	50.0	93%	53 - 146	7	26	8111174	NRK0594-11	11/09/08 23:35
cis-1,2-Dichloroethene	6.33	57.3		ug/L	50.0	102%	76 - 141	7	14	8111174	NRK0594-11	11/09/08 23:35
1,1-Dichloroethene	ND	56.7		ug/L	50.0	113%	63 - 157	6	26	8111174	NRK0594-11	11/09/08 23:35
trans-1,2-Dichloroethene	1.20	52.5		ug/L	50.0	103%	78 - 137	6	14	8111174	NRK0594-11	11/09/08 23:35
1,3-Dichloropropane	ND	50.3		ug/L	50.0	101%	76 - 130	6	21	8111174	NRK0594-11	11/09/08 23:35
1,2-Dichloropropane	ND	48.2		ug/L	50.0	96%	77 - 128	7	16	8111174	NRK0594-11	11/09/08 23:35
2,2-Dichloropropane	ND	50.1		ug/L	50.0	100%	62 - 145	6	14	8111174	NRK0594-11	11/09/08 23:35
cis-1,3-Dichloropropene	ND	53.2		ug/L	50.0	106%	71 - 140	7	19	8111174	NRK0594-11	11/09/08 23:35
trans-1,3-Dichloropropene	ND	44.7		ug/L	50.0	89%	65 - 137	8	20	8111174	NRK0594-11	11/09/08 23:35
1,1-Dichloropropene	ND	53.6		ug/L	50.0	107%	80 - 136	7	14	8111174	NRK0594-11	11/09/08 23:35
Ethylbenzene	ND	53.0		ug/L	50.0	106%	80 - 135	7	17	8111174	NRK0594-11	11/09/08 23:35
Hexachlorobutadiene	ND	76.4		ug/L	50.0	153%	48 - 155	10	34	8111174	NRK0594-11	11/09/08 23:35
2-Hexanone	ND	248		ug/L	250	99%	58 - 154	11	34	8111174	NRK0594-11	11/09/08 23:35

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8111174-MSD1												
Isopropylbenzene	ND	52.8		ug/L	50.0	106%	80 - 135	6	18	8111174	NRK0594-11	11/09/08 23:35
p-Isopropyltoluene	ND	50.4		ug/L	50.0	101%	74 - 139	9	17	8111174	NRK0594-11	11/09/08 23:35
Methyl tert-Butyl Ether	ND	51.2		ug/L	50.0	102%	60 - 144	8	32	8111174	NRK0594-11	11/09/08 23:35
Methylene Chloride	ND	46.8		ug/L	50.0	94%	64 - 140	5	18	8111174	NRK0594-11	11/09/08 23:35
4-Methyl-2-pentanone	ND	241		ug/L	250	96%	55 - 153	8	31	8111174	NRK0594-11	11/09/08 23:35
Naphthalene	ND	58.9		ug/L	50.0	118%	50 - 154	22	39	8111174	NRK0594-11	11/09/08 23:35
n-Propylbenzene	ND	49.2		ug/L	50.0	98%	78 - 141	9	17	8111174	NRK0594-11	11/09/08 23:35
Styrene	ND	56.8		ug/L	50.0	114%	80 - 139	7	16	8111174	NRK0594-11	11/09/08 23:35
1,1,1,2-Tetrachloroethane	ND	51.2		ug/L	50.0	102%	75 - 140	7	17	8111174	NRK0594-11	11/09/08 23:35
1,1,2,2-Tetrachloroethane	ND	47.2		ug/L	50.0	94%	55 - 152	12	28	8111174	NRK0594-11	11/09/08 23:35
Tetrachloroethene	ND	59.6		ug/L	50.0	119%	67 - 150	8	27	8111174	NRK0594-11	11/09/08 23:35
Toluene	ND	51.4		ug/L	50.0	103%	75 - 139	5	19	8111174	NRK0594-11	11/09/08 23:35
1,2,3-Trichlorobenzene	ND	65.6		ug/L	50.0	131%	49 - 144	24	31	8111174	NRK0594-11	11/09/08 23:35
1,2,4-Trichlorobenzene	ND	59.2		ug/L	50.0	118%	55 - 135	15	26	8111174	NRK0594-11	11/09/08 23:35
1,1,2-Trichloroethane	ND	52.8		ug/L	50.0	106%	77 - 128	6	21	8111174	NRK0594-11	11/09/08 23:35
1,1,1-Trichloroethane	ND	55.4		ug/L	50.0	111%	80 - 136	8	16	8111174	NRK0594-11	11/09/08 23:35
Trichloroethene	15.4	74.5		ug/L	50.0	118%	57 - 158	5	28	8111174	NRK0594-11	11/09/08 23:35
Trichlorofluoromethane	ND	53.6		ug/L	50.0	107%	68 - 145	6	20	8111174	NRK0594-11	11/09/08 23:35
1,2,3-Trichloropropane	ND	41.8		ug/L	50.0	84%	55 - 137	9	26	8111174	NRK0594-11	11/09/08 23:35
1,3,5-Trimethylbenzene	ND	50.1		ug/L	50.0	100%	78 - 136	9	16	8111174	NRK0594-11	11/09/08 23:35
1,2,4-Trimethylbenzene	ND	50.6		ug/L	50.0	101%	70 - 143	7	22	8111174	NRK0594-11	11/09/08 23:35
Vinyl chloride	ND	51.3		ug/L	50.0	103%	49 - 156	6	26	8111174	NRK0594-11	11/09/08 23:35
Xylenes, total	ND	158		ug/L	150	105%	80 - 136	6	18	8111174	NRK0594-11	11/09/08 23:35
Surrogate: 1,2-Dichloroethane-d4		26.1		ug/L	30.0	87%	60 - 140			8111174	NRK0594-11	11/09/08 23:35
Surrogate: Dibromofluoromethane		28.5		ug/L	30.0	95%	75 - 124			8111174	NRK0594-11	11/09/08 23:35
Surrogate: Toluene-d8		29.2		ug/L	30.0	97%	78 - 121			8111174	NRK0594-11	11/09/08 23:35
Surrogate: 4-Bromofluorobenzene		29.2		ug/L	30.0	97%	79 - 124			8111174	NRK0594-11	11/09/08 23:35
8112119-MSD1												
Acetone	ND	233		ug/L	250	93%	55 - 148	3	29	8112119	NRK0594-17	11/09/08 11:10
Benzene	ND	48.5		ug/L	50.0	97%	68 - 143	1	23	8112119	NRK0594-17	11/09/08 11:10
Bromobenzene	ND	47.9		ug/L	50.0	96%	65 - 140	0.4	18	8112119	NRK0594-17	11/09/08 11:10
Bromochloromethane	ND	47.3		ug/L	50.0	95%	80 - 137	4	18	8112119	NRK0594-17	11/09/08 11:10
Bromodichloromethane	ND	57.6		ug/L	50.0	115%	80 - 132	2	18	8112119	NRK0594-17	11/09/08 11:10
Bromoform	ND	45.4		ug/L	50.0	91%	67 - 123	4	24	8112119	NRK0594-17	11/09/08 11:10
Bromomethane	ND	53.3		ug/L	50.0	107%	39 - 166	10	45	8112119	NRK0594-17	11/09/08 11:10
2-Butanone	ND	234		ug/L	250	93%	50 - 154	2	36	8112119	NRK0594-17	11/09/08 11:10
sec-Butylbenzene	ND	51.6		ug/L	50.0	103%	73 - 142	1	17	8112119	NRK0594-17	11/09/08 11:10
n-Butylbenzene	ND	52.6		ug/L	50.0	105%	64 - 147	0.9	18	8112119	NRK0594-17	11/09/08 11:10
tert-Butylbenzene	ND	50.0		ug/L	50.0	100%	70 - 148	1	17	8112119	NRK0594-17	11/09/08 11:10
Carbon disulfide	ND	53.9		ug/L	50.0	108%	79 - 147	0.9	16	8112119	NRK0594-17	11/09/08 11:10

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8112119-MSD1												
Carbon Tetrachloride	ND	58.0		ug/L	50.0	116%	62 - 165	2	29	8112119	NRK0594-17	11/09/08 11:10
Chlorobenzene	ND	47.0		ug/L	50.0	94%	67 - 140	0.6	27	8112119	NRK0594-17	11/09/08 11:10
Chlorodibromomethane	ND	47.0		ug/L	50.0	94%	72 - 123	2	21	8112119	NRK0594-17	11/09/08 11:10
Chloroethane	ND	50.4		ug/L	50.0	101%	74 - 151	1	32	8112119	NRK0594-17	11/09/08 11:10
Chloroform	ND	49.4		ug/L	50.0	99%	59 - 152	0.4	28	8112119	NRK0594-17	11/09/08 11:10
Chloromethane	0.300	49.8		ug/L	50.0	99%	33 - 138	9	21	8112119	NRK0594-17	11/09/08 11:10
2-Chlorotoluene	ND	48.9		ug/L	50.0	98%	76 - 134	0.7	16	8112119	NRK0594-17	11/09/08 11:10
4-Chlorotoluene	ND	50.2		ug/L	50.0	100%	80 - 133	3	17	8112119	NRK0594-17	11/09/08 11:10
1,2-Dibromo-3-chloropropane	ND	41.0		ug/L	50.0	82%	60 - 136	1	29	8112119	NRK0594-17	11/09/08 11:10
1,2-Dibromoethane (EDB)	ND	47.8		ug/L	50.0	96%	80 - 132	0.5	21	8112119	NRK0594-17	11/09/08 11:10
Dibromomethane	ND	50.6		ug/L	50.0	101%	79 - 131	0.7	20	8112119	NRK0594-17	11/09/08 11:10
1,4-Dichlorobenzene	ND	46.2		ug/L	50.0	92%	80 - 126	1	19	8112119	NRK0594-17	11/09/08 11:10
1,3-Dichlorobenzene	ND	46.8		ug/L	50.0	94%	75 - 132	1	18	8112119	NRK0594-17	11/09/08 11:10
1,2-Dichlorobenzene	ND	47.2		ug/L	50.0	94%	80 - 130	2	23	8112119	NRK0594-17	11/09/08 11:10
Dichlorodifluoromethane	ND	49.6		ug/L	50.0	99%	36 - 146	1	14	8112119	NRK0594-17	11/09/08 11:10
1,1-Dichloroethane	ND	49.0		ug/L	50.0	98%	76 - 131	0.2	15	8112119	NRK0594-17	11/09/08 11:10
1,2-Dichloroethane	ND	53.2		ug/L	50.0	106%	53 - 146	0.7	26	8112119	NRK0594-17	11/09/08 11:10
cis-1,2-Dichloroethene	0.770	51.5		ug/L	50.0	101%	76 - 141	1	14	8112119	NRK0594-17	11/09/08 11:10
1,1-Dichloroethene	ND	52.8		ug/L	50.0	106%	63 - 157	1	26	8112119	NRK0594-17	11/09/08 11:10
trans-1,2-Dichloroethene	ND	53.2		ug/L	50.0	106%	78 - 137	0.3	14	8112119	NRK0594-17	11/09/08 11:10
1,3-Dichloropropane	ND	46.9		ug/L	50.0	94%	76 - 130	1	21	8112119	NRK0594-17	11/09/08 11:10
1,2-Dichloropropane	ND	50.0		ug/L	50.0	100%	77 - 128	1	16	8112119	NRK0594-17	11/09/08 11:10
2,2-Dichloropropane	ND	46.2		ug/L	50.0	92%	62 - 145	0.9	14	8112119	NRK0594-17	11/09/08 11:10
cis-1,3-Dichloropropene	ND	50.3		ug/L	50.0	101%	71 - 140	3	19	8112119	NRK0594-17	11/09/08 11:10
trans-1,3-Dichloropropene	ND	52.6		ug/L	50.0	105%	65 - 137	2	20	8112119	NRK0594-17	11/09/08 11:10
1,1-Dichloropropene	ND	51.6		ug/L	50.0	103%	80 - 136	0.4	14	8112119	NRK0594-17	11/09/08 11:10
Ethylbenzene	ND	49.0		ug/L	50.0	98%	80 - 135	1	17	8112119	NRK0594-17	11/09/08 11:10
Hexachlorobutadiene	ND	44.4		ug/L	50.0	89%	48 - 155	3	34	8112119	NRK0594-17	11/09/08 11:10
2-Hexanone	ND	243		ug/L	250	97%	58 - 154	0.4	34	8112119	NRK0594-17	11/09/08 11:10
Isopropylbenzene	ND	50.7		ug/L	50.0	101%	80 - 135	1	18	8112119	NRK0594-17	11/09/08 11:10
p-Isopropyltoluene	ND	51.0		ug/L	50.0	102%	74 - 139	0.8	17	8112119	NRK0594-17	11/09/08 11:10
Methyl tert-Butyl Ether	ND	51.2		ug/L	50.0	102%	60 - 144	0.5	32	8112119	NRK0594-17	11/09/08 11:10
Methylene Chloride	ND	50.1		ug/L	50.0	100%	64 - 140	0.5	18	8112119	NRK0594-17	11/09/08 11:10
4-Methyl-2-pentanone	ND	240		ug/L	250	96%	55 - 153	0.5	31	8112119	NRK0594-17	11/09/08 11:10
Naphthalene	ND	50.1		ug/L	50.0	100%	50 - 154	0.8	39	8112119	NRK0594-17	11/09/08 11:10
n-Propylbenzene	ND	49.8		ug/L	50.0	100%	78 - 141	1	17	8112119	NRK0594-17	11/09/08 11:10
Styrene	ND	50.7		ug/L	50.0	101%	80 - 139	1	16	8112119	NRK0594-17	11/09/08 11:10
1,1,1,2-Tetrachloroethane	ND	53.6		ug/L	50.0	107%	75 - 140	1	17	8112119	NRK0594-17	11/09/08 11:10
1,1,2,2-Tetrachloroethane	ND	47.7		ug/L	50.0	95%	55 - 152	0.7	28	8112119	NRK0594-17	11/09/08 11:10
Tetrachloroethene	ND	46.6		ug/L	50.0	93%	67 - 150	2	27	8112119	NRK0594-17	11/09/08 11:10
Toluene	ND	46.7		ug/L	50.0	93%	75 - 139	1	19	8112119	NRK0594-17	11/09/08 11:10

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
8112119-MSD1												
1,2,3-Trichlorobenzene	ND	47.0		ug/L	50.0	94%	49 - 144	3	31	8112119	NRK0594-17	11/09/08 11:10
1,2,4-Trichlorobenzene	ND	46.1		ug/L	50.0	92%	55 - 135	2	26	8112119	NRK0594-17	11/09/08 11:10
1,1,2-Trichloroethane	ND	47.2		ug/L	50.0	94%	77 - 128	2	21	8112119	NRK0594-17	11/09/08 11:10
1,1,1-Trichloroethane	ND	54.8		ug/L	50.0	110%	80 - 136	2	16	8112119	NRK0594-17	11/09/08 11:10
Trichloroethene	14.2	62.8		ug/L	50.0	97%	57 - 158	1	28	8112119	NRK0594-17	11/09/08 11:10
Trichlorofluoromethane	ND	53.9		ug/L	50.0	108%	68 - 145	0.5	20	8112119	NRK0594-17	11/09/08 11:10
1,2,3-Trichloropropane	ND	49.1		ug/L	50.0	98%	55 - 137	2	26	8112119	NRK0594-17	11/09/08 11:10
1,3,5-Trimethylbenzene	ND	50.3		ug/L	50.0	101%	78 - 136	0.7	16	8112119	NRK0594-17	11/09/08 11:10
1,2,4-Trimethylbenzene	ND	50.3		ug/L	50.0	101%	70 - 143	1	22	8112119	NRK0594-17	11/09/08 11:10
Vinyl chloride	ND	50.5		ug/L	50.0	101%	49 - 156	1	26	8112119	NRK0594-17	11/09/08 11:10
Xylenes, total	ND	148		ug/L	150	99%	80 - 136	1	18	8112119	NRK0594-17	11/09/08 11:10
Surrogate: 1,2-Dichloroethane-d4		27.8		ug/L	25.0	111%	60 - 140			8112119	NRK0594-17	11/09/08 11:10
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	75 - 124			8112119	NRK0594-17	11/09/08 11:10
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	78 - 121			8112119	NRK0594-17	11/09/08 11:10
Surrogate: 4-Bromofluorobenzene		25.9		ug/L	25.0	104%	79 - 124			8112119	NRK0594-17	11/09/08 11:10
8112279-MSD1												
Acetone	ND	257		ug/L	250	103%	55 - 148	16	29	8112279	NRK0543-02	11/10/08 20:24
Benzene	ND	52.6		ug/L	50.0	105%	68 - 143	18	23	8112279	NRK0543-02	11/10/08 20:24
Bromobenzene	ND	54.6	R	ug/L	50.0	109%	65 - 140	20	18	8112279	NRK0543-02	11/10/08 20:24
Bromochloromethane	ND	51.9		ug/L	50.0	104%	80 - 137	18	18	8112279	NRK0543-02	11/10/08 20:24
Bromodichloromethane	ND	64.0	R	ug/L	50.0	128%	80 - 132	21	18	8112279	NRK0543-02	11/10/08 20:24
Bromoform	ND	53.6		ug/L	50.0	107%	67 - 123	24	24	8112279	NRK0543-02	11/10/08 20:24
Bromomethane	ND	50.9		ug/L	50.0	102%	39 - 166	26	45	8112279	NRK0543-02	11/10/08 20:24
2-Butanone	ND	253		ug/L	250	101%	50 - 154	20	36	8112279	NRK0543-02	11/10/08 20:24
sec-Butylbenzene	ND	59.0	R	ug/L	50.0	118%	73 - 142	22	17	8112279	NRK0543-02	11/10/08 20:24
n-Butylbenzene	ND	62.8	R	ug/L	50.0	126%	64 - 147	24	18	8112279	NRK0543-02	11/10/08 20:24
tert-Butylbenzene	ND	57.9	R	ug/L	50.0	116%	70 - 148	22	17	8112279	NRK0543-02	11/10/08 20:24
Carbon disulfide	ND	45.6	R2	ug/L	50.0	91%	79 - 147	20	16	8112279	NRK0543-02	11/10/08 20:24
Carbon Tetrachloride	ND	64.8		ug/L	50.0	130%	62 - 165	21	29	8112279	NRK0543-02	11/10/08 20:24
Chlorobenzene	ND	54.1		ug/L	50.0	108%	67 - 140	22	27	8112279	NRK0543-02	11/10/08 20:24
Chlorodibromomethane	ND	54.2	R	ug/L	50.0	108%	72 - 123	24	21	8112279	NRK0543-02	11/10/08 20:24
Chloroethane	ND	52.4		ug/L	50.0	105%	74 - 151	17	32	8112279	NRK0543-02	11/10/08 20:24
Chloroform	ND	55.7		ug/L	50.0	111%	59 - 152	17	28	8112279	NRK0543-02	11/10/08 20:24
Chloromethane	ND	45.3	R	ug/L	50.0	91%	33 - 138	26	21	8112279	NRK0543-02	11/10/08 20:24
2-Chlorotoluene	ND	55.8	R	ug/L	50.0	112%	76 - 134	21	16	8112279	NRK0543-02	11/10/08 20:24
4-Chlorotoluene	ND	55.3	R	ug/L	50.0	111%	80 - 133	22	17	8112279	NRK0543-02	11/10/08 20:24
1,2-Dibromo-3-chloropropane	ND	48.4		ug/L	50.0	97%	60 - 136	22	29	8112279	NRK0543-02	11/10/08 20:24
1,2-Dibromoethane (EDB)	ND	55.0		ug/L	50.0	110%	80 - 132	21	21	8112279	NRK0543-02	11/10/08 20:24
Dibromomethane	ND	55.8		ug/L	50.0	112%	79 - 131	19	20	8112279	NRK0543-02	11/10/08 20:24
1,4-Dichlorobenzene	ND	53.3	R	ug/L	50.0	107%	80 - 126	22	19	8112279	NRK0543-02	11/10/08 20:24

Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
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Received: 11/07/08 08:15

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												
8112279-MSD1												
1,3-Dichlorobenzene	ND	53.8	R	ug/L	50.0	108%	75 - 132	22	18	8112279	NRK0543-02	11/10/08 20:24
1,2-Dichlorobenzene	ND	54.7		ug/L	50.0	109%	80 - 130	22	23	8112279	NRK0543-02	11/10/08 20:24
Dichlorodifluoromethane	ND	47.3	R	ug/L	50.0	95%	36 - 146	20	14	8112279	NRK0543-02	11/10/08 20:24
1,1-Dichloroethane	ND	54.8	R	ug/L	50.0	110%	76 - 131	18	15	8112279	NRK0543-02	11/10/08 20:24
1,2-Dichloroethane	ND	58.8		ug/L	50.0	118%	53 - 146	19	26	8112279	NRK0543-02	11/10/08 20:24
cis-1,2-Dichloroethene	ND	57.6	R	ug/L	50.0	115%	76 - 141	18	14	8112279	NRK0543-02	11/10/08 20:24
1,1-Dichloroethene	ND	53.7		ug/L	50.0	107%	63 - 157	17	26	8112279	NRK0543-02	11/10/08 20:24
trans-1,2-Dichloroethene	ND	53.4	R	ug/L	50.0	107%	78 - 137	16	14	8112279	NRK0543-02	11/10/08 20:24
1,3-Dichloropropane	ND	53.9		ug/L	50.0	108%	76 - 130	21	21	8112279	NRK0543-02	11/10/08 20:24
1,2-Dichloropropane	ND	53.2	R	ug/L	50.0	106%	77 - 128	19	16	8112279	NRK0543-02	11/10/08 20:24
2,2-Dichloropropane	ND	62.8	R	ug/L	50.0	126%	62 - 145	19	14	8112279	NRK0543-02	11/10/08 20:24
cis-1,3-Dichloropropene	ND	58.7	R	ug/L	50.0	117%	71 - 140	21	19	8112279	NRK0543-02	11/10/08 20:24
trans-1,3-Dichloropropene	ND	60.9	R	ug/L	50.0	122%	65 - 137	22	20	8112279	NRK0543-02	11/10/08 20:24
1,1-Dichloropropene	ND	55.0	R	ug/L	50.0	110%	80 - 136	19	14	8112279	NRK0543-02	11/10/08 20:24
Ethylbenzene	ND	55.4	R	ug/L	50.0	111%	80 - 135	20	17	8112279	NRK0543-02	11/10/08 20:24
Hexachlorobutadiene	ND	58.0		ug/L	50.0	116%	48 - 155	24	34	8112279	NRK0543-02	11/10/08 20:24
2-Hexanone	ND	281		ug/L	250	112%	58 - 154	21	34	8112279	NRK0543-02	11/10/08 20:24
Isopropylbenzene	ND	56.1	R	ug/L	50.0	112%	80 - 135	21	18	8112279	NRK0543-02	11/10/08 20:24
p-Isopropyltoluene	ND	57.5	R	ug/L	50.0	115%	74 - 139	23	17	8112279	NRK0543-02	11/10/08 20:24
Methyl tert-Butyl Ether	ND	59.0		ug/L	50.0	118%	60 - 144	20	32	8112279	NRK0543-02	11/10/08 20:24
Methylene Chloride	ND	54.1		ug/L	50.0	108%	64 - 140	17	18	8112279	NRK0543-02	11/10/08 20:24
4-Methyl-2-pentanone	ND	278		ug/L	250	111%	55 - 153	21	31	8112279	NRK0543-02	11/10/08 20:24
Naphthalene	ND	59.5		ug/L	50.0	119%	50 - 154	22	39	8112279	NRK0543-02	11/10/08 20:24
n-Propylbenzene	ND	55.6	R	ug/L	50.0	111%	78 - 141	21	17	8112279	NRK0543-02	11/10/08 20:24
Styrene	ND	60.2	R	ug/L	50.0	120%	80 - 139	21	16	8112279	NRK0543-02	11/10/08 20:24
1,1,1,2-Tetrachloroethane	ND	63.3	R	ug/L	50.0	127%	75 - 140	23	17	8112279	NRK0543-02	11/10/08 20:24
1,1,2,2-Tetrachloroethane	ND	55.5		ug/L	50.0	111%	55 - 152	22	28	8112279	NRK0543-02	11/10/08 20:24
Tetrachloroethene	ND	51.6		ug/L	50.0	103%	67 - 150	21	27	8112279	NRK0543-02	11/10/08 20:24
Toluene	ND	52.5	R	ug/L	50.0	105%	75 - 139	20	19	8112279	NRK0543-02	11/10/08 20:24
1,2,3-Trichlorobenzene	ND	55.1		ug/L	50.0	110%	49 - 144	24	31	8112279	NRK0543-02	11/10/08 20:24
1,2,4-Trichlorobenzene	ND	56.3		ug/L	50.0	113%	55 - 135	24	26	8112279	NRK0543-02	11/10/08 20:24
1,1,2-Trichloroethane	ND	55.3		ug/L	50.0	111%	77 - 128	20	21	8112279	NRK0543-02	11/10/08 20:24
1,1,1-Trichloroethane	ND	61.8	R	ug/L	50.0	124%	80 - 136	19	16	8112279	NRK0543-02	11/10/08 20:24
Trichloroethene	ND	53.6		ug/L	50.0	107%	57 - 158	19	28	8112279	NRK0543-02	11/10/08 20:24
Trichlorofluoromethane	ND	48.8		ug/L	50.0	98%	68 - 145	19	20	8112279	NRK0543-02	11/10/08 20:24
1,2,3-Trichloropropane	ND	53.7		ug/L	50.0	107%	55 - 137	23	26	8112279	NRK0543-02	11/10/08 20:24
1,3,5-Trimethylbenzene	ND	56.8	R	ug/L	50.0	114%	78 - 136	21	16	8112279	NRK0543-02	11/10/08 20:24
1,2,4-Trimethylbenzene	ND	55.8		ug/L	50.0	112%	70 - 143	22	22	8112279	NRK0543-02	11/10/08 20:24
Vinyl chloride	ND	46.0		ug/L	50.0	92%	49 - 156	18	26	8112279	NRK0543-02	11/10/08 20:24
Xylenes, total	ND	167	R	ug/L	150	111%	80 - 136	20	18	8112279	NRK0543-02	11/10/08 20:24
Surrogate: 1,2-Dichloroethane-d4		27.4		ug/L	25.0	109%	60 - 140			8112279	NRK0543-02	11/10/08 20:24

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

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												
<i>Surrogate: Dibromofluoromethane</i>		25.4		ug/L	25.0	102%	75 - 124			8112279	NRK0543-02	11/10/08 20:24
<i>Surrogate: Toluene-d8</i>		25.0		ug/L	25.0	100%	78 - 121			8112279	NRK0543-02	11/10/08 20:24
<i>Surrogate: 4-Bromofluorobenzene</i>		25.9		ug/L	25.0	103%	79 - 124			8112279	NRK0543-02	11/10/08 20:24

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

NELAC CERTIFICATION SUMMARY

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

Method

Matrix

Analyte

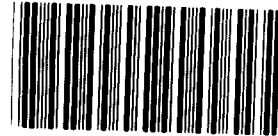
Client MACTEC Engineering & Consulting, Inc. (4997)
1725 Louisville Drive
Knoxville, TN 37921
Attn Joe Deatherage

Work Order: NRK0594
Project Name: Former Taylor Instruments
Project Number: [none]
Received: 11/07/08 08:15

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R2 The RPD exceeded the acceptance limit.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



Cooler Received/Opened On 11/7/08 @ 8:15

NRK0594

1. Tracking # 4701 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 4.2 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 (initial) [Signature]

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 # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

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 OB-7 (MS/MSD)

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 (initial) [Signature]

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 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 51263

Extra samples

BR-03

11/4/08

BR-01

11/3/08

OB-7 (MS/MSD)

11/5/08

BR-11

11/5/08

BR-07

11/3/08

BR-11 (OUP)

11/5/08

COOLER RECEIPT FORM

Cooler Received/Opened On 11/07/08 @ 08:15

1. Tracking # 4675 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 19 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 (initial) FB

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

Were these signed and dated correctly?

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 # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) FB

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 (initial) FB

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 (initial) FB

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

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 1

TestAmerica

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

Page 1 of 3

Client: MACTEC Engineering & Consulting, Inc. (4997)

TA Account #: 63036

PO #: ~~mmthaw~~ 200830026

Address: ~~425 Louisville Drive~~ 9725 Cordell Road

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

City, State, Zip: Knoxville TN 37921 37932

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

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix					Analyze for																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8260B Volatile Organics	Carbon Dioxide SM-4500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

BR-07	11-4-08	1000	3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	01
BR-01	11-50		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	02
TW-30	11-30		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	03
BR-02	11-28	1428	3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	04
TW-07	11-35		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	05
TW-04	11-39		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	06
BR-03	11-35		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	07
QATB01	11-35		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	08
QAFB01	11-40		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	09
QARB01	11-50		3	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	10

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 10139

* 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.

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

Shipped Via:	Date:	Time:	Shipped Via:	Date:	Time:	QC Deliverables (Please Circle One):	Date Due of Report:

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	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)	

[illegible]

U

PO #: ~~Must have~~ 200820026

ting, Inc. (4997)

1000

100

New York

matrix spike duplicate

NOTES/SPECIAL INSTRUCTIONS: BO # 10139

Time:

	Date Due of Bond

100

Figure 1. The effect of the concentration of the polymer solution on the apparent viscosity of the polymer solution. The apparent viscosity of the polymer solution increases with the concentration of the polymer solution. The apparent viscosity of the polymer solution is 1.5 Pa·s at 0.5 wt% concentration.

Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Page 22

PO #: ~~Must have~~ 200820526

ating, Inc. (4997)

New York

100

100

[illegible]NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

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

11/2/2011

[illegible]

Received for TestAmerica by:	Date:		Sample Containers Intact?	Y	N	Level 2	Level 3	Level 4	Site Specific
	Time:	Temperature							
		Finn							

Receipt:	11/6/78	11/6/78
VOCs Free of Headpace?	Y	N
(If site specific, please pre-schedule w/ I&S America)		
Project Manager or attach specific instructions		

Analytical Analysis Report

Client: Joe Deatherage
MACTEC Engineering & Consulting
1725 Louisville Drive
Knoxville, TN 37921

Phone: (865) 588-8544

Fax: (865) 588-8026

MI Identifier: 014FE

Date Rec: 05/06/2008

Report Date: 05/15/2008

Client Project #: 3031052006.08

Client Project Name: Former Taylor Instruments

Purchase Order #: To be provided

Analysis Requested: VFA

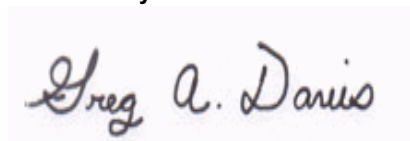
Comments:

All samples within this data package were analyzed under U.S. EPA Good Laboratory Practice Standards: Toxic Substances Control Act (40 CFR part 790). All samples were processed according to standard operating procedures. Test results submitted in this data package meet the quality assurance requirements established by Microbial Insights, Inc.

Reported By:

A handwritten signature in black ink, appearing to read 'Michael Goodrich'.

Reviewed By:

A handwritten signature in black ink, appearing to read 'Greg A. Davis'.

NOTICE: This report is intended only for the addressee shown above and may contain confidential or privileged information. If the recipient of this material is not the intended recipient or if you have received this in error, please notify Microbial Insights, Inc. immediately. The data and other information in this report represent only the sample(s) analyzed and are rendered upon condition that it is not to be reproduced without approval from Microbial Insights, Inc. Thank you for your cooperation.

Analysis Summary Report

Sample Name:	Date	Date	Arrival	Metabolic Acids (mg/L)					
	Sampled:	Received:	Condition:	Pyruvic	Lactic	Formic	Acetic	Propionic	Butyric
OB-08	05/05/2008	05/06/2008	Intact	<4	<1	<1	87.2	8.3	<1
OB-04	05/05/2008	05/06/2008	Intact	<4	<1	<1	317.1	6.6	38.4

Quality Control Report

Compound	MS Recovery %	MSD Recovery %	RPD %	LCS Recovery %
Pyruvic	102.3	119.3	15.3	106.9
Lactic	93.9	92.8	1.2	86.8
Formic	94.4	93.0	1.5	91.0
Acetic	91.9	89.4	2.8	97.6
Propionic	91.2	88.4	3.1	96.3
Butyric	84.3	80.2	5.0	91.2

Reports will be provided to the contact(s) listed below. Parties other than the contact(s) listed below will require prior approval.

email: KJDeatherage@MACTEC.com
Phone: (865) 588-8544 x1149
Fax: ()

Project Manager: Joe Deatherage
Project Name: Farmer Taylor Instruments
Project No.: 3031052006.08

Report Type: ☐ Standard (default) ☒ Comprehensive (15% surcharge) ☐ Historical (30% surcharge)

Please contact us prior to submitting samples regarding questions about the analyses you are requesting at (865) 573-8188 (8:00 am to 4:00 pm M-F). After these hours please call (865) 300-8053.

For Invoices **paid by a third party** it is imperative that contact information & corresponding reference No. be provided.

Name: _____

Company: _____

Address: _____

email: _____

Phone: () _____

Fax: () _____

Purchase Order No.
Subcontract No.

To be provided



2340 Stock Creek Blvd.
Rockford, TN 37853-3044
phone (865) 573-8188
fax: (865) 573-8133
email: info@microbe.com
www.microbe.com

Please Check One:

- ☐ More samples to follow
- ☐ No Additional Samples

Saturday Delivery

Please see sampling protocol for instructions

[illegible]

In order for analysis to be completed correctly, it is vital that chain of custody is filled out correctly & that all relative information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable. *** additional cost and sample preservation are associated with RNA samples.**



2340 Stock Creek Blvd.
Rockford TN 37853-3044
Phone: (865) 573-8188
Fax: (865) 573-8133
Email: info@microbe.com

Analytical Analysis Report

Client: Joe Deatherage
MACTEC Engineering & Consulting
9725 Cogdill Road
Knoxville, TN 37932

Phone: (865) 218-1049

Fax: (865) 588-8026

MI Identifier: 013FK

Date Rec: 11/07/2008

Report Date: 11/24/2008

Client Project #: 30310S2006.08

Client Project Name: Former Taylor Instruments

Purchase Order #:

Analysis Requested: VFA

Comments: Low level analysis could not be performed due to sample concentration of acetic acid.

Reported By:

Reviewed By:

NOTICE: This report is intended only for the addressee shown above and may contain confidential or privileged information. If the recipient of this material is not the intended recipient or if you have received this in error, please notify Microbial Insights, Inc. immediately. The data and other information in this report represent only the sample(s) analyzed and are rendered upon condition that it is not to be reproduced without approval from Microbial Insights, Inc. Thank you for your cooperation.

Analysis Summary Report

Sample Name:	Date	Date	Arrival	Metabolic Acids (mg/L)					
	Sampled:	Received:	Condition:	Pyruvic	Lactic	Formic	Acetic	Propionic	Butyric
OB-08	11/06/2008	11/07/2008	Intact	<4	1.9	2.1	27.3	<1	<1
OB-04	11/06/2008	11/07/2008	Intact	<4	<1	<1	159.3	3.0	17.6

Reports will be provided to the contact(s) listed below. Parties other than the contact(s) listed below will require prior approval.

email: 170-11198 - HARTZ E.M.
Phone: (61) 1-1319
Fax: (61) 1-1319

Project Manager: J. J. [unclear]
Project Name: Final Paper - [unclear]
Project No.: 3-31-2010

Report Type: ☒ Standard (default) ☐ Comprehensive (15% surcharge) ☐ Historical (30% surcharge)

Please contact us prior to submitting samples regarding questions about the analyses you are requesting at (865) 573-8188 (8:00 am to 4:00 pm M-F). After these hours please call (865) 300-8053.

For Invoices **paid by a third party** it is imperative that contact information & corresponding reference No. be provided.

email: _____
 Phone: () _____
 Fax: () _____

Purchase Order No. 7,000,000,000
Subcontract No. _____



- ☐ More samples to follow
- ☐ No Additional Samples

Please see sampling protocol for instructions

Sample Information					CENSUS: Please select the target organism/gene																														
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	PLFA	VFA	ME/E	DGGE-3ID	DGGE-5ID	qDHC (Dehalococcoides)	DHC Functional genes	qDHB (Dehalobacter)	qDSM (Desulfuromonas)	qDSB (Desulfobacterium)	qEBAC (Total)	qDSR (SRBs only)	qSRB/IRB	qMGN (methanogens)	qMOB (methanotrophs)	qDNF (Denitrifying)	qAOB (ammonia oxidizing)	qPM1 (MTBE aerobic)	qTOD (Initial PAHs aerobic)	qCAT (Intermediate PAHs aerobic)	qBSS (Toluene/Xylene Anaerobic)	qNAH (Naphthalene aerobic)	add. qPCR:	add. qPCR:	add. qPCR:	RNA (Expression Option)*	Other:	Other:	Other:	Other:	
013FK 1	OS-12	11/21/08	15:00	Soil		X																													
2	OS-14	11/21/08	15:10	Soil		X																													

In order for analysis to be completed correctly, it is vital that chain of custody is filled out correctly & that all relative information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable. *** additional cost and sample preservation are associated with RNA samples.**

PO #: Must have

61
e To be provided

New York

Relinquished by: <i>[Signature]</i>		Date: <i>5-5-08</i>	Time: <i>17:00</i>	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: <i>[Signature]</i>		Date: <i>5-6-08</i>	Time: <i>0900</i>	Temperature Upon Receipt: <i>32</i>	Sample Containers Intact? Y N		Level 2 Level 3 Level 4 Site Specific		(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
				VOCs Free of Headspace? Y N							

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

Sampler Signature: Joe Deatherage

TA Account #: 63036

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										Matrix					Analyze for										RUSH TAT (Pre Schedule) *																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8260B Volatile Organics	Carbon Dioxide SM 4500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Matrix spike
Matrix spike duplicate

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 # 10139

Relinquished by: Joe Deatherage	Date: 5-5-08	Time: 17:00	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:	Shipped Via:		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:			
Received for TestAmerica by: [Signature]	Date: 5-6-08	Time: 0800	Temperature Upon Receipt: 72	Sample Containers Intact? Y N		VOCs Free of Headpace? Y N		

Client: MACTEC Engineering & Consulting, Inc. (4997)

TA Account #: 63036

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

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative					Matrix					Analyze for										RUC	Pre Schedule
							Methanol	Sodium Bisulfate	HCL	(Blue Label) NaOH	(Orange Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Yellow Label) HNO3	(Red Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other	(specify)	8260B Volatile Organics	Carbon Dioxide SM 4500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B		
OB-09	5-4-08	1140	3						X						X							X						01
BR-15		1305	3						X						X							X						2
BR-04		1405	3						X						X							X						3
OB-05		1442	3						X						X							X						4
BR-05		1605	3						X						X							X						5
BR-05(CMS)		1610	3						X						X							X						with data 05
BR-05(CMSD)		1615	3						X						X							X						7 2
BR-08	5-5-08	0855	3						X						X							X						8 06
QATB02		1020	1						X						X							X						7 7
QARB02		1025	3						X						X							X						TO 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 # 10139

Relinquished by: <u>Joe Deatherage</u>	Date: 5-5-08	Time: 17:00	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			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)		
Received for TestAmerica by: <u>Joe Deatherage</u>	Date: 5/6/08	Time: 9:00	Temperature Upon Receipt: 38	Sample Containers Intact? Y N		VOCs Free of Headspace? Y N		Date Due of Report:

Client: **MACTEC Engineering & Consulting, Inc. (4997)**

TA Account #: **63036**

PO #: **Must have Tobe provided**

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:

Sampler Signature: **Joe Deatherage**

New York

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Carbon Dioxide SM 4500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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 # 10139**

Relinquished by: Joe Deatherage	Date: 5-5-08	Time: 1700	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			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)		
Received for TestAmerica by: Joe Deatherage	Date: 5/6/08	Time: 8:00	Temperature Upon Receipt: 38	Sample Containers Intact? Y N		VOCs Free of Headspace? Y N		Date Due of Report:

Reports will be provided to the contact(s) listed below. Parties other than the contact(s) listed below will require prior approval.

email: KJDeatherage@MACTEC.com
Phone: (865) 588-8544 x1149
Fax: ()

Project Manager: Joe Deatherage
Project Name: Farmer Taylor Instruments
Project No.: 3031052006.08

Report Type: ☐ Standard (default) ☒ Comprehensive (15% surcharge) ☐ Historical (30% surcharge)

Please contact us prior to submitting samples regarding questions about the analyses you are requesting at (865) 573-8188 (8:00 am to 4:00 pm M-F). After these hours please call (865) 300-8053.

For Invoices **paid by a third party** it is imperative that contact information & corresponding reference No. be provided.

Name: _____
Company: _____
Address: _____

email: _____
 Phone: () _____
 Fax: () _____

Purchase Order No.
Subcontract No.

To be provided



2340 Stock Creek Blvd.
Rockford, TN 37853-3044
phone (865) 573-8188
fax: (865) 573-8133
email: info@microbe.com
www.microbe.com

Please Check One:

- ☐ More samples to follow
- ☐ No Additional Samples

Saturday Delivery

Please see sampling protocol for instructions

[illegible]

In order for analysis to be completed correctly, it is vital that chain of custody is filled out correctly & that all relative information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable. *** additional cost and sample preservation are associated with RNA samples.**

Client: MACTEC Engineering & Consulting, Inc. (4997)

TA Account #: 63036

PO #: ~~Must have~~ 20083026

Address: ~~1725 Louisville Drive~~ 9725 Cordill Road

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

City, State, Zip: Knoxville TN ~~37921~~ 37932

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

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule) *		
							Methanol	Sodium Bisulfate	HCL (Blue Label)	NaOH (Orange Label)	Plastic H2SO4 (Yellow Label)	Glass H2SO4 (Yellow Label)	HNO3 (Red Label)	None (Black Label)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	8260B Volatile Organics	Carbon Dioxide SM 1500CO2C	RSK-175 Ethene	RSK-175 Methane	TOC SM5310 B				
BR-07	11-4-08	1000	3	X			X	X	X	X				X			X												01
BR-01		1150	3	X			X	X	X	X				X			X												2
TW-20		1320	3	X			X	X	X	X				X			X												3
BR-02	1428	~~1328~~	3	X			X	X	X	X				X			X												4
TW-07		1355	3	X			X	X	X	X				X			X												5
TW-04		1539	3	X			X	X	X	X				X			X												6
BR-03		1625	3	X			X	X	X	X				X			X												7
QATB01		1635	3	X			X	X	X	X				X			X												8
QAFB01		1640	3	X			X	X	X	X				X			X												9
QARB01		1650	3	X			X	X	X	X				X			X												10
Trip Blank																													

NRK0594

11/21/08 23:59

Trip Blank

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 10139

* 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.

Relinquished by: <u>Joe Deatherage</u>	Date: <u>11-6-08</u>	Time: <u>1600</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			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)		
Received for TestAmerica by: <u>L. H. W.</u>	Date: <u>11/6/08</u>	Time: <u>8:15</u>	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N	Date Due of Report:		

Client: MACTEC Engineering & Consulting, Inc. (4997)

TA Account #: 63036

PO #: Must have 20082026

Address: ~~1725 Louisville Drive~~ 9725 Cogdill Road

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

City, State, Zip: Knoxville TN ~~37921~~ 37932

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

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
							(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8260B Volatile Organics	Carbon Dioxide SM-1500CO2C	RSK-1/5 Ethene	RSK-175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Matrix Spike
Matrix Spike Duplicate

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 10139

* 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.

Relinquished by: <u>Joe Deatherage</u>	Date: <u>11-6-08</u>	Time: <u>1600</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) :		
Received for TestAmerica by: <u>LHLL</u>			Temperature Upon Receipt:			Level 2 Level 3 Level 4 Site Specific		
Date: <u>11/6/08</u> Time: <u>8:45</u>			Sample Containers Intact? Y N			(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
			VOCs Free of Headspace? Y N			Date Due of Report:		

Client: MACTEC Engineering & Consulting, Inc. (4997)

TA Account #: 63036

PO #: Must have 200820526

Address: ~~425 Nashville Drive~~ 9725 Cordill Road

Invoice to: MACTEC Engineering & Consulting, Inc. (4997)

City, State, Zip: Knoxville

TN 37932

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

Sampler Signature: Joe Deatherage

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix						Analyze for										RUSH TAT (Pre Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8260B Volatile Organics	Carbon Dioxide SM 4310CO2C	RSK-174 Ethene	RSK-175 Methane	TOC 51M5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

* 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.

Relinquished by: <u>Joe Deatherage</u>	Date: <u>11-6-08</u>	Time: <u>1000</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) :		
Received for TestAmerica by: <u>LB Miller</u>			Date: <u>11/6/08</u> Time: <u>8:15</u>			Level 2 Level 3 Level 4 Site Specific		
			Temperature Upon Receipt:			(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
			Sample Containers Intact? Y N			Date Due of Report:		
			VOCs Free of Headpace? Y N					

Client: **MACTEC Engineering & Consulting, Inc. (4997)**

TA Account #: **63036**

PO #: **Must have 200 820526**

Address: **4725 Louisville Drive 9725 Cordill Road**

Invoice to: **MACTEC Engineering & Consulting, Inc. (4997)**

City, State, Zip: **Knoxville**

TN **37932**

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**

Sampler Signature: **Joe Deatherage**

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix										Analyze for										RUSH TAT (Pre Schedule) *																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
							(Orange Label) NaOH	(Blue Label) HCL	Sodium Bisulfate	Methanol	Field Filtered	Composite	Grab	(Yellow Label) Plastic H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	8260B Volatile Organics	Carbon Dioxide SM 1500CO2C	RSK 175 Ethene	RSK 175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
OB-05	11-6-08	0857	3	X					X						X			01					X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

matrix spike
matrix spiked duplicate

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

* 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.

Relinquished by: Joe Deatherage	Date: 11-6-08	Time: 1600	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			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)		
Received for TestAmerica by: L. H. H.	Date: 11/7/08	Time: 8:15	Temperature Upon Receipt: 4.2	Sample Containers Intact? Y N		VOCs Free of Headspace? Y N		Date Due of Report:

Client: **MACTEC Engineering & Consulting, Inc. (4997)**

TA Account #: **63036**

PO #: ~~Must have~~ **200830526**

Address: ~~1725 Louisville Drive~~ **9725 Cordell Road**

Invoice to: **MACTEC Engineering & Consulting, Inc. (4997)**

City, State, Zip: **Knoxville TN 37921 37932**

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**

Sampler Signature: *Joe Deatherage*

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
							(None)	(Black Label)	(Red Label)	(Yellow Label)	(Yellow Label)	(Orange Label)	(Blue Label)	Sodium Bisulfate	Methanol	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	8260B Volatile Organics	Carbon Dioxide SM 1500CO2C	RSK 175 Ethane	RSK 175 Methane	TOC SM5310 B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
TW-09	11-6-08	1335	3	X									X					X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: **BO # 10139**

* 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.

Relinquished by: <i>Joe Deatherage</i>	Date: 11-6-08	Time: 1600	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) :		
Received for TestAmerica by: <i>Sh. L. L. L.</i>			Date: 11/6/08 Time: 8:15			Level 2 Level 3 Level 4 Site Specific		
			Temperature Upon Receipt: 4.2			(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
			Sample Containers Intact? Y N			Date Due of Report:		
			VOCs Free of Headpace? Y N					

Reports will be provided to the contact(s) listed below. Parties other than the contact(s) listed below will require prior approval.

email: 170-11198 - HARTZ E.M.
Phone: (61) 1-1319
Fax: (61) 1-1319

Project Manager: J. J. [unclear]
Project Name: Final Paper - [unclear]
Project No.: 3-31-2010

Report Type: ☒ Standard (default) ☐ Comprehensive (15% surcharge) ☐ Historical (30% surcharge)

Please contact us prior to submitting samples regarding questions about the analyses you are requesting at (865) 573-8188 (8:00 am to 4:00 pm M-F). After these hours please call (865) 300-8053.

For Invoices **paid by a third party** it is imperative that contact information & corresponding reference No. be provided.

email: _____
 Phone: () _____
 Fax: () _____

Purchase Order No. 7,000,000,000
Subcontract No. _____



- ☐ More samples to follow
- ☐ No Additional Samples

Please see sampling protocol for instructions

Sample Information					CENSUS: Please select the target organism/gene																													
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	PLFA	VFA	ME/E	DGGE-3ID	DGGE-5ID	qDHC (Dehalococcoides)	DHC Functional genes	qDHB (Dehalobacter)	qDSM (Desulfuromonas)	qDSB (Desulfobacterium)	qEBAC (Total)	qDSR (SRBs only)	qSRB/IRB	qMGN (methanogens)	qMOB (methanotrophs)	qDNF (Denitrifying)	qAOB (ammonia oxidizing)	qPM1 (MTBE aerobic)	qTOD (Initial PAHs aerobic)	qCAT (Intermediate PAHs aerobic)	qBSS (Toluene/Xylene Anaerobic)	qNAH (Naphthalene aerobic)	add. qPCR:	add. qPCR:	add. qPCR:	RNA (Expression Option)*	Other:	Other:	Other:	Other:
013FK 1	OS-12	11/21/08	15:00	Soil		X																												
2	OS-14	11/21/08	15:10	Soil		X																												

In order for analysis to be completed correctly, it is vital that chain of custody is filled out correctly & that all relative information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable. *** additional cost and sample preservation are associated with RNA samples.**

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-5-08

SITE ID 0B-04

SITE TYPE Monitor Well

SITE ACTIVITY START 1525 END 1605

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND) FT

PROTECTIVE CASING / WELL DIFFERENCE FT

INITIAL DEPTH TO WATER 3.83 FT

WELL DEPTH 17.5 FT

PID AMBIENT AIR PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 15 FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP YES NO N/A
 CASING _____
 LOCKED _____
 COLLAR _____

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1529

END PURGING 1555

TOTAL VOL. PURGED 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
1533	0.52							130 ml/min
1537	0.52	6.54	1.07	61	3.53	14.4	-201	
1540	0.39	6.54	1.08	54	7.49	14.3	-211	
1544	0.52	6.55	1.23	59	7.08	14.3	-218	
1547	0.39	6.56	1.23	63	6.84	14.1	-222	
1551	0.52	6.57	1.18	100	6.48	14.4	-225	
1555	0.52	6.58	1.17	140	6.21	14.3	-228	
1600	Collected sample 0B-04 for 8260, methane/ethane, TAC, CO ₂ , & VFAs							

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

- small black flecks in groundwater
- strong methane/sulfur odor

NOTES

- Tubing intake @ 12.5' below TAC
- water level meter not working
- DO did not completely stabilize, but turbidity was rising so we sampled

SIGNATURE: _____

Joe Deatherage

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 5-4-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL	
DIFFERENCE	FT

WELL DEPTH 8-0 FT

PID		
AMBIENT AIR		PPM

WELL DIAMETER 3 IN

SCREEN LENGTH 4 FT

PID WELL		
MOUTH	Microscopic	PPM

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN VOLUME	NA	GAL

PRODUCT THICKNESS 0 FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ {2-inch}}) \text{ or } \times 0.65 \text{ {4-inch}} \text{ or } \times 1.5 \text{ {6-inch}})$$

BEGIN
PURGING

END
PURGING

TOTAL VOL.
PURGED 0.70 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L.)

[illegible]

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

NOTES

- Tubing install @ 13' below TOC
- water level meter not working

SIGNATURE:

DePault K

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID OB-06

SITE TYPE Monitor Well

SITE ACTIVITY START 1740 END 1830

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 3.59 FT

WELL DEPTH 17.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 10 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1745

END PURGING 1820

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
1751	0.90	8.20	0.709	3	0.39	13.6	-7	150 ml/min
1755	0.60	8.20	0.708	6	0	13.9	-78	"
1758	0.45	8.22	1.50	8	0	13.7	-35	"
1802	0.60	8.22	3.50	10	0	13.5	-52	"
1805	0.45	8.22	6.43	11	0	13.6	-65	"
1808	0.45	8.23	6.04	14	0	13.7	-79	"
1812	0.60	8.23	7.38	15	0	13.9	-91	"
1815	0.45	8.24	5.57	17	0	13.7	-101	"
1818	0.45	8.25	3.34	18	0	13.8	-106	"
1822	0.60	8.25	5.21	21	0	13.8	-110	"
1825	Collect sample OB-06 for 8260							

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

NOTES

- Tubing intake @ 12' below TOC
- water level meter not working

SIGNATURE

Joe Leatherman

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID OB-07

SITE TYPE Monitor Well

SITE ACTIVITY START 1640 END 1730

JOB NUMBER 3031052006.08

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 4.24 FT

WELL DEPTH 20.5 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 10 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1642

END PURGING 1713

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
1649	0.91	8.11	0.776	28	3.80	13.5	18	130ml/min
1653	0.52	8.11	1.13	45	1.65	13.5	8	11
1657	0.52	8.13	25.0	58	0.78	13.3	-11	11
1701	0.52	8.12	99.0	91	0.22	13.4	-31	11
1705	0.52	8.17	14.2	100	0.26	13.5	-46	11
1709	0.52	8.17	4.03	98	0	13.5	-50	11
1713	0.52	8.20	2.84	110	0	13.2	-52	11
1715	Collect sample OB-07 for 8260							
1720	Collect sample OB-07 (MS) for 8260 - matrix spike							
1725	Collect sample OB-07 (MSD) for 8260 - matrix spike duplicate							

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

NOTES

- Tubing intake @ 15' below TOC
- Conductivity seems inaccurate
- water level meter not working

SIGNATURE

Jac Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-5-08

SITE ID OB-08

SITE TYPE Monitor Well

SITE ACTIVITY START 1143 END 1255

JOB NUMBER 3031052006.08

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 5.69 FT

WELL DEPTH 25.3 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 10 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0.11 L/MIN

BEGIN PURGING 1147

END PURGING 1245

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
1157	1.1	7.29	0.626	11	2.64	14.8	-220	110 ml/min
1202	0.55	7.29	0.705	23	6.03	14.8	-232	"
1208	0.44	7.25	1.58	40	5.13	14.6	-239	"
1213	0.55	7.24	1.72	49	4.57	14.5	-239	"
1218	0.55	7.22	1.55	56	4.05	15.1	-241	"
1223	0.55	7.23	1.39	66	3.58	14.9	-244	"
1229	0.66	7.23	1.34	70	3.16	15.1	-233	"
1234	0.55	7.33	1.21	84	2.84	15.4	-237	"
1240	0.66	7.23	1.16	89	2.58	15.2	-218	"
1245	0.55	7.22	1.31	83	2.28	14.8	-216	"
1250	Collected sample OB-08 for 8260, methane/ethane, CO ₂ , TOC, & VFAs							

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

- Small black flecks seen in GW, particularly early on.
- methane odor

NOTES

- Tubing intake @ 20' below TOC
- water meter not working

SIGNATURE:

[Signature]

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID TW-04

SITE TYPE Monitor Well

SITE ACTIVITY START 0850 END 0945

JOB NUMBER 3031052006.08

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 9.10 FT

WELL DEPTH 20.72 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 11.40 FT

SCREEN LENGTH 5 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN 2.30 FT

DRAWDOWN VOLUME 0.37 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 0.139 L/MIN

BEGIN PURGING 0854

END PURGING 0937

TOTAL VOL. PURGED 1.58 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0900	1.14	7.74	0.797	4	3.66	11.8	5	190 ml/min
0903	0.57	7.74	0.798	5	3.17	11.7	-7	"
0907	0.60	7.75	0.823	8	2.39	11.9	-23	150 ml/min
0911	0.56	7.75	0.846	10	1.89	12.1	-31	140 ml/min
0916	0.60	7.76	0.853	13	1.57	12.4	-45	120 ml/min
0920	0.48	7.76	0.906	13	1.35	12.5	-44	"
0924	0.48	7.77	0.870	16	1.20	12.6	-48	"
0929	0.60	7.77	0.866	19	1.02	12.8	-56	"
0933	0.48	7.78	0.910	21	0.90	12.8	-58	"
0937	0.48	7.79	0.910	23	0.93	12.8	-59	"
0940	Collect sample TW-04 for 8260							

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

0900 OTW = 10.58
0903 " = 10.95
0907 " = 11.29
0911 " = 11.39
0916 " = 11.40
0920 " = 11.40

NOTES

- Tube intake @ 17.5' below TOC
- Water Level meter not working properly

SIGNATURE: _____

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID TW-07

SITE TYPE Monitor Well

SITE ACTIVITY START 0740 END 0825

JOB NUMBER 3031052006.08

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 9.01 FT

WELL DEPTH 20.72 FT

PID AMBIENT AIR PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 9.83 FT

SCREEN LENGTH 5 FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP YES NO N/A
 CASING _____
 LOCKED _____
 COLLAR _____

DRAWDOWN 0.82 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))

PURGE RATE 0.165 L/MIN

BEGIN PURGING 0744

END PURGING 0825

TOTAL VOL. PURGED 1.79 GAL
 (purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0748	0.66	6.83	1.36	2	4.74	11.4	112	105 ml/min
0751	0.495	6.90	1.34	3	0.48	11.2	88	"
0754	0.495	6.93	1.36	4	5.63	11.1	71	"
0757	0.495	6.96	1.37	5	5.94	11.0	52	"
0800	0.495	6.97	1.38	6	5.84	11.0	37	"
0803	0.495	6.97	1.41	7	5.70	11.0	24	"
0806	0.495	6.97	1.39	9	5.64	11.0	14	"
0809	0.495	6.97	1.46	9	5.61	10.8	1	"
0811	0.33	6.98	1.73	11	5.50	10.9	-2	"
0814	0.495	6.99	1.98	12	5.40	10.9	-4	"
0817	0.495	7.01	2.72	13	5.31	11.0	-7	"
0819	0.33	7.02	3.13	13	5.18	11.0	-6	"
0822	0.495	7.02	3.05	14	5.07	10.9	-7	"
0825	0.495	7.02	2.97	15	5.01	10.8	-7	"

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

0748 DTW=9.25 0817 DTW=9.90
 0751 " =9.29 0819 DTW=9.90
 0754 " =9.34 0822 DTW=10.07
 0757 " =9.40 0825 DTW=10.15
 0800 " =9.46
 0803 " =9.52
 0806 " =9.59
 0809 " =9.66
 0811 " =9.74
 0814 " =9.83

NOTES

Tube in hole placed @ 17.5' below TAC
 0825 Collected sample TW-07 for 8260

SIGNATURE

Jac Deatherage

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 5-5-08

SITE ID TW-09

SITE TYPE	Monitor Well

SITE ACTIVITY START 0942 END 1020

JOB NUMBER	3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

INITIAL DEPTH TO WATER 11-83 FT

WELL DEPTH 16 FT

PID
AMBIENT AIR

WELL DIAMETER	2	IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 5 FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN	N/A	ET

DRAWDOWN VOLUME	NA	GAL

PRODUCT THICKNESS 0 FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

PURGE RATE 0.10 L/MIN

BEGIN PURGING 0947

END
PURGING

TOTAL VOL. PURGED 0.7 GAL.
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

[illegible]

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

NOTES

- Tube intake @ 14' below TOC
- water level meter not working

SIGNATURE:

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-4-08

SITE ID TW-17

SITE TYPE Monitor Well

SITE ACTIVITY START 0930 END 1015

JOB NUMBER 3031052006.08

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 7.78 FT

WELL DEPTH 15.0 FT

PID AMBIENT AIR - PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 5 FT

PID WELL MOUTH - PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0.19 L/MIN

BEGIN PURGING 0936

END PURGING 1009

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
0941	0.95	7.51	0.704	1	6.31	9.7	49	190 ml/min
0944	0.57	7.48	0.730	2	5.16	9.6	43	
0947	0.57	7.46	0.762	3	4.31	9.7	37	
0950	0.57	7.45	0.772	3	3.77	9.9	30	
0953	0.57	7.45	0.787	4	3.67	9.7	25	
0955	0.38	7.46	0.794	5	3.49	9.6	22	
0958	0.57	7.47	0.795	7	3.36	9.6	17	
1001	0.57	7.48	0.799	7	3.29	9.5	15	
1003	0.38	7.48	0.800	8	3.22	9.4	13	
1006	0.57	7.48	0.800	11	3.17	9.4	11	
1009	0.57	7.48	0.801	12	3.14	9.4	9	
1010	Collect sample TW-17 for 8200							

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

NOTES

- Intake @ 12' below TOC
- water level meter not working

SIGNATURE:

Joe Deatherage

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE S-2-08

SITE ID	N-20

SITE TYPE	Monitor Well

SITE ACTIVITY	START	1615	END	1645

JOB NUMBER	3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE

INITIAL DEPTH TO WATER	11.83	FT

WELL DEPTH 1722 FT

PID	
AMBIENT AIR	PPM

WELL DIAMETER	2	IN

FINAL DEPTH TO WATER	12.23	FT

SCREEN LENGTH 5 FT

PID WELL		PPM
MOUTH		

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN	0.40	FT

DRAWDOWN VOLUME	0.06	GAL

PRODUCT THICKNESS		FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

PURGE RATE 0.150 L/MIN

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED 0.79 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

|PURGE DATA

[illegible]

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

1634 OTW = 12-11
1638 " = 12-17
1641 " = 12-20
1645 " = 12-23

NOTES

SIGNATURE: _____

Joe Deatman

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE S-5-08

SITE ID W-5

SITE TYPE Monitor Well

SITE ACTIVITY START 1420 END 1510

JOB NUMBER 3031052006.08

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 5.52 FT

WELL DEPTH 20.5 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH 5 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
 CASING _____
 LOCKED _____
 COLLAR _____

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1422

END PURGING 1459

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
1427	0.75							150 ml/min
1430	0.375	7.42	1.42	180	3.08	13.9	-50	125 ml/min
1434	0.50	7.37	1.65	130	0	14.2	-63	"
1439	0.625	7.34	1.47	91	3.25	14.2	-65	"
1442	0.375	7.35	1.49	30	0	14.4	-68	"
1447	0.625	7.36	2.63	21	0	14.8	-72	"
1451	0.50	7.37	3.55	18	0	14.7	-81	"
1455	0.50	7.37	3.77	26	0	14.3	-84	"
1459	0.50	7.37	3.87	32	0	14.7	-90	"
1500	Collect sample W-5 for 8260							
1505	Collect sample W-5 (DUP) for 8260							

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

- brown, suspended matter in GW, especially early

NOTES

- Tubing intake @ 17' below TOC
 - Water level meter not working

SIGNATURE: _____

Joe DeArth

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-2-08

SITE ID BR-01

SITE TYPE Monitor Well

SITE ACTIVITY START 1325 END 1440

JOB NUMBER 3031052006.08

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 15.34 FT

WELL DEPTH 38.00 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 16.45 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN 1.11 FT

DRAWDOWN VOLUME 0.72 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 0.25 L/MIN

BEGIN PURGING 1330

END PURGING 1437

TOTAL VOL. PURGED 4.42 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1335	1.25	9.97	0.409	29	0	11.8	4	250m/m
1337	0.50	9.96	0.672	29	0	11.8	1	11
1339	0.50	9.96	0.997	25	0	11.8	-2	11
1342	0.75	9.96	1.37	20	0	11.8	-5	11
1348	1.50	9.96	2.26	20	0	11.7	-14	11
1350	0.50	9.96	2.07	22	0	11.7	-16	11
1355	1.25	9.96	0.92	24	0	11.7	-23	11
1357	0.50	9.97	0.816	21	0	11.7	-27	11
1359	0.50	9.97	0.526	16	0	11.7	-29	11
1412	3.25	9.97	0.788	10	0	12.2	-48	11
1422	2.50	9.98	0.536	8	0	11.8	-63	11
1424	0.50	9.98	0.625	8	0	11.7	-67	11
1432	2.0	9.98	0.525	8	0	11.7	-85	11
1434	0.5	9.98	0.752	7	0	11.7	-89	11
1437	0.75	9.98	0.750	7	0	11.7	-92	11

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

1348 DTW = 16.22
1357 " = 16.32
1359 " = 16.35
1412 " = 16.42
1424 " = 16.45
1434 " = 16.45

NOTES

Collect sample BR-01 for 82600
@ 1440
Tube intake @ 18' below TOC

SIGNATURE:

Joe Deatherup

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-2-08

SITE ID BR-02

SITE TYPE Monitor Well

SITE ACTIVITY START 1500 END 1555

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 22.10
15.3450 FT

WELL DEPTH 42.75 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 23.50 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CASING YES NO N/A
LOCKED — — —
COLLAR — — —

DRAWDOWN 0.40 FT

DRAWDOWN VOLUME 0.26 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 0.225 L/MIN

BEGIN PURGING 1507

END PURGING 1552

TOTAL VOL. PURGED 2.67 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
1524	3.825	8.25	31.7	89	0	13.1	-254	225 m/min
1526	0.45	8.26	5.11	100	0	13.1	-256	"
1530	0.90	8.26	2.43	120	0	13.2	-263	"
1536	1.35	8.28	1.28	150	0	13.3	-263	"
1539	0.675	8.27	1.02	34	0	13.3	-263	"
1543	0.90	8.28	0.96	66	0	13.2	-266	"
1547	0.90	8.28	0.93	36	0	13.3	-265	"
1552	1.125	8.29	0.93	130	0	13.3	-265	"
1555	Collect sample BR-02 for 8260							

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

1526 DTW = 22.42
1536 " = 22.47
1539 " = 22.49
1543 " = 22.50
1547 " = 22.50
1552 " = "

NOTES

Turbidity went up so we sampled.
But the water looked very clear.
I think the turbidity meter is varying for some reason.
- Tube intake @ 25' below TOC

SIGNATURE: Joe Deatman

1/2

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID BA-03

SITE TYPE Monitor Well

SITE ACTIVITY START 1015 END 1110

JOB NUMBER 3031052006.08

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 9.70 FT

WELL DEPTH 42.20 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0.250 L/MIN

BEGIN PURGING 1022

END PURGING 1100 1105

TOTAL VOL. PURGED 242 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
1028	1.50	8.39	1.23	62	0.37	12.1	-264	250 ml/min
1031	0.75	8.42	1.30	70	0	12.1	-274	"
1033	0.50	8.44	1.01	42	0	12.2	-280	"
1036	0.75	8.47	3.05	35	0	12.3	-287	"
1038	0.50	8.48	3.63	33	0	12.5	-289	"
1040	0.50	8.48	3.92	35	0	12.3	-291	"
1043	0.75	8.51	3.36	35	0	12.5	-295	"
1045	0.50	8.53	2.99	32	0	12.5	-298	"
1048	0.75	8.53	3.07	35	0	12.3	-298	"
1050	0.50	8.52	2.57	37	0	12.5	-297	"
1052	0.50	8.51	2.36	39	0	12.8	-290	"
1055	0.75	8.50	2.29	45	0	12.7	-286	"
1057	0.50	8.49	2.18	48	0	12.8	-284	"
1100	0.75	8.49	2.06	49	0	12.6	-283	"

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

NOTES

- Tube intake @ 15' below TOC
12.5'
- The water level indicator was not working

SIGNATURE: J. Deatherage

2/2

DATE 5-3-08

JOB NUMBER 3031052006.08

TOTAL VOL. PURGED 2.84 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

☐ TEFLON
☐ OTHER _____

- water level meter not working properly

SIGNATURE:

bedeathering

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-4-08

SITE ID BA-04

SITE TYPE Monitor Well

SITE ACTIVITY START 1335 END 1410

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 18.38 FT

WELL DEPTH 44.2 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1330

END PURGING 1402

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
1336	0.90	9.73	0.794	25	2.69	13.3	8.0	150 mL/min
1339	0.45	9.68	0.458	28	0.00	13.3	4.0	" "
1342	0.45	9.66	0.975	20	0.03	13.3	-1.0	" "
1345	0.45	9.65	0.938	16	0.01	13.4	-7	" "
1349	0.60	9.65	1.08	15	0.00	13.4	-9	" "
1352	0.45	9.51	0.980	11	0.00	13.4	-11	" "
1355	0.45	9.66	0.999	13	0.00	13.4	-14	" "
1359	0.60	9.59	0.999	7	0.00	13.5	-20	" "
1402	0.45	9.58	0.960	13	0.06	13.5	-19	" "
1405	collect sample + BZOL for 9260							

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

NOTES

- Tube intake @ 21.7' below TAC
- water level meter not working

SIGNATURE:

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-4-08

SITE ID BR-05

SITE TYPE Monitor Well

SITE ACTIVITY START 1502 END 1620

JOB NUMBER 3031052006.08

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 3 FT

INITIAL DEPTH TO WATER 18.46 FT

WELL DEPTH 49.9 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1506

END PURGING 1605

TOTAL VOL. PURGED 2.6 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
1512	1.02	9.52	0.358	160	5.04	13.9	-2	170ml/min
1526	2.38	9.63	1.60	72	0	13.8	-101	
1532	1.02	9.03	1.57	66	0	13.8	-132	
1535	0.51	9.63	1.29	69	0	13.9	-153	
1541	1.02	9.63	0.94	49	0	14.0	-184	
1552	1.87	9.69	0.90	44	0	13.9	-226	
1555	0.51	9.69	0.90	45	0	13.9	-232	
1558	0.51	9.69	0.90	45	0	14.0	-239	
1601	0.51	9.63	0.905	43	0	14.0	-248	
1605	0.68	9.60	0.905	52	0	14.7	-245	
1605	Collect sample BR-05 for 8260							
1610	Collect sample BR-05 (ms) for 8260 - matrix spike							
1615	Collect sample BR-05 (ms) for 8260 - matrix spike duplicate							

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

NOTES

- Tubing intake @ 21.5' below TOC
- Turbidity rising & water column rapidly dropping, so we sample
- water level meter not working

SIGNATURE

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-2-08

SITE ID BR-07

SITE TYPE Monitor Well

SITE ACTIVITY START 1110 END 1220

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 22.66 FT

WELL DEPTH 53.3 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 23.70 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN 0.04 FT

DRAWDOWN VOLUME 0.03 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 0.285 L/MIN

BEGIN PURGING 1129

END PURGING 1214

TOTAL VOL. PURGED 3.39 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
1200	8.835	9.10	4.61	42	0	12.9	-337	285 ml/min
1201	0.285	9.11	4.85	39	0	12.9	-336	11
1203	0.57	9.12	3.94	38	0	13.0	-349	11
1205	0.57	9.11	3.93	34	0	12.9	-343	11
1207	0.57	9.13	3.98	32	0	12.9	-350	11
1209	0.57	9.12	3.85	31	0	12.9	-352	11
1211	0.57	9.12	3.67	30	0	12.9	-355	11
1214	0.855	9.14	3.47	32	0	12.9	-352	11
1215	Collect sample BR-07 for 8260							
1220	Collect sample BR-07 (DUP) for 8260 - Duplicate of BR-07							

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

1209 DTW = 22.71
1211 " = 22.60
1214 " = 22.70

NOTES

- Intake of tubing @ 25' below TOC
- Turbidity starts to rise so we sample

SIGNATURE:

Joe Deahting

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-5-08

SITE ID BA-08 0805

SITE TYPE Monitor Well

SITE ACTIVITY START 0810 END 0900

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 18.86 FT

WELL DEPTH 73.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0810

END PURGING 0851

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
0814	0.8							2000 ml/min
0822	1.0	9.40	1.23	34	0	13.0	-9	25 ml/min
0831	0.9	9.74	1.22	28	0	12.8	-50	100 ml/min
0841	1.0	9.73	1.12	17	0	12.9	-60	h
0846	0.5	9.74	1.12	17	0	14.4	-61	h
0851	0.6	9.75	1.12	18	0	14.4	-63	h
0855	Collect Sample, BA-08 for 8260							

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

NOTES

- Intake @ 24.5' below TOC
- Water level meter not working

SIGNATURE:

[Signature]

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-4-08

SITE ID BR-09

SITE TYPE Monitor Well

SITE ACTIVITY START 0810 END 0920

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 18.40 FT

WELL DEPTH 47.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING — — —
LOCKED — — —
COLLAR — — —

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0.28 L/MIN

BEGIN PURGING 08103

END PURGING 0912

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
0836	6.44	9.04	0.392	100	0	12.7	-6	380 ml/min
0841	1.4	9.05	0.388	29	0	12.8	-12	"
0845	1.12	9.05	0.406	69	0	12.8	-17	"
0849	1.12	9.07	0.419	49	0	12.8	-20	"
0853	1.12	9.07	0.452	48	0	12.7	-23	"
0857	1.12	9.08	0.487	39	0	12.8	-26	"
0901	1.12	9.09	0.506	42	0	12.9	-29	"
0905	1.12	9.08	0.532	34	0	13.1	-32	"
0909	1.12	9.09	0.549	35	0	12.9	-37	"
0912	0.84	9.09	0.545	34	0	13.0	-37	"
0915	Collect sample BR-09 for 8260							

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

NOTES

- Intake @ 32' below TOC
- Water level meter not working

SIGNATURE:

[Signature]

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-4-08

SITE ID BR-10

SITE TYPE Monitor Well

SITE ACTIVITY START 1030 END

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) - FT

PROTECTIVE CASING / WELL DIFFERENCE - FT

INITIAL DEPTH TO WATER 18.00 FT

WELL DEPTH 47.0 FT

PID AMBIENT AIR - PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH - PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 0.26 L/MIN

BEGIN PURGING 1032

END PURGING 1052

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
1038	1.56	8.57	0.249	24	3.39	12.2	-14	200 ml/min
1040	0.52	8.62	0.248	20	0	12.2	-89	
1042	0.52	8.64	0.265	22	0	12.4	-101	
1045	0.78	8.64	0.329	18	0	12.5	-128	
1047	0.52	8.57	0.457	26	0	12.7	-140	
1050	0.78	8.59	0.789	37	0	12.9	-147	
1052	0.52	8.37	0.969	79	0	13.1	-154	
1052	Collect sample BR-10 for 8260							

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

NOTES

- Tube intake @ 21.5" below TOC
- Water level meter not working
- Turbidity was rising quickly so we sampled.

SIGNATURE:

Joey Deatley

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID BA-11

SITE TYPE Monitor Well

SITE ACTIVITY START 1545 END 1625

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 18.27 FT

WELL DEPTH 52.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
 CASING LOCKED
 COLLAR

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1548

END PURGING 1607

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
1557	1.8	9.57	0.795	41	0	14.2	-25	200m/min
1559	1.8	9.58	1.35	53	0	14.4	-33	"
1602	0.6	9.57	5.58	53	0	14.4	-40	"
1606	0.8	9.58	7.58	58	0	14.4	-49	"
1609	0.6	9.58	5.36	57	0	14.2	-57	"
1612	0.6	9.58	3.87	63	0	14.2	-67	"
1614	0.4	9.59	2.99	66	0	14.2	-72	"
1617	0.6	9.59	2.39	79	0	14.2	-80	"
1620	Collect sample BA-11 for 8200							

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

NOTES

- Tubing intake @ 21.5' below TOC
- Turbidity was rising so we sampled.
- Water level meter not working

SIGNATURE: Joe Deather

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

JOB NUMBER	3031052006.08

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

SIGNATURE:

Be Deathing

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 1st Semi-Annual Sampling Event

DATE 5-3-08

SITE ID BA-17

SITE TYPE Monitor Well

SITE ACTIVITY START 1123 END 1215

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

- ☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) - FT

PROTECTIVE CASING / WELL DIFFERENCE - FT

INITIAL DEPTH TO WATER 18.86 FT

WELL DEPTH 69.2 FT

PID AMBIENT AIR - PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER NA FT

SCREEN LENGTH NA FT

PID WELL MOUTH - PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED YES NO N/A
COLLAR YES NO N/A

DRAWDOWN NA FT

DRAWDOWN VOLUME NA 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 1130

END PURGING 1207

TOTAL VOL. PURGED 2.14 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
1136	1.14	7.87	1.39	15	0.49	15.1	-219	190m/min
1138	0.45	7.90	1.53	14	0	14.9	-226	225m/min
1141	0.0827	7.93	4.28	25	0	14.8	-235	11
1153	0.90	7.94	2.26	35	0	14.8	-237	11
1155	0.45	7.95	2.24	42	0	14.8	-238	11
1158	0.68	7.95	3.09	41	0	14.7	-238	11
1201	0.68	7.95	2.21	46	0	14.9	-239	11
1207	1.35	7.95	3.22	63	0	16.2	-239	11
1210	Sample BA-17 for 8280							

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

NOTES

- Tubing intake @ 21.5' below TOC
- Sample collected since turbidity was increasing
- water level meter not working

SIGNATURE:

Joe Deather

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 5-2-08

SITE TYPE	Monitor Well

JOB NUMBER	3031052006.08

MEASUREMENT POINT

PROTECTIVE CASING STICKUP (FROM GROUND)	FT

PROTECTIVE CASING / WELL DIFFERENCE	

WELL DIAMETER	

WELL	YES	NO	N/A
INTEGRITY: CAP			

CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

$$((\text{initial} - \text{final}) \times 0.16 \text{ (2-inch)} \text{ or } \times 0.65 \text{ (4-inch)} \text{ or } \times 1.5 \text{ (6-inch)})$$

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

NOTES

1040 Submit Sample Q1A1B01
(Trip Blank)

SIGNATURE:

Peatlands

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 5-2-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

☐ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND)	

PROTECTIVE CASING / WELL DIFFERENCE	

WELL DEPTH	
	FT

PID	PPM
AMBIENT AIR	

WELL:	
DIAMETER:	

SCREEN LENGTH	FT

PID WELL	
MOUTH	PPM

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN VOLUME	GAL

PRODUCT THICKNESS _____ FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ {2-inch}}) \text{ or } \times 0.65 \text{ {4-inch}} \text{ or } \times 1.5 \text{ {6-inch}})$$

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

1045 Collect sample QAFB01 for SGO
- Field blank w/ DI water

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 5-2-08

SITE TYPE	Monitor Well

JOB NUMBER	3031052006.08

MEASUREMENT POINT

PROTECTIVE CASING STICKUP (FROM GROUND)	F

PROTECTIVE CASING / WELL DIFFERENCE	

WELL DEPTH	
	FT

PID	
AMBIENT AIR	PPM

WELL DIAMETER	

SCREEN LENGTH	FT

PID WELL	
MOUTH	PPM

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN VOLUME	GAL
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

PRODUCT THICKNESS FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

NOTES

NOTES

1055 Collected sample QARBA for 8260

- Off rebar
- Rinse blank sample

SIGNATURE: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 9-9-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

PROTECTIVE CASING STICKUP (FROM GROUND)	FT

PROTECTIVE CASING / WELL DIFFERENCE	

WELL DEPTH	
	FT

PID	PPM
AMBIENT AIR	

WELL DIAMETER	

SCREEN LENGTH	FT

PID WELL MOUTH	PPM

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN	
	FT

DRAWDOWN VOLUME	GAL
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

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

[illegible]

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

NOTES

Submit QATBox for 8260
@ 1020
- Trip Blank

SIGNATURE:

Geetha

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT	Former Taylor Instruments 2008 1st Semi-Annual Sampling Event

SITE TYPE	Monitor Well

SITE ACTIVITY	START 1030	END 1035

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE	

INITIAL DEPTH TO WATER	FT

WELL DEPTH	FT

PID	
AMBIENT AIR	PPM

WELL DIAMETER	

FINAL DEPTH TO WATER	FT

SCREEN LENGTH	FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN	FT
1	1.0
2	1.0
3	1.0
4	1.0
5	1.0
6	1.0
7	1.0
8	1.0
9	1.0
10	1.0
11	1.0
12	1.0
13	1.0
14	1.0
15	1.0
16	1.0
17	1.0
18	1.0
19	1.0
20	1.0
21	1.0
22	1.0
23	1.0
24	1.0
25	1.0
26	1.0
27	1.0
28	1.0
29	1.0
30	1.0
31	1.0
32	1.0
33	1.0
34	1.0
35	1.0
36	1.0
37	1.0
38	1.0
39	1.0
40	1.0
41	1.0
42	1.0
43	1.0
44	1.0
45	1.0
46	1.0
47	1.0
48	1.0
49	1.0
50	1.0
51	1.0
52	1.0
53	1.0
54	1.0
55	1.0
56	1.0
57	1.0
58	1.0
59	1.0
60	1.0
61	1.0
62	1.0
63	1.0
64	1.0
65	1.0
66	1.0
67	1.0
68	1.0
69	1.0
70	1.0
71	1.0
72	1.0
73	1.0
74	1.0
75	1.0
76	1.0
77	1.0
78	1.0
79	1.0
80	1.0
81	1.0
82	1.0
83	1.0
84	1.0
85	1.0
86	1.0
87	1.0
88	1.0
89	1.0
90	1.0
91	1.0
92	1.0
93	1.0
94	1.0
95	1.0
96	1.0
97	1.0
98	1.0
99	1.0
100	1.0

DRAWDOWN VOLUME	GAL
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
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36	36
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41	41
42	42
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45	45
46	46
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48	48
49	49
50	50
51	51
52	52
53	53
54	54
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58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
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73	73
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75	75
76	76
77	77
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79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

PRODUCT THICKNESS	FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}}))$$

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

[illegible]

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

NOTES

1030 Collected sample @ AFB02 for
8260
- Field blank with deion water

SIGNATURE: _____

DeDeathers

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

JOB NUMBER 3031052006.08

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

Collect sample PARBO2 for
8280
- rinse blank off tubing

SIGNATURE:

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-6-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT
☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

WELL DEPTH 18.0 FT

PID		
AMBIENT AIR	00000000	PPA

WELL DIAMETER 2 IN

SCREEN LENGTH	14	FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

DRAWDOWN VOLUME	0.15	GAL

PRODUCT THICKNESS 0 FT

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

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED 1.0 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

0847 DTW = 5.92'

0855 DTW = 6.07'

NOTES

Tubing intake @ 13' below TDC

SIGNATURE:

DATE 11-5-08

SITE TYPE	Monitor Well

JOB NUMBER | 3031052006.08

MEASUREMENT POINT

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

WELL DIAMETER 2 IN

WELL	YES	NO	N/A
INTEGRITY: OAR	/		

INTEGRITY: CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☐	☒	☐

TOTAL VOL.
PURGED 1.1 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

TYPE OF PUMP

TYPE OF TUBING

TYPE OF PUMP MATERIAL

TYPE OF BLADDER MATERIAL (if applicable)

☐ TEFLON

☐ OTHER

NOTES

target intake @ 11 ft

SIGNATURE:

HORIBA MOL5-03

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-5-08

SITE ID 03-07

SITE TYPE Monitor Well

SITE ACTIVITY START 1347 END 1445

JOB NUMBER 3031052006.08

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 4.99 FT

WELL DEPTH 20.5 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 6.20 FT

SCREEN LENGTH 10 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 1.21 FT

DRAWDOWN VOLUME 0.19 GAL

PRODUCT THICKNESS — FT

CASING LOCKED YES NO N/A

COLLAR YES NO N/A

((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 1403

END PURGING 1427

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
1407	0.828	8.63	1.28	12.5	3.91	17.67	-27	207 mL/m
1410	0.621	8.70	1.28	8.1	2.82	17.75	-39	
1414	0.828	8.66	1.27	6.2	3.47	17.75	-45	
1417	0.600	8.61	1.24	8.3	3.24	17.83	-45	200 mL/m
1420	0.600	8.53	1.12	6.3	3.48	17.83	-43	
1424	0.800	8.51	1.11	4.8	3.50	17.88	-44	
1427	0.600	8.53	1.14	6.3	3.51	17.87	-41	
1430	collect 3 VOA vials for 8260							
1432	collect 03-07 (3 VOA) MS							
1434	collect 3 VOA 0307 MS (3 VOA)							

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

DTW 5.88 @ 1407
" 6.09 @ 1410
" 6.24 @ 1414
6.18 @ 1417
6.20 @ 1420
6.20 @ 1427

NOTES

target intake @ 15' BDOC

SIGNATURE: 

HORIBA M015-03

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-6-08

SITE ID 03-08

SITE TYPE Monitor Well

SITE ACTIVITY START 1034 END 1200

JOB NUMBER 3031052006.08

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 6.24 FT

WELL DEPTH 25.3 FT

PID AMBIENT AIR PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 9.40 FT

SCREEN LENGTH 10 FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP YES NO N/A
☒ ☐ ☐

DRAWDOWN 3.16 FT

DRAWDOWN VOLUME 0.51 GAL

PRODUCT THICKNESS FT

WELL INTEGRITY: CASING YES NO N/A
☒ ☐ ☐

LOCKED YES NO N/A
☒ ☐ ☐

COLLAR YES NO N/A
☐ ☒ ☐

((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 1051

END PURGING 1132

TOTAL VOL PURGED 1.6 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	0.741	10.39	0.936	22.3	0.65	17.49	-254	185 mL/m
1059	0.741	10.25	0.940	28.0	0.32	17.50	-261	"
1103	0.586	10.18	0.934	26.4	0.02	17.68	-272	147 mL/m
1110	1.03	10.25	0.873	49.6	0.00	17.76	-290	"
1116	0.768	9.88	0.614	34.3	0.00	17.85	-270	128 mL/m
1120	0.512	9.80	0.561	35.2	0.00	17.83	-267	
1124	0.512	9.74	0.551	35.3	0.00	17.84	-264	
1128	0.512	9.71	0.550	35.8	0.00	17.80	-265	
1132	0.512	9.69	0.560	37.0	0.00	17.76	-266	
1137	2 VOA's for VFA							
1141	3 VOA's for VOC 8260							
1145	Multiple BtAs TOC, CO ₂ 2 then, Methane,							

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

DTW 7.91 @ 1055
 8.13 @ 1059
 8.58 @ 1103
 9.29 @ 1110
 9.60 @ 1116
 9.55 @ 1120
 9.51 @ 1124
 9.40 @ 1132

NOTES

Intake @ 20' BDC
 *very minor amount of dark material (muc) w/ first slug of H₂O, intermittent afterwards flakes of black, gold slight odor

SIGNATURE: [Signature]

Horiba M015-03

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE 11-5-08

SITE ID OB-09

SITE TYPE Monitor Well

SITE ACTIVITY START 1615 END 1711

JOB NUMBER 3031052006.08

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 8.11 FT

WELL DEPTH 23.3 FT

PID AMBIENT AIR PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 9.12 FT

SCREEN LENGTH 10 FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP ☒ YES ☐ NO ☐ N/A

DRAWDOWN 1.01 FT

DRAWDOWN VOLUME 0.16 GAL

PRODUCT THICKNESS FT

CASING LOCKED ☒ YES ☐ NO ☐ N/A

((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 1625

END PURGING 1702

TOTAL VOL PURGED 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
1630	1.11	7.33	0.766	3.1	2.13	18.06	67	222 mL/m
1634	0.888	8.20	0.773	9.5	2.77	17.45	-13	
1637	0.666	8.31	0.777	5.4	0.79	17.31	-26	
1640	0.666	8.28	0.781	7.0	0.50	17.26	-31	
1643	0.615	8.27	0.780	11.1	0.39	17.21	-35	205 mL/m
1646	0.615	8.27	0.782	14.1	0.35	17.16	-38	
1651	1.03	8.27	0.783	17.0	0.12	17.12	-43	
1656	1.03	8.26	0.784	19.9	0.44	17.08	-46	
1659	0.615	8.24	0.785	34.5	0.46	17.07	-46	
1702	0.615	8.25	0.785	41.9	0.37	17.03	-47	
1705	collect 3	VOA vials	for 8260					

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

DTW @ 1630 = 8.89
 1634 = 9.08
 1637 = 9.17
 1640 = 9.17
 1643 = 9.12
 1646 = 9.12
 1651 = 9.12

NOTES

target intake @ 18 ft BDC

SIGNATURE: Amber

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-4-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

WELL DEPTH 173 FT

PID		
AMBIENT AIR	0.00000	0.00000

WELL
DIAMETER

SCREEN LENGTH 5 ET

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP			

RAWDOWN VOLUME 0.28 GAL

PRODUCT THICKNESS 

CASING	☒	_____	_____
LOCKED	☒	_____	_____
RELEASE	☒	_____	_____

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

BEGIN PURGING 15716

END
BURGING

TOTAL VOL. PURGED 1.2 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

8/2

[illegible]

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

WL measurement

11.5 @ 1509

11.8 @ 1513

12.32 @ 1520

12.51 @ 1524

12.53 @ 1528

12.53 @ 1533

12.55 @ 1538

SIGNATURE:

NOTES

NOTES Intake @ 155' below TOC

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-4-08

Tw-07

Monitor Well

START 1350

END 1435

3031052006.08

MEASUREMENT POINT

☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL	
DIFFERENCE	

INITIAL DEPTH TO WATER	9.38	FT

WELL DEPTH 20.72 FT

PID		
AMBIENT AIR		PPM

WELL DIAMETER	2

FINAL DEPTH TO WATER	10.50	FT.

SCREEN LENGTH 5 FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	☒	☐	☐

DRAWDOWN 1.12 ET

DRAWDOWN VOLUME	0.18	GAL

PRODUCT THICKNESS		ET

CASING	<u>✓</u>	—	—
LOCKED	<u>✓</u>	—	—
COLLAR	<u>✓</u>	✓	—

$$((\text{initial} - \text{final}) \times 0.16 \text{ {2-inch}}) \text{ or } \times 0.65 \text{ {4-inch}} \text{ or } \times 1.5 \text{ {6-inch}})$$

PURGE RATE 0.26 L/MIN

BEGIN
PURGING

END
PURGING

1423

TOTAL VOL
PURGED 1.48 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

1407	9.67
1412	10.1
1416	10.7
1420	10.5
1423	10.5

SIGNATURE

NOTES

target intake @ 16 ft
Horiba U-22 #6 seems to
have a malfunction in the

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-6-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE	—	FT

WELL DEPTH 17.70 FT

PID		
AMBIENT AIR		PPM

WELL DIAMETER	2	IN

SCREEN LENGTH	5	FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☐	☒	☐

DRAWDOWN VOLUME	0.03	GAL

PRODUCT THICKNESS	Copyright ET

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

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED 0.9 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

DTW 12.25 @ 1315
" 12.29 @ 1319
" 12.30 @ 1323
" 12.32 @ 1327
12.36 @ 1331

NOTES

Intake @ 15' BTCL

SIGNATURE:

HORIBA MO15-03

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 5/11-5-08

SITE ID TW-17

SITE TYPE Monitor Well

SITE ACTIVITY START 1517 END 1620

JOB NUMBER 3031052006.08

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 8.94 FT

WELL DEPTH 17.45 FT

PID AMBIENT AIR PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 9.72 FT

SCREEN LENGTH 5 FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 0.78 FT

DRAWDOWN VOLUME 0.12 GAL

PRODUCT THICKNESS 0 FT

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

((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 1535

END PURGING 1611

TOTAL VOL. PURGED 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
1542	1.33	7.10	1.04	0.7	1.50	16.30	-61	190 ml/min
1547	0.95	7.11	1.01	1.5	1.64	16.29	-75	
1551	0.76	7.12	1.01	1.0	1.59	16.21	-84	
1555	0.76	7.11	1.02	1.1	1.34	16.00	-89	
1559	0.76	7.11	1.02	1.0	1.12	15.99	-91	
1603	0.76	7.11	1.02	1.0	0.90	15.97	-95	
1607	0.76	7.11	1.01	0.8	0.83	15.97	-97	
1611	0.76	7.11	1.02	1.1	0.79	15.94	-97	
1613	Collect sample TW-17 for 8260							

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

1542 DTW = 9.61'
 1547 DTW = 9.67'
 1551 DTW = 9.70'
 1555 DTW = 9.71'
 1559 DTW = 9.71'
 1607 DTW = 9.72'

NOTES

Tubing intake placed @ ¹⁴¹13.5' below TOC

SIGNATURE: _____

Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE 11-4-08

SITE ID TW-20

SITE TYPE Monitor Well

SITE ACTIVITY START 1230 END 1325

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
☒ TOP OF WELL RISER
☒ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 12.76 FT

WELL DEPTH 17.22 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 13.19 FT

SCREEN LENGTH 5 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 0.43 FT

DRAWDOWN VOLUME 0.07 GAL

PRODUCT THICKNESS — FT

CASING LOCKED YES NO N/A

COLLAR YES NO N/A

((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 1237

END PURGING 1317

TOTAL VOL PURGED 1.6 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
1245	1.33	8.24	1.43	2.0	0.0	15.28	108	167 mL/m
1253	1.34	7.36	1.51	0.0	1.74	15.42	11	167 mL/m
1259	9.66	7.37	1.51	0.0	1.77	15.41	-5	161 mL/m
1301	0.322	7.36	1.51	1.2	1.82	15.34	-5	133 mL/m
1305	0.532	7.36	1.51	0.0	1.32	15.36	-5	133 mL/m
1309	0.532	7.36	1.51	0.1	1.15	15.42	-8	133 mL/m
1313	0.532	7.36	1.50	0.1	1.07	15.45	-9	" "
1317	0.532	7.36	1.51	0.1	1.03	15.41	-14	" "
1320	COLLECT BVOA vials for 87.60							

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

WL reading
1245 12.98'
1253 13.11'
1259 13.18'
1301 13.21'
1305 13.22'
1309 13.22'
1313 13.23'
1317 13.23'

NOTES

target 15.0 ft intake
changed Horiba's after 1st reading
to see if DO reading is accurate

SIGNATURE: Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-6-08

SITE ID W-5

SITE TYPE Monitor Well

SITE ACTIVITY START 1115 END 1200

JOB NUMBER 3031052006.08

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 6.33 FT

WELL DEPTH 21.80 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 2 IN

FINAL DEPTH TO WATER 8.53 FT

SCREEN LENGTH 5 FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A
CASING LOCKED
COLLAR

DRAWDOWN 2.20 FT

DRAWDOWN VOLUME 0.35 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 1128

END PURGING 1153

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
1136	1.04	6.97	1.41	5.4	0.77	15.91	-59	130 ml/min
1140	0.52	6.96	1.41	12.3	0.61	15.91	-58	
1145	0.65	6.95	1.41	12.3	0.54	16.04	-58	
1151	0.78	6.94	1.41	11.6	0.57	16.11	-61	100 ml/min
1153	Collect sample W-5 for 8260							
1155	Collect sample W-5 (DUP) for 8260							

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

1136 DTW = 7.25'
1140 DTW = 8.06'
1151 DTW = 8.53'

NOTES

Tubing intake @ 17' below TWC

SIGNATURE: Joe Deatherage

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-3-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

WELL DEPTH 38.60 FT

PID	PPM
AMBIENT AIR	0.000000

WELL DIAMETER 4

SCREEN LENGTH	N/A	FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

DRAWDOWN VOLUME 0.38 GAL

PRODUCT THICKNESS 0 FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED	3.3	GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

NL

15.91' @ 1130
15.95 @ 1135
15.90 @ 1150

NOTES

target depth = 18.0 ft

1126 2 L
1128 500ml

SIGNATURE: _____

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-4-08

SITE ID BR-02

SITE TYPE Monitor Well

SITE ACTIVITY START 1356 END 1435

JOB NUMBER 3031052006.06

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☒ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 22.19 FT

WELL DEPTH 42.75 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 22.71 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 0.52 FT

DRAWDOWN VOLUME 0.34 GAL

PRODUCT THICKNESS — FT

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

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

PURGE RATE 0.26 L/MIN

BEGIN PURGING 1400

END PURGING 1427

TOTAL VOL PURGED 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
1408	2.08	7.75	0.839	14.2	1.15	16.55	-190	260ml/min ↓
1410	0.52	7.75	0.843	15.0	0.65	16.21	-195	
1413	0.78	7.74	0.841	10.2	0.79	16.17	-195	
1415	0.52	7.76	0.836	7.8	0.73	16.52	-199	
1417	0.52	7.74	0.839	8.1	0.59	16.13	-199	
1419	0.52	7.73	0.838	8.0	0.53	16.28	-196	
1422	0.78	7.72	0.843	5.7	0.31	16.09	-196	
1425	0.78	7.71	0.848	5.7	0.32	16.00	-193	
1427	0.52	7.75	0.835	7.0	0.30	16.04	-202	
1428	collected sample BR-02 for 8260							

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

NOTES

target intake @ 25 ft

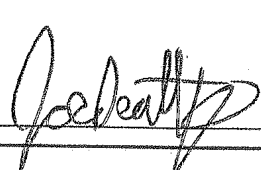
1413 DTW = 22.59'

1417 DTW = 22.61'

1419 DTW = 22.66'

1422 DTW = 22.68'

1427 DTW = 22.71'

SIGNATURE: 

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-4-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

MEASUREMENT POINT

☐	TOP OF WELL RISER
☒	TOP OF PROTECTIVE CASING
☐	OTHER

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE
CASING / WELL
DIFFERENCE

WELL DEPTH 40.1 FT

PID		
AMBIENT AIR		PPM

WELL DIAMETER 4 IN

SCREEN
LENGTH

NA	FT

PID WELL		PPM
MOUTH		

WELL	YES	NO	N/A
INTEGRITY: CAP	☒	☐	☐
CASING	☒	☐	☐
LOCKED	☒	☐	☐
COLLAR	☒	☐	☐

DRAWDOWN VOLUME 0.8 GAL

PRODUCT THICKNESS — FT

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}}) \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}}$$

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED 1.4 GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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:

11.69'	DTW	@	1606
11.81'	"	@	1609
12.02	"	@	1612
12.26	"	@	1615
12.37	"	@	1618
12.48	"	@	1621

NOTES

Intake @ 14 feet BTDC

SIGNATURE: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-6-08

SITE TYPE	Monitor Well

JOB NUMBER	3031052006.08

MEASUREMENT POINT

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE		

WELL DEPTH 44.2 FT

PID		
AMBIENT AIR		PPM

WELL DIAMETER 4 IN.

SCREEN LENGTH NA FT

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY- CAP			

DRAWDOWN VOLUME	0.05	GAL

PRODUCT THICKNESS	0	ET

CASING	11/16" x 1/2"	11/16" x 1/2"	11/16" x 1/2"
LOCKED	11/16" x 1/2"	11/16" x 1/2"	11/16" x 1/2"
COLLAR	11/16" x 1/2"	11/16" x 1/2"	11/16" x 1/2"

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED	1.2	GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

0948 DTW = 19.581
0957 DTW = 19.581
0954 DTW = " "
0957 DTW = " "
1006 DTW = " "

NOTES

Tubing intake @ 22' below TOC

SIGNATURE:

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-6-08

SITE ID BR-05

SITE TYPE Monitor Well

SITE ACTIVITY START 0912 END 1030

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☒ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 19.54 FT

WELL DEPTH 50.15 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 19.74 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 0.20 FT

DRAWDOWN VOLUME 0.13 GAL

PRODUCT THICKNESS — FT

CASING LOCKED YES NO N/A

COLLAR YES NO N/A

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

PURGE RATE 0.15 LMIN

BEGIN PURGING 0924

END PURGING 1012

TOTAL VOL. PURGED 2.2 GAL

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	pH (units)	SpC (cond) (mS/cm)	TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	REDOX POTENTIAL (mV)	Comments
0932	1.36	10.92	0.137	29.5	2.79	16.68	-216	170 mL/m
0936	0.680	11.47	0.137	29.5	1.64	16.60	-269	
0940	0.680	11.56	0.137	29.2	1.21	16.68	-292	
0944	0.680	11.60	0.138	29.0	0.83	16.70	-306	
0948	0.680	11.61	0.140	20.2	0.56	16.68	-319	
0953	0.850	11.60	0.141	20.4	0.32	16.68	-325	
1000	1.19	11.58	0.142	17.7	0.71	16.62	-331	
1003	0.510	11.61	0.143	11.8	0.20	16.59	-336	
1006	0.510	11.62	0.143	7.8	0.03	16.62	-339	
1009	0.510	11.61	0.144	8.3	0.00	16.66	-341	
1012	0.510	11.60	0.145	8.5	0.01	16.71	-343	✓
1014	collect	3	VOA vials	for 8260				
1016	collect	3	VOA vials	for 8260 MS				
1018	collect	3	VOA vials	for 826 MSD				

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

19.72 @ 0932
" 19.74 @ 0936
" 19.74 @ 0940
" 19.74 @ 0944
" 19.74 @ 0948
" 19.74 @ 0953
" 19.74 @ 1000
" 19.74 @ 1003
" 19.74 @ 1006

NOTES

intake @ 22' BDOC
DTW 19.74 @ 1009

SIGNATURE

[Signature]

HORIBA MO15-03

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-5-08

SITE TYPE	Monitor Well

SITE ACTIVITY START 1218 END 1350

JOB NUMBER	3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE	
	FT

INITIAL DEPTH TO WATER	13.31	ET

WELL DEPTH 42-6 FT

PID	
AMBIENT AIR	PPM

WELL DIAMETER	4	IN

FINAL DEPTH TO WATER	14.9	ET

SCREEN LENGTH NA ET

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: CAP			

DRAWDOWN	1.10	ET

DRAWDOWN VOLUME	0.72	GAL

PRODUCT THICKNESS	0 FT

LOCKED	0000000000	0000000000	0000000000
COLLAR	0000000000	0000000000	0000000000

$$((\text{initial} - \text{final}) \times 0.16 \text{ {2-inch}} \text{ or } \times 0.65 \text{ {4-inch}} \text{ or } \times 1.5 \text{ {6-inch}}))$$

PURGE RATE 0.20 L/MIN

BEGIN
PURGING

END
PURGING

TOTAL VOL PURGED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

(purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

[illegible]

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

1230 DTW = 13.77'
1283 " = 13.94'
1296 " = 14.14'
1239 " = 14.30'
1243 " = 14.41'

NOTES

Intake for tubing @ 16' below TDC

SIGNATURE: _____

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE 11-3-08

SITE ID BR-07

SITE TYPE Monitor Well

SITE ACTIVITY START 0955 END 1040

JOB NUMBER 3031052006.08

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 23.65 FT

WELL DEPTH 53.3 FT

PID AMBIENT AIR _____ PPM

WELL DIAMETER 4 IN

FINAL DEPTH TO WATER 23.67 FT

SCREEN LENGTH NA FT

PID WELL MOUTH _____ PPM

WELL INTEGRITY: CAP YES NO N/A
CASING ☒ ☐ ☐
LOCKED ☒ ☐ ☐
COLLAR ☒ ☐ ☐

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 .227 L/MIN

BEGIN PURGING 1010

END PURGING 1032

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
1016	1.36	8.61	3.18	38.0	0	14.14	-290	227 mL/min
1021	1.14	9.10	3.18	37.0	0	14.08	-321	
1024	0.681	9.22	3.19	40.0	0	14.09	-327	
1026	0.454	9.27	3.19	37.0	0	14.12	-334	
1029	0.681	9.31	3.20	33.0	0	14.13	-336	
1031	0.454	9.25	3.20	30.0	0	14.16	-339	
1033	Collect sample BR-07 for B260							

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

NOTES

Intake @ 26' below TOC

0.012

23.69 = 1st
23.69 = 2nd
23.69 = 3rd
23.68 = 4th
23.68 = 5th
23.68 = 6th

SIGNATURE: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

JOB NUMBER 3031052006.08

TOTAL VOL. PURGED 1.3 GA
(purge rate (L/min) x duration (min) x 0.001)

- target intake @ 22 ft blos
- take sample because drawdown is approaching intake and turbidity is rising

SIGNATURE: _____

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE 11-5-08

SITE ID BR-09

SITE TYPE Monitor Well

SITE ACTIVITY START END

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 19.59 FT

WELL DEPTH 47.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER 19.58 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: YES NO N/A

DRAWDOWN 0 FT

DRAWDOWN VOLUME 0 GAL

PRODUCT THICKNESS 0 FT

CAP —
 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 1314

END PURGING 1354

TOTAL VOL PURGED 2.46 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
1319	1.25	9.50	0.255	7.3	1.04	16.44	-305	250ml/min
1322	0.75	9.49	0.258	7.6	0.54	16.49	-312	
1326	1.0	9.49	0.267	8.4	0.43	16.51	-312	
1329	0.75	9.48	0.284	7.4	0.37	16.52	-317	
1332	↓	9.44	0.300	5.4	0.35	16.33	-321	
1335	↓	9.41	0.328	6.5	0.32	16.41	-329	
1338	↓	9.35	0.373	8.0	0.30	16.35	-340	
1343	1.25	9.30	0.424	3.5	0.29	16.34	-352	
1348	1.25	9.26	0.446	3.4	0.27	16.30	-360	
1351	0.75	9.27	0.452	2.2	0.27	16.38	-364	
1354	0.75	9.27	0.456	2.0	0.25	16.35	-363	
1355	Collected sample BR-09 for 8260							

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

1319 DTW = 19.58'
 1338 DTW = 19.58'
 1351 DTW = 19.58'

NOTES

Tubing intake @ 22' below TWC

SIGNATURE: Joe Deatherage

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2006 2nd Semi-Annual Sampling Event

DATE 11-5-08

SITE ID BR-10

SITE TYPE Monitor Well

SITE ACTIVITY START 1457 END 1557

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☐ TOP OF WELL RISER
☒ TOP OF PROTECTIVE CASING
☐ OTHER _____

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 19.14 FT

WELL DEPTH 47.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER 19.10 FT

SCREEN LENGTH N/A FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP ☒ YES ☐ NO ☐ N/A
 CASING ☒
 LOCKED ☒
 COLLAR ☒

DRAWDOWN 0.04 FT

DRAWDOWN VOLUME 0.06 GAL

PRODUCT THICKNESS — FT

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

PURGE RATE 0.19 L/MIN

BEGIN PURGING 1501

END PURGING 1549

TOTAL VOL. PURGED 2.5 GAL
 (purge rate (L/min) x duration (min) x 0.26 gal/L)

PURGE DATA

Time	VOLUME PURGED (L)	0.1 pH (units)	3% SpC (cond) (mS/cm)	10% TURBIDITY (NTU)	DISSOLVED O ₂ (mg/L)	TEMPERATURE (°C)	10 REDOX POTENTIAL (mV)	Comments
1507	1.16	10.92	0.117	84.3	2.76	16.56	-177	250 mL 194 mL/min
1510	0.582	11.23	0.116	89.4	1.87	16.55	-210	
1513	0.582	11.25	0.117	45.0	1.40	16.49	-226	
1516	0.582	11.21	0.117	42.8	1.14	16.47	-230	
1521	0.970	11.08	0.117	36.7	0.85	16.41	-232	
1524	0.582	10.75	0.118	37.1	0.55	16.39	-212	
1527	0.582	10.82	0.118	32.2	0.83	16.41	-218	
1530	0.582	10.77	0.119	27.2	0.41	16.38	-218	
1535	0.970	10.70	0.119	27.0	0.19	16.36	-214	
1540	0.970	10.70	0.120	25.5	0.05	16.32	-218	
1543	0.582	10.68	0.120	24.8	0.01	16.32	-217	
1546	0.582	10.59	0.121	30.0	0.02	16.29	-210	
1549	0.582	10.63	0.122	29.5	0.02	16.30	-216	
1550	collect 3 VOA vials for 8260							

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

DTW @ 1507 = 19.10
 " 1510 = 19.10
 1513 = 19.10
 1516 = 19.10
 1521 = 19.10
 1524 = 19.10
 1527 = 19.10
 1535 = 19.10
 1540 = 19.10

NOTES

target intake @ 21.5' BTOC

SIGNATURE: Angela Adair

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-5-08

SITE ID BR-11

SITE TYPE Monitor Well

SITE ACTIVITY START 0934 END

JOB NUMBER 3031052006.08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☐ TOP OF WELL RISER
☒ TOP OF PROTECTIVE CASING
☐ OTHER

PROTECTIVE CASING STICKUP (FROM GROUND) — FT

PROTECTIVE CASING / WELL DIFFERENCE — FT

INITIAL DEPTH TO WATER 19.39 FT

WELL DEPTH 52.0 FT

PID AMBIENT AIR — PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER 19.44 FT

SCREEN LENGTH NA FT

PID WELL MOUTH — PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 0.05 FT

DRAWDOWN VOLUME 0.07 GAL

PRODUCT THICKNESS — FT

CASING LOCKED YES NO N/A

COLLAR YES NO N/A

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

PURGE RATE 0.23 L/MIN

BEGIN PURGING 0948

END PURGING 1048

TOTAL VOL PURGED 3.6 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
0953	1.15	9.20	0.152	11.6	9.56	19.68	-315	230 mL/min
0956	0.690	9.23	0.155	11.8	9.16	15.72	-322	
0959	0.690	9.30	0.160	13.1	8.78	15.75	-330	
1002	0.690	9.35	0.165	12.0	8.54	15.76	-328	
1005	0.690	9.39	0.168	10.6	8.28	15.76	-326	
1008	0.690	9.41	0.171	11.3	8.02	15.71	-327	
1011	0.690	9.42	0.174	9.7	7.71	15.79	-327	
1019	1.84	9.46	0.183	8.6	7.01	15.81	-329	
1024	1.15	9.51	0.200	12.5	6.54	15.87	-330	
1027	0.690	9.54	0.214	8.8	6.31	15.88	-329	
1030	0.690	9.59	0.231	7.4	6.07	15.90	-330	
1042	2.76	9.88	0.348	12.7	5.16	15.95	-320	
1045	0.690	9.95	0.372	13.1	4.94	16.04	-315	
1048	0.690	10.01	0.381	16.4	4.69	16.03	-308	

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

19.41 BTW @ 0953 19.44 BTW @ 1042
19.43 " @ 0956
19.43 " @ 0959
19.44 " @ 1002
19.44 " @ 1005
19.44 " @ 1008
19.44 " @ 1011
19.44 " @ 1019
19.44 @ 1024
19.44 @ 1030

NOTES

1050 Collect Sample BR-11 for 8260
1055 Collect Sample BR-11 (Dup) for 8260
- Purging stopped because turbidity was increasing

SIGNATURE: Joe Reath

Mactec Engineering and Consulting

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Former Taylor Instruments
2008 2nd Semi-Annual Sampling Event

DATE 11-6-08

SITE ID BR-15

SITE TYPE Monitor Well

SITE ACTIVITY START 0815 END 0910

JOB NUMBER 3031052006.08

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 17.37 FT

WELL DEPTH 72.0 FT

PID AMBIENT AIR PPM

WELL DIAMETER 6 IN

FINAL DEPTH TO WATER 18.41 FT

SCREEN LENGTH NA FT

PID WELL MOUTH PPM

WELL INTEGRITY: CAP YES NO N/A

DRAWDOWN 1.04 FT

DRAWDOWN VOLUME 0.16 GAL

PRODUCT THICKNESS FT

CASING LOCKED ☒ YES ☐ NO ☐ N/A
COLLAR ☐ YES ☒ NO ☐ N/A

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

PURGE RATE 0.18 L/MIN

BEGIN PURGING 0823

END PURGING 0856

TOTAL VOL PURGED 1.6 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
0830	1.40	8.43	0.219	2.3	8.34	16.22	76	200 mL/m
0833	0.60	8.61	0.220	0.9	8.06	16.35	65	
0836	0.60	8.78	0.223	0.6	7.99	16.37	54	
0840	0.80	8.88	0.224	0.0	7.76	16.42	43	
0846	0.96	8.99	0.225	0.0	7.50	16.39	31	160 mL/m
0852	0.96	9.02	0.225	0.0	8.12	16.40	24	
0856	0.64	9.07	0.225	0.0	7.72	16.43	20	
0858	collect	3 VOA vials	for VOA	8260				

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

17.74 DTW @ 0830
17.80 " @ 0833
17.90 " @ 0836
18.02 " @ 0840
18.25 " @ 0846
18.35 " @ 0852
18.41 " @ 0856

NOTES

target intake @ 20' BTDC

SIGNATURE

[Signature]

HORIBA

M015-03

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-4-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

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		ET

WELL DEPTH	
	FT

PID	PPM
AMBIENT AIR	

WELL DIAMETER	IN

FINAL DEPTH TO WATER	ET

SCREEN LENGTH		FT

PID WELL MOUTH	PPM

WELL	YES	NO	N/A
INTEGRITY: CAP			

DRAWDOWN	

DRAWDOWN	
VOLUME	GAL

PRODUCT THICKNESS	FT

[illegible]
$$((\text{initial} - \text{final}) \times 0.16 \text{ {2-inch}}) \text{ or } \times 0.65 \text{ {4-inch}} \text{ or } \times 1.5 \text{ {6-inch}}$$

PURGE RATE L/MIN

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

NOTES

Collect sample VAFB01 (Field blank)
for 8260
- 0± water sample

SIGNATURE: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-6-08

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT

☐	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

PROTECTIVE
CASING STICKUP
(FROM GROUND)

PROTECTIVE CASING / WELL DIFFERENCE	

INITIAL DEPTH TO WATER	FT

WELL DEPTH	
	FT

PID	
AMBIENT AIR	RPM

WELL DIAMETER	
12	
14	
16	
18	
20	
22	
24	
26	
28	
30	
32	
34	
36	
38	
40	
42	
44	
46	
48	
50	
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72	
74	
76	
78	
80	
82	
84	
86	
88	
90	
92	
94	
96	
98	
100	

FINAL DEPTH TO WATER	ET

SCREEN LENGTH	ET

PID WELL
MOUTH

WELL	YES	NO	N/A
INTEGRITY: GAS			

DRAWDOWN	
	ET

DRAWDOWN	
VOLUME	GAL
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
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89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

PRODUCT THICKNESS	

CASING	Serial Number	Serial Number	Serial Number
LOCKED			
2014			

((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

[illegible]

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

NOTES

1420 collect sample QAFBOD

SIGNATURE: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

DATE 11-6-08

SITE TYPE	Monitor Well

JOB NUMBER 3031052006.08

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	ET

SCREEN LENGTH	FT

PID WELL	
MOUTH	PPM

WELL	YES	NO	N/A

DRAWDOWN

DRAWDOWN VOLUME	GAL
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

PRODUCT THICKNESS		ET

INTEGRITY; CAP	_____	_____	_____
CASING	_____	_____	_____
LOCKED	_____	_____	_____
COLLAR	_____	_____	_____

$$((\text{initial} - \text{final}) \times 0.16 \text{ \{2-inch\}} \text{ or } \times 0.65 \text{ \{4-inch\}} \text{ or } \times 1.5 \text{ \{6-inch\}})$$

PURGE RATE	

BEGIN
PURGING

END
PURGING

TOTAL VOL. PURGED GAL
(purge rate (L/min) x duration (min) x 0.26 gal/L)

[illegible]

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

NOTES

1425 Collected sample GARB02 off
rebar (rinse blank)

SIGNATURE: _____

APPENDIX G

WELL CONSTRUCTION INFORMATION

Appendix G

Well Construction Information

2008 Annual Progress Report
and Remedial Progress Evaluation
Former Taylor Instruments Site
Rochester, New York

Well ID	Date Installed	Well Purpose/Type	Well Location	Boring Depth	Well Depth	Screen Interval		Survey Coordinates			Well Material	Completion		
						Top	Bottom	Easting	Northing	Elevation		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 G Well Construction Information

2008 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		

Prepared by/Date: JES 2/20/09

Checked by/Date: KJD 2/25/09

APPENDIX H

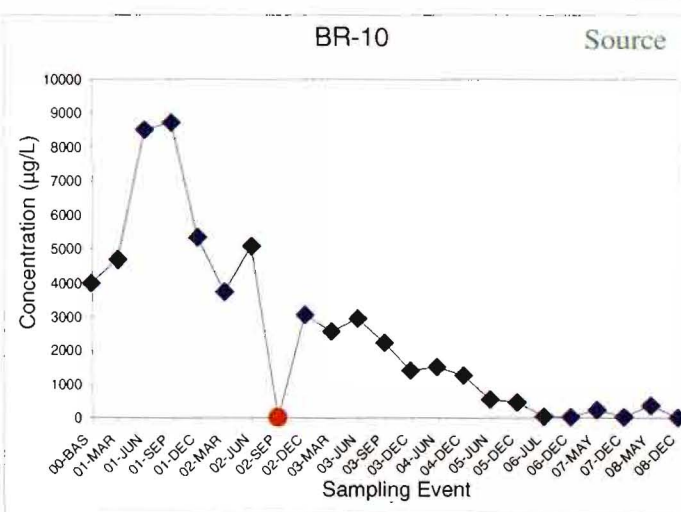
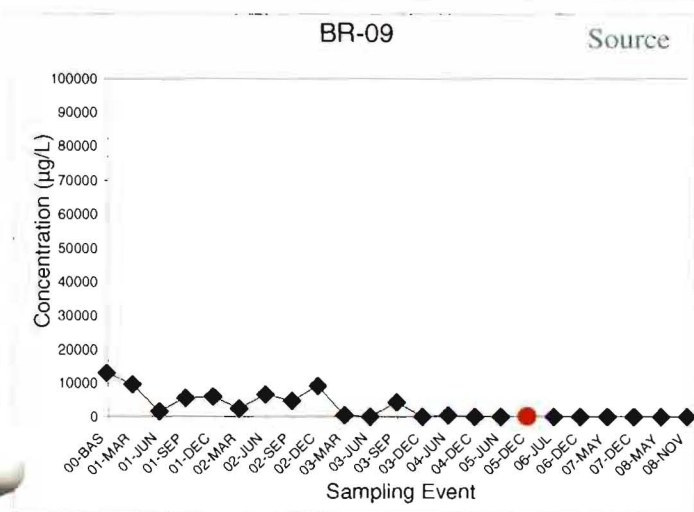
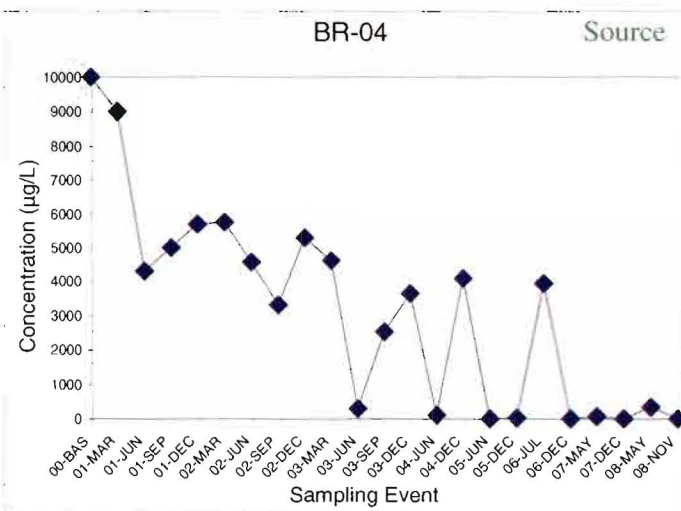
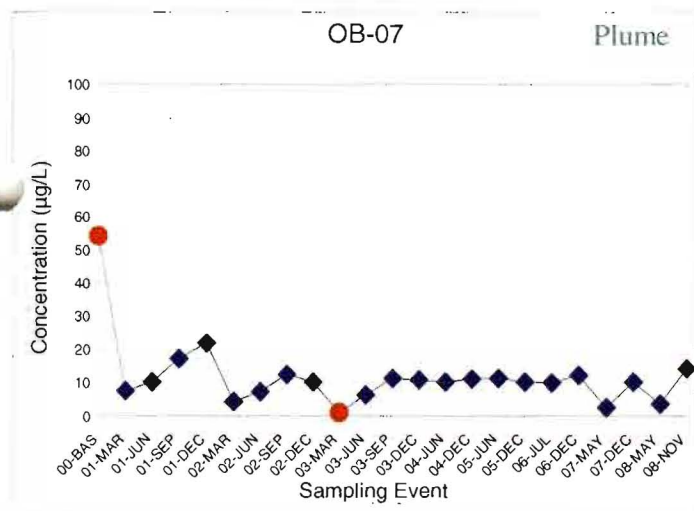
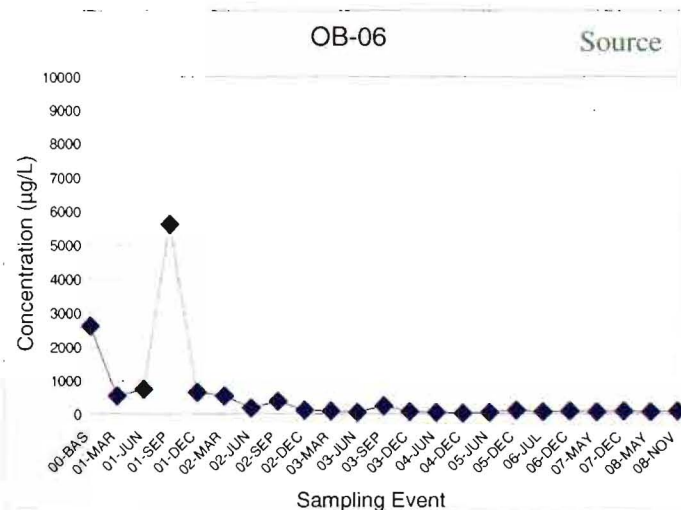
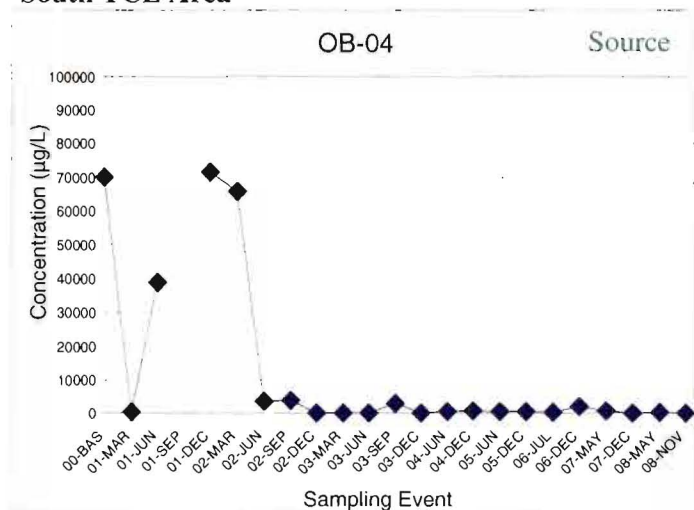
MONITOR WELL CONCENTRATION TREND GRAPHS

Appendix H

Monitor Well Concentration Trend Graphs

(TCE Concentration Trends)

South TCE Area

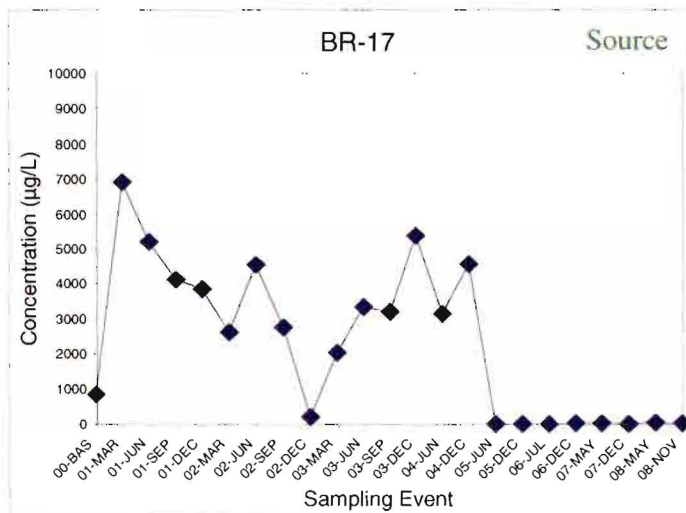
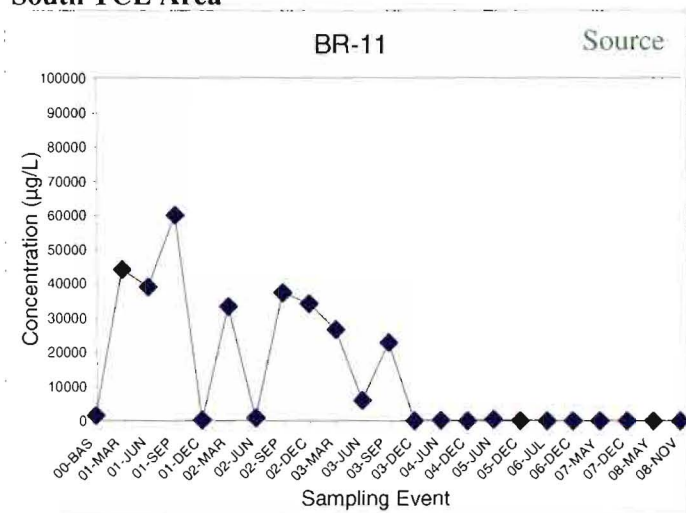


◆ = actual value
● = value below detection limit (as plotted)

Appendix H

Monitor Well Concentration Trend Graphs (TCE Concentration Trends)

South TCE Area



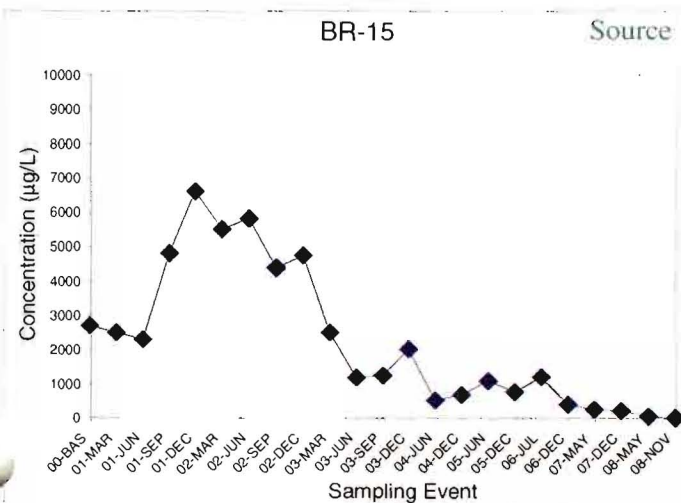
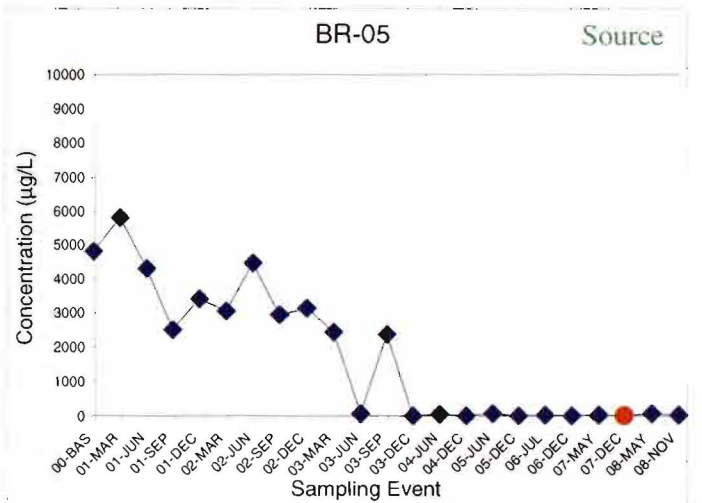
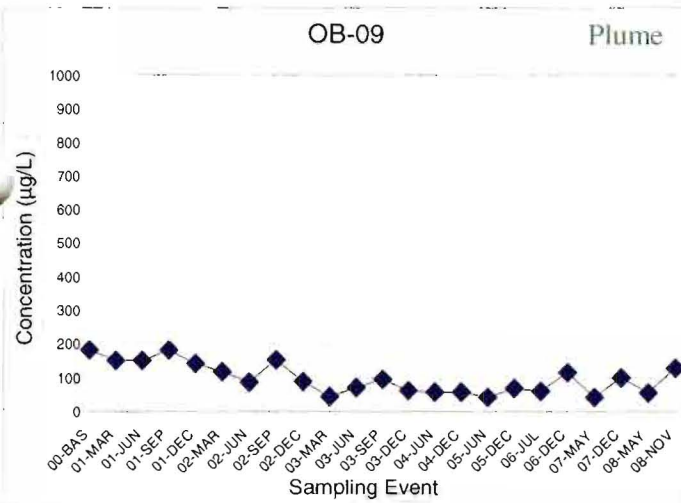
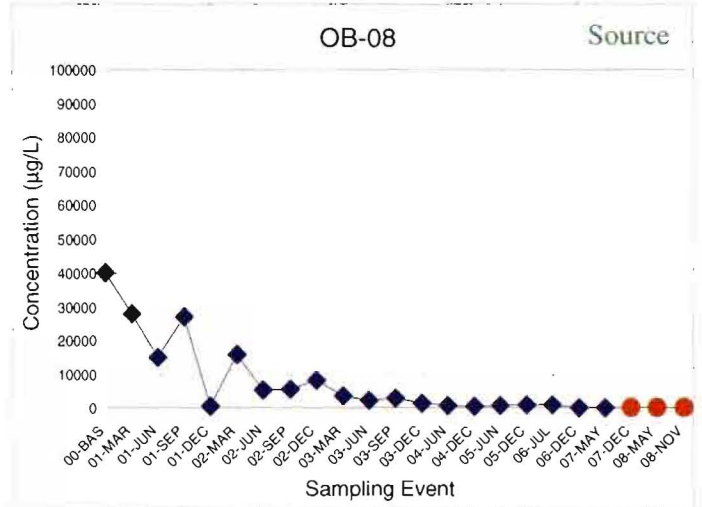
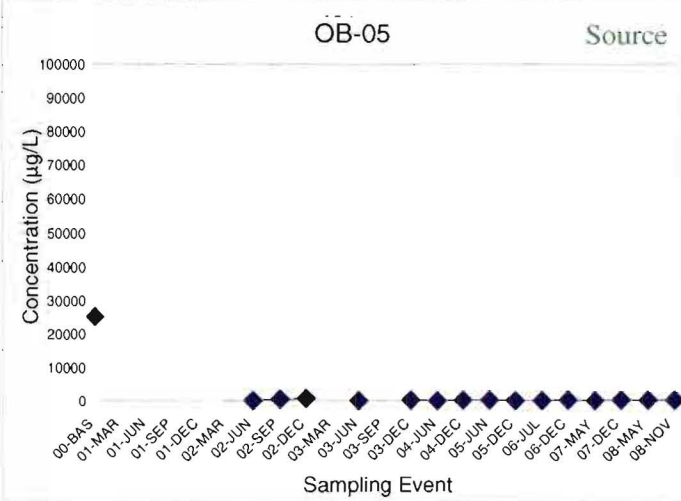
◆ = actual value
● = value below detection limit (as plotted)

Appendix H

Monitor Well Concentration Trend Graphs

(TCE Concentration Trends)

North TCE Area

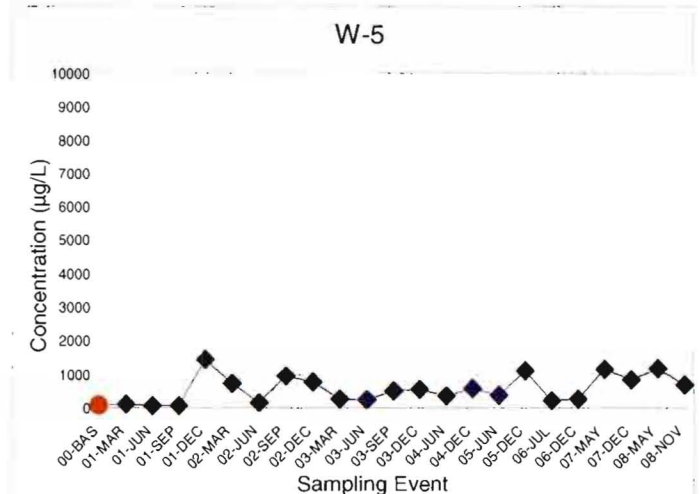
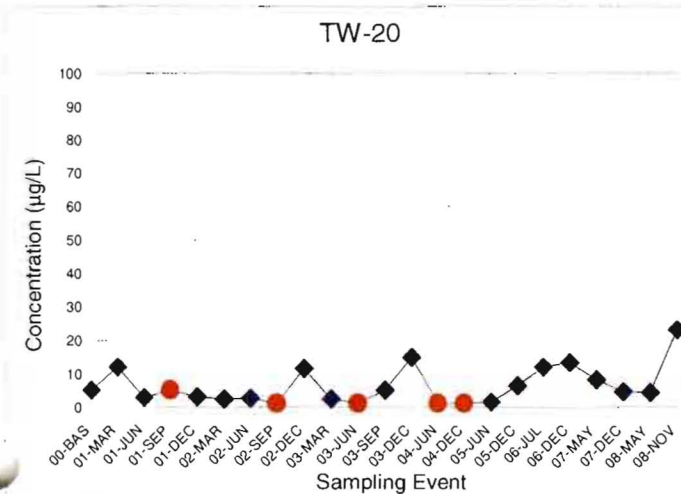
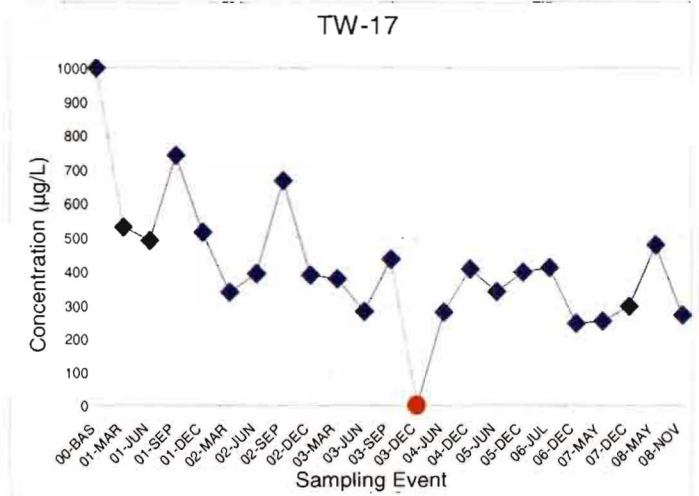
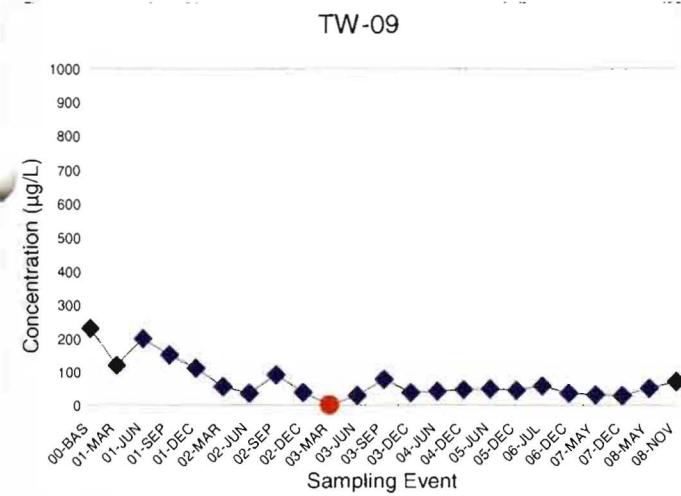
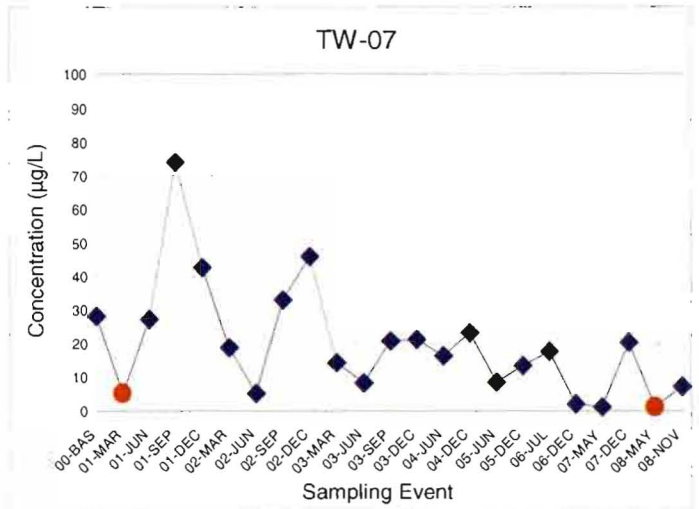
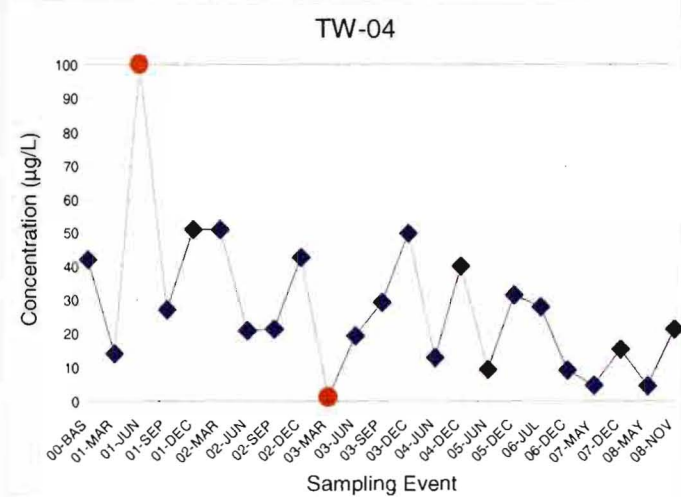


◆ = actual value
 ● = value below detection limit (as plotted)

Appendix H

Monitor Well Concentration Trend Graphs (TCE Concentration Trends)

Perimeter Downgradient Area

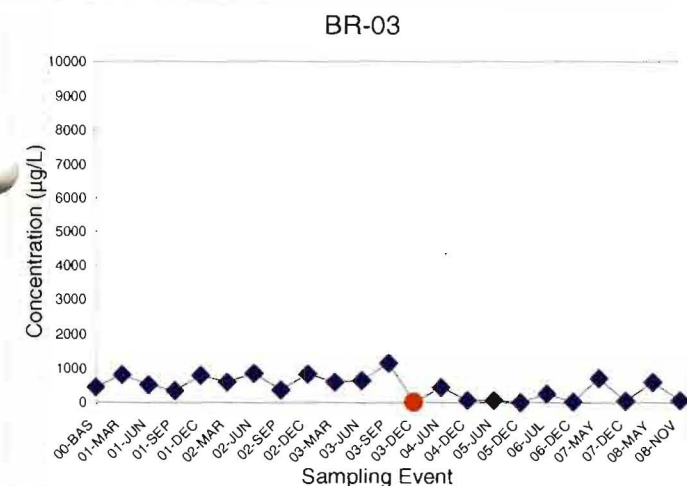
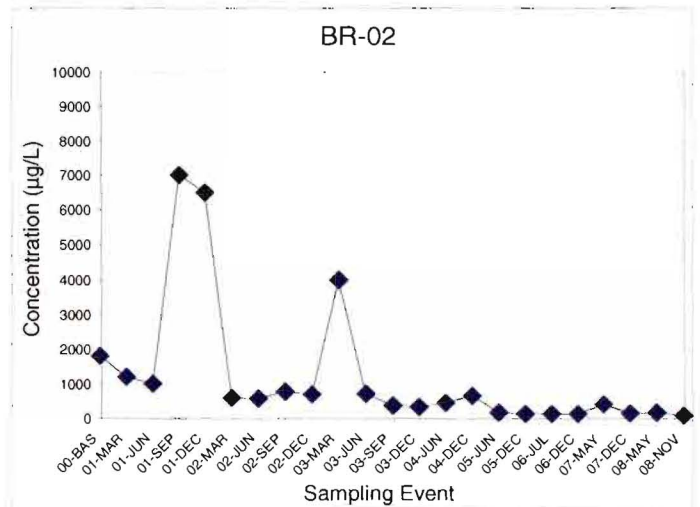
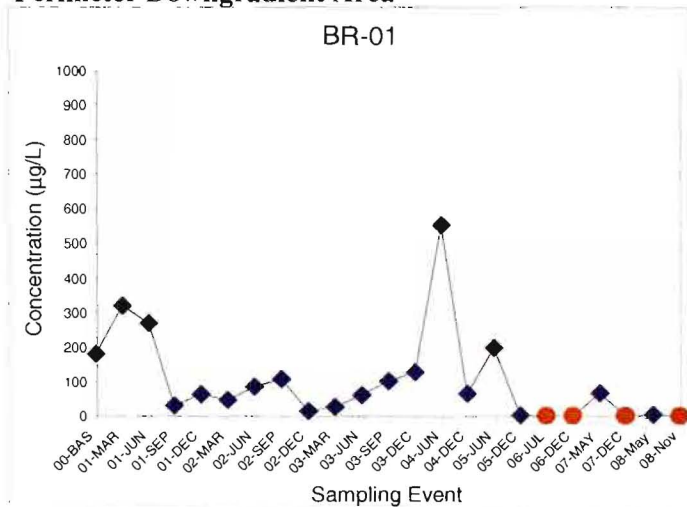


◆ = actual value
● = value below detection limit (as plotted)

Appendix H

Monitor Well Concentration Trend Graphs (TCE Concentration Trends)

Perimeter Downgradient Area

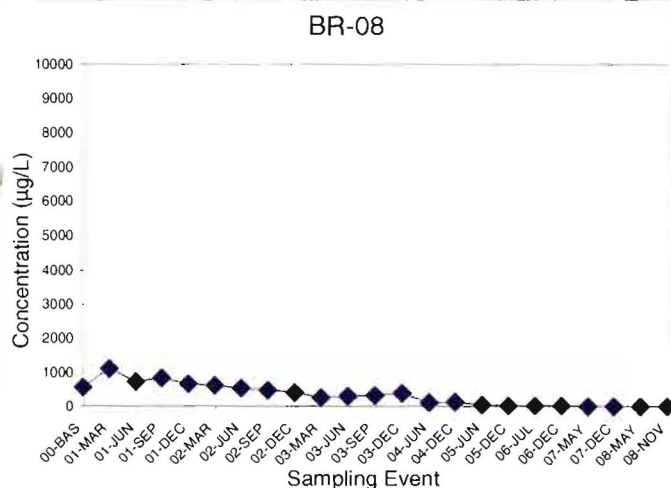
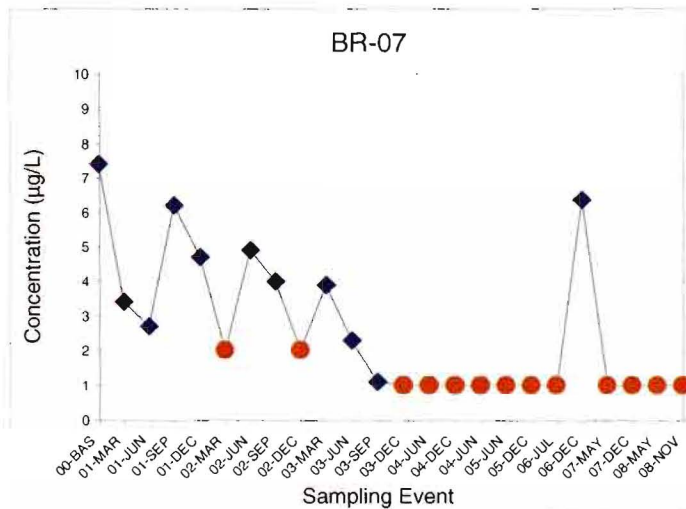
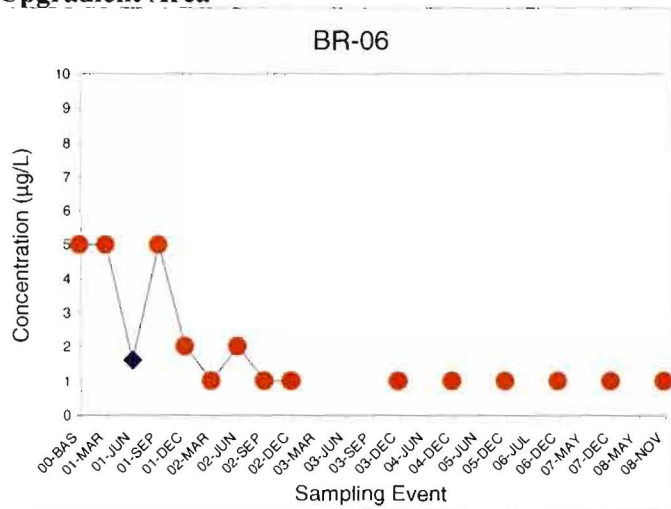


◆ = actual value
● = value below detection limit (as plotted)

Appendix H

Monitor Well Concentration Trend Graphs (TCE Concentration Trends)

Upgradient Area



◆ = actual value
● = value below detection limit (as plotted)