

**SUPPLEMENTAL COMPREHENSIVE INVESTIGATION
GROUNDWATER MONITORING REPORT**

FOR

**THE ALABAMA ARMY NATIONAL GUARD (AANG)
ORGANIZATIONAL MAINTENANCE SHOP 28 (OMS-28)
1622 SOUTH BROAD STREET
MOBILE, MOBILE COUNTY, ALABAMA
Groundwater Incident No. GW 07-01-02**

DECEMBER 2009

PREPARED FOR:



**U. S. ARMY CORPS OF ENGINEERS – MOBILE DISTRICT
MOBILE, ALABAMA
CONTRACT NO. W91278-06-D-0066
TASK ORDER 0015**

PREPARED BY:

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Certification Page

I certify under penalty of law that I am an Alabama Registered Professional Geologist experienced in hydrogeologic investigations. The investigation described in this report was overseen by a Geologist or Alabama Registered Professional Geologist experienced in hydrogeologic investigations. The information submitted herein, to the best of my knowledge and belief, is true, accurate and complete. I am aware that there are significant penalties for submitting false information.



Geoffrey Reichold, P.G.

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LIST OF ACRONYMS

AANG	Alabama Army National Guard
AEROSTAR	Aerostar Environmental Services, Inc.
ADEM	Alabama Department of Environmental Management
ARBCA	Alabama Risk Based Corrective Action
DO	Dissolved Oxygen
EPA	United States Environmental Protection Agency
EPA RSL	EPA Regional Screening Level for Chemical Contaminants at Superfund Sites
FAA	Federal Aviation Administration
FMS	Field Maintenance Shop
IDW	Investigation Derived Waste
IWS	Industrial Water Services
IDWMP	Investigation Derived Waste Management Plan
MAA	Mobile Airport Authority
MCL	Maximum Contamination Level
mg/L	milligrams per Liter
MSL	Mean Sea Level
NAPL	Non-Aqueous Phase Liquid
NCP	National Contingency Plan
NGVD	National Geodetic Vertical Datum
OMS	Organizational Maintenance Shop
PCE	Tetrachloroethene
PSV	Preliminary Screening Value
RNA	Remediation through Natural Attenuation
SI	Secondary Investigation
SSTL	Site Specific Target Level
TCE	Trichloroethene, AKA Trichloroethylene
TCL	Target Compound List
TOC	Top of Casing
USA	University of South Alabama
USACE	United States Army Corps of Engineers
UST	Underground Storage Tank
VOC	Volatile Organic Compound
WP	Work Plan

1.0 INTRODUCTION

Aerostar Environmental Services, Inc (AEROSTAR) under contract to the United States Army Corps of Engineers (USACE)-Mobile District, has completed field activities and data collection for the third of three groundwater sampling events scheduled at the Alabama Army National Guard (AANG) Organizational Maintenance Shop (OMS) Number 28, herein identified as OMS-28 located at 1622 South Broad Street on the Brookley Complex, Mobile, Mobile County, Alabama (see **Figure 1, Site Location Map**).

Please note that the AANG changed the OMS to a Field Maintenance Shop (FMS) several years ago. However, the Alabama Department of Environmental Management's (ADEM) official name for the site is OMS-28 and all previous investigations at the site, including the underground storage tank (UST) removal and investigation, have been designated as OMS-28. Therefore, to avoid confusion, the AANG continues to refer to the site as OMS-28 in all documentation relating to environmental investigations at the site.

This investigation was conducted under the authority of the USACE-Mobile District, Contract Number W91278-06-D-0066, Task Order Number 0015. All project activities were conducted in accordance with the previously approved March 2008 Work Plan (WP). The scope-of-work for each OMS-28 groundwater monitoring event includes:

- Collection of depth-to-water measurements and groundwater samples for laboratory analysis
- Preparation of potentiometric and groundwater flow figures
- Presentation and discussion of groundwater analytical results including distribution and comparison to existing action levels
- Comparison of data collected during the current groundwater-monitoring event with previously completed groundwater flow and analytical data
- Recommendations based on results of monitoring activities

This report is intended to satisfy the requirements of the ADEM letter dated June 28, 2007, and is the third of three Supplemental Comprehensive Investigation Groundwater Monitoring Reports.

2.0 PROJECT DESCRIPTION

2.1 Site Description

OMS-28 is located in Mobile County, near downtown Mobile at 1622 South Broad Street, between U.S. Interstate Highway 10 and Mobile Bay. The property is relatively flat with an elevation of approximately 20 to 30 feet above mean sea level (MSL). The subject property is located in Section 1, Township 4 South, Range 1 West and at approximate location of Longitude 88° 03' 42" West and Latitude 30° 39' 11" North within the Brookley Complex, as depicted in **Figure 1** and **Figure 2, Project Site Map**. The OMS-28 site is bordered by U.S. Interstate Highway 10 to the west and north; Fort Floyd A. McCorkle AANG facility building to the east; and Farmer Fresh Produce, Masonite, Inc., and SpillTech, Inc. to the south. The surface features consist of vegetative cover comprised of oak trees, scrub trees, grasses, and brush. No structures are present on the OMS-28 study site; however, the AANG facility is located approximately 250 feet east of the site. The nearest residential structure is approximately 250 feet northeast of the site.

Facilities at the Brookley Complex include runways and maintenance areas for aircraft, underground and aboveground fuel storage facilities, associated buildings, roads, housing, and landfills. No human consumption or agricultural wells are located within the boundaries of the Brookley Complex.

The Brookley Complex is designated by the Federal Aviation Administration (FAA) as operating with a Part 139 certification. The property is now owned by the Mobile Airport Authority (MAA) and the University of South Alabama (USA). The Brookley Complex is currently used as an industrial complex and airport by the MAA. The USA uses the facility as a learning center, golf course, and housing area.

2.2 Site Background and History

Trichloroethene (TCE) impacted groundwater was inadvertently identified at the AANG OMS-28 site in August 2005 during a Secondary Investigation Addendum and Underground Storage Tank (UST) Alabama Risk Based Corrective Action (ARBCA) being conducted for a previously completed, and unrelated, UST closure. Subsequent investigations to characterize the soil and groundwater conditions at the OMS-28 site have delineated the horizontal and vertical extent of dissolved TCE. The current groundwater monitoring network consists of nine (9) Type II shallow monitoring wells and three (3) Type III double cased deep monitoring wells. Groundwater flow has been relatively consistent in a north-northeast direction and TCE-impacted groundwater remains confined to the central portion of the site.

This report documents the results and findings of the third of three groundwater monitoring events conducted to gather sufficient data to prepare an ARBCA evaluation of the site. Data collected during this most recent (September 24, 2009) groundwater monitoring event and previous monitoring events at the OMS-28 site are included in the ADEM Natural Attenuation Monitoring Reports (Appendix A). Details concerning the previously completed investigations are included in the previously submitted Comprehensive Site Investigation Report (AEROSTAR April 2007) and Supplemental Comprehensive Investigation Reports (AEROSTAR November 2008).

3.0 ENVIRONMENTAL ACTIVITIES

3.1 Activities This Reporting Period

Activities conducted during the September 24 and November 24, 2009 site visits included the third of three groundwater gauging and sampling events. A completed Natural Attenuation Monitoring Report form is included as **Appendix A**.

3.2 Depth to Water Measurements and Monitoring Well Purging

On September 24, 2009, prior to collecting groundwater samples, static water levels were measured in OMS-28 monitoring wells MW-5, MW-6, MW-8, MW-9, MW-12, and OMS-28-1 through OMS-28-7 using an electronic water level indicator prior to purging and sampling activities. Water levels were measured to the nearest 0.01 foot from the top of each well casing for comparison to previously surveyed well casing heights. Field measurements collected during the September 24, 2009 sampling event were recorded in a field book possessed by a former AEROSTAR employee. Several attempts have been made to reclaim this information with no success. Following consultation with Ms. Melissa Shirley, with the USACE, AEROSTAR returned to the site on November 24, 2009 and collected static water levels in monitoring wells MW-5, MW-6, MW-8, MW-9, MW-12, and OMS-28-1 through OMS-28-7 using an electronic water level indicator.

In order to obtain valid, representative groundwater samples, each well was purged prior to collecting samples using a peristaltic pump per the approved work plan (AEROSTAR March 2008). Dedicated Teflon tubing was used at each well location. The total water column was determined by subtracting the depth to the top of the water column from the total depth of the well. The total purge volume for each well was at least three times the well volume in gallons. Purge water generated during sampling was containerized and stored at an approved onsite location as investigation derived waste (IDW).

Remediation through natural attenuation (RNA) data including pH, temperature, conductivity, turbidity, and

dissolved oxygen (DO) were measured and recorded during purging. Stabilization of these parameters was assumed when successive measurements after each well volume varied by 10% or less. Purging continued until these parameters were stabilized. **Table 1, RNA Field Measurements** contains RNA measurements for past gauging and sampling events conducted in May 2009, December 2008 and July 2008. Field measurements collected during the September 24, 2009 sampling event were recorded in a field book no longer available for review by AEROSTAR.

3.3 Monitoring Well Sampling

On September 24, 2009, groundwater samples were collected from MW-5, MW-6, MW-8, MW-9, MW-12, and OMS-28-1 through OMS-28-7. Following purging stabilization, groundwater samples were collected in accordance with the work plan approved in March 2008. All samples were logged using proper chain-of-custody protocol, then placed on ice in a cooler for delivery to Gulf Coast Analytical Laboratories, Inc., in Baton Rouge, Louisiana for analysis of Target Compound List (TCL) Volatile Organic Compounds (VOCs) by EPA Method 8260. Copies of the groundwater laboratory analytical reports and chains-of-custodies are provided in **Appendix B**.

3.4 Investigation Derived Waste Handling

During the course of the field investigation, IDW purge water was generated and handled in accordance with the Investigation Derived Waste Management Plan (IDWMP). The IDWMP addressed the requirements of the National Contingency Plan (NCP) along with the U.S. Environmental Protection Agency's (EPA) interpretation of these plans. All IDW generated during this groundwater sampling event was stored and secured onsite behind a locked fence in properly labeled, sealed 55-gallon steel drums. Four 55-gallon drums of non-hazardous IDW purge water were removed from the site by US Environmental Services on October 1, 2009 and delivered to Industrial Water Services (IWS) in Mobile, Alabama. The non-hazardous waste manifests are provided in Appendix C.

4.0 FINDINGS

4.1 Groundwater Elevation and Flow Direction

Depth to the groundwater at the site was measured on November 24, 2009, with an electronic groundwater level indicator. The depth to the groundwater from the top of casing (TOC) was recorded and this distance was subtracted from TOC elevations for each well. The calculated groundwater elevation in the shallow wells (MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7) during the gauging event varied from 20.01 feet to 23.75 feet national geodetic vertical datum (NGVD). The calculated groundwater elevation in the deep wells (OMS-28-1, OMS-28-4, and OMS-28-6) during the gauging event varied from 4.26 feet to 4.79 feet NGVD. A review of the water level measurements collected on November 24, 2009 from the shallow wells on site indicates that the groundwater flow direction at the OMS-28 site is estimated to the north northeast. This flow direction is consistent with the flow direction determined during the previous sampling events conducted in May 2009 and December 2008.

Groundwater and elevation data, including historic elevation data are provided in **Table 2**. **Figure 3A, Shallow Potentiometric Surface Map, November 2009** illustrates groundwater flow direction estimated during the November 24, 2009 groundwater sampling event. **Figures 3B, Shallow Potentiometric Surface Map, May 2009** and **3C, Shallow Potentiometric Surface Map, December 2008** illustrate the estimated groundwater flow direction calculated during the most recent groundwater sampling events.

4.2 Groundwater Analytical Results

Laboratory analytical results for the groundwater samples collected on September 24, 2009 with a breakdown of individual VOC concentrations, including the analytical results from the previous three

sampling events of May 8, 2009, December 10 and 11, 2008, and July 1, 2008 are summarized in **Table 3, Groundwater Sample Results.**

Figure 4A, Trichloroethene Groundwater Plume, September 2009 illustrates the distribution of dissolved-phase TCE for the September 24, 2009 sampling event. **Figures 4B, Trichloroethene Groundwater Plume, May 2009** and **4C Trichloroethene Groundwater Plume, December 2008** illustrate the historical distribution of dissolved-phase TCE at the site.

During the previous groundwater sampling events of December 2008 and May 2009, benzene, naphthalene, tetrachloroethene (PCE), and TCE were detected in one or more samples at levels that exceeded ADEM ARBCA Preliminary Screening Values (PSVs). Volatile organic compounds that exceeded an ADEM ARBCA PSV during the September 24, 2009 sampling event are discussed below.

- PCE was detected during the September 24, 2009 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well OMS-28-5 exhibited a PCE concentration of 0.00802 mg/L which is above the ADEM PSV of 0.005 mg/L established for PCE. The PCE concentration in OMS-28-5 has decreased since the May 8, 2009 and December 11, 2008 sampling events.
- TCE was detected during the September 24, 2009 sampling event in three of the twelve groundwater samples collected. The samples collected from monitoring wells MW-8, OMS-28-3 and OMS-28-5 exhibited TCE concentrations of 0.00841 mg/L, 0.01529 mg/L, and 0.011 mg/L, respectively. These concentrations are above the ADEM PSV of 0.005 mg/L established for TCE. The TCE concentrations in MW-8, OMS-28-3, and OMS-28-5 have decreased since the May 8, 2009 and December 11, 2008 sampling events.

4.3 Discussion

Table 3 summarizes the groundwater analytical results while **Figure 2** illustrates the sample locations for the September 24, 2009 sampling event. The groundwater laboratory analytical reports for all groundwater samples collected during this investigation and associated chains-of-custody are provided in **Appendix B.**

Contaminants detected in groundwater samples (including estimated “J” values) collected during this investigation are identified as chloroform, PCE, TCE, and (cis)-1,2-dichloroethene. Contaminants detected in groundwater samples (including estimated “J” values) collected during this investigation that exceeded an ADEM PSV are identified as PCE, and TCE.

Benzene was not detected in the groundwater sample collected from MW-6 on September 24, 2009. Previously, benzene was detected at a concentration of 0.00555 mg/L in the groundwater sample collected from monitoring well MW-6 on May 8, 2009, which exceeded the ADEM drinking water PSV for benzene of 0.005 mg/L, but was below the site specific target level (SSTL) calculated in the ARBCA for 28 Pit #2, dated 1 September 2005 of 0.0311 mg/L.

Naphthalene was not detected in the groundwater sample collected from MW-6 on September 24, 2009. Previously, naphthalene was detected at a concentration of 0.011 mg/L in the groundwater sample collected from monitoring well MW-6 on May 8, 2009, which exceeded the ADEM drinking water PSV for naphthalene of 0.00062 mg/L, but was below the SSTL calculated in the ARBCA for 28 Pit #2, dated 1 September 2005 of 0.124 mg/L. Naphthalene concentrations at OMS-28 will be monitored until updated SSTLs can be calculated in the ARBCA evaluation of the site.

The PCE concentration of 0.00802 mg/L detected in the groundwater sample collected from monitoring well OMS-28-5 exceeded the ADEM drinking water PSVs for PCE of 0.005 mg/L.

The TCE concentrations of 0.00841 mg/L, 0.015 mg/L, and 0.011 mg/L detected in the groundwater samples collected from monitoring wells MW-8, OMS-28-3 and OMS-28-5, respectively, exceeded the ADEM drinking water PSV for TCE of 0.005 mg/L.

No other chemicals of concern exceeded ADEM drinking water PSVs or EPA regional screening levels (EPA RSL) for drinking water in any of the groundwater samples collected during this investigation.

It should be noted that a “J” flag attached to any concentration indicates that the value given is an estimated value determined by the analytical laboratory. Additionally, concentrations detected in the duplicate samples collected during this investigation correlate with the results of the original samples.

Groundwater analytical results of the samples collected on September 24, 2009 show shallow monitoring wells MW-8, OMS-28-3, and OMS-28-5 had at least one concentration of PCE and TCE that exceeded an ADEM drinking water PSV.

A visual representation of the estimated TCE plume as of September 24, 2009 (groundwater with dissolved TCE concentration equal to or greater than 0.005 mg/L) is presented as **Figure 4A**. Visual representations of the estimated TCE plume for the previous sampling events conducted in May 8, 2009 and December 2008 are presented as **Figures 3B** and **3C**, respectively.

A comparison of the May 2009 TCE and September 2009 TCE groundwater results indicates that TCE concentrations in the shallow wells at OMS-28 have decreased. The TCE concentrations in the surficial plume at OMS-28 appear to be decreasing.

Review of the groundwater analytical results reveals that no chemical of concern was detected in any deep well at a concentration that exceeded an ADEM drinking water PSV during the September 2009 sampling event. Contamination in the deeper aquifer does not appear to be a concern at OMS-28.

5.0 SUMMARY

Review of the laboratory results of the groundwater samples collected and analyzed during this investigation reveal that two chemicals of concern, PCE and TCE, were detected in the groundwater at concentrations that exceeded their respective ADEM drinking water PSVs. It should be noted that benzene and naphthalene, previously detected in groundwater sampling events, were not detected in the groundwater samples collected and analyzed during this investigation.

Exceedences of ADEM drinking water PSVs were detected only in the Type II shallow monitoring wells located on site in the southeastern portion of the OMS-28 site. No dissolved chemicals of concern in any deep wells (OMS-28-1, OMS-28-4, and OMS-28-6) at the site exceeded ADEM PSVs.

Non-aqueous phase liquid (NAPL) was not encountered in groundwater samples collected from any OMS-28 monitoring well during the September 24, 2009 gauging and sampling event (or previous gauging and sampling events). A comparison of this sampling event and previous sampling events reveals that dissolved-phase VOC concentrations have generally remained stable or decreased at the site.

6.0 RECOMMENDATIONS

AEROSTAR makes the following recommendations in connection with the Supplemental Comprehensive Investigation:

- Conduct two additional groundwater sampling events (March 2010 and September 2010) to collect information needed to complete an ARBCA assessment of the OMS-28 site;
- Complete an ARBCA assessment of the OMS-28 site to determine further actions.

TABLES

**TABLE 1
RNA FIELD MEASUREMENTS**

OMS 28
Brookley Air Force Base
Mobile, Mobile County
Contract No. W91278-06-D-0066
Task Order 0015

Sample ID	Sample Date	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)
MW-5	07/01/08	4.1	29.2	0.153	2	NM
	12/11/08	5.1	26.4	0.106	53	3.56
	05/08/09	3.7	23.2	0.179	10	2.20
	09/24/09	NA	NA	NA	NA	NA
MW-6	07/01/08	4.6	26.9	0.112	1	NM
	12/11/08	5.4	26.6	0.284	27	4.33
	05/08/09	4.0	23.2	0.180	13	2.20
	09/24/09	NA	NA	NA	NA	NA
MW-8	07/01/08	6.1	26.0	0.477	2	NM
	12/11/08	5.5	27.0	0.437	10	4.93
	05/08/09	5.1	23.0	0.777	9	2.82
	09/24/09	NA	NA	NA	NA	NA
MW-9	07/01/08	5.2	24.7	0.125	4	NM
	12/10/08	5.9	27.1	0.198	61	1.34
	05/08/09	4.3	23.7	0.131	18	2.98
	09/24/09	NA	NA	NA	NA	NA
MW-12	07/01/08	6.1	24.4	0.439	16	NM
	12/10/08	5.8	27.8	0.232	47	1.97
	05/08/09	5.3	21.9	0.528	1	2.75
	09/24/09	NA	NA	NA	NA	NA
OMS-28-1	07/08/08	6.6	22.1	0.110	108	NM
	12/11/08	5.8	27.2	0.211	54	2.12
	05/08/09	6.3	24.0	0.121	10	2.41
	09/24/09	NA	NA	NA	NA	NA
OMS-28-2	07/01/08	5.2	24.4	0.123	5	NM
	12/10/08	5.2	27.8	0.118	36	0.98
	05/08/09	5.1	20.9	0.139	70	2.79
	09/24/09	NA	NA	NA	NA	NA
OMS-28-3	07/08/08	6.0	23.4	0.311	4	NM
	12/11/08	5.1	25.8	0.241	77	0.54
	05/08/09	4.9	21.6	0.308	21	2.92
OMS-28-4	07/08/08	6.1	22.0	0.130	84	NM
	12/10/08	5.4	25.3	0.222	37	2.74
	05/08/09	4.8	22.5	0.101	79	2.43
	09/24/09	NA	NA	NA	NA	NA
OMS-28-5	07/01/08	5.0	22.0	0.880	4	NM
	12/11/08	5.5	27.0	0.386	11	2.30
	05/08/09	4.2	21.2	0.697	65	2.88
	09/24/09	NA	NA	NA	NA	NA
OMS-28-6	07/08/08	5.9	21.4	0.130	89	NM
	12/10/08	6.0	27.6	0.214	36	1.88
	05/08/09	5.1	22.5	0.127	69	2.59
	09/24/09	NA	NA	NA	NA	NA
OMS-28-7	07/01/08	5.3	24.6	0.214	13	NM
	12/10/08	5.4	27.7	0.099	29	2.63
	05/08/09	5.1	23.3	0.225	17	2.52
	09/24/09	NA	NA	NA	NA	NA

Notes:

- Measurements represent final stabilized readings representative of formation waters
- RNA = remediation through natural attenuation
- pH = potential hydrogen
- C = degrees Celsius
- uS/cm = micro Siemens per centimeter
- ntu = nephelometric turbidity units
- DO = dissolved oxygen
- mg/l = milligrams per liter
- NM = not measured
- NA = not available

TABLE 2
Liquid Level Summary

OMS 28
Brookley Air Force Base
Mobile, Mobile County
Contract No. W91278-06-D-0066
Task Order 0015

Well ID	Depth of Well (ft-BTOC)	Screened Interval (ft-BTOC)	Top of Casing Elevation (ft-AMSL)	Date	Depth to Product (ft-BTOC)	Depth to Water (ft-BTOC)	Groundwater Elevation (ft-AMSL)
MW-5	12.6	3.3-13.3	28.14	10/13/05	NA	5.10	23.04
				04/18/06	NA	6.60	21.54
				10/18/06	NA	6.60	21.54
				11/22/06	NA	6.31	21.83
				07/01/08	NA	6.47	21.67
				07/08/08	--	--	--
				08/25/08	NA	3.35	24.79
				12/10/08	NA	6.15	21.99
				05/08/09	NA	5.83	22.31
11/24/09	NA	4.40	23.74				
MW-6	12.7	2.3-12.3	28.15	10/13/05	NA	5.22	22.93
				04/18/06	NA	6.76	21.39
				10/18/06	NA	6.70	21.45
				11/22/06	NA	6.33	21.82
				07/01/08	NA	5.84	22.31
				07/08/08	--	--	--
				08/25/08	Inaccessible		
				12/10/08	NA	6.19	21.96
				05/08/09	NA	5.77	22.38
11/24/09	NA	4.4	23.75				
MW-8	15.2	4.8-14.8	28.24	10/13/05	NA	5.84	22.40
				04/18/06	NA	7.20	21.04
				10/18/06	NA	6.80	21.44
				11/22/06	NA	6.58	21.66
				07/01/08	NA	6.20	22.04
				07/08/08	--	--	--
				08/25/08	NA	3.35	24.89
				12/10/08	NA	6.67	21.57
				05/08/09	NA	6.52	21.72
11/24/09	NA	5.05	23.19				
MW-9	17.4	7.4-17.4	27.45	11/22/06	NA	6.86	20.59
				07/01/08	NA	7.40	20.05
				07/08/08	--	--	--
				08/25/08	NA	3.41	24.04
				12/10/08	NA	7.81	19.64
				05/08/09	NA	7.46	19.99
11/24/09	NA	4.96	22.49				
MW-12	15.6	5.6-15.6	25.94	11/22/06	NA	5.90	20.04
				07/01/08	NA	6.20	19.74
				07/08/08	--	--	--
				08/25/08	NA	3.88	22.06
				12/10/08	NA	6.52	19.42
05/08/09	NA	6.25	19.69				
11/24/09	NA	5.30	20.64				

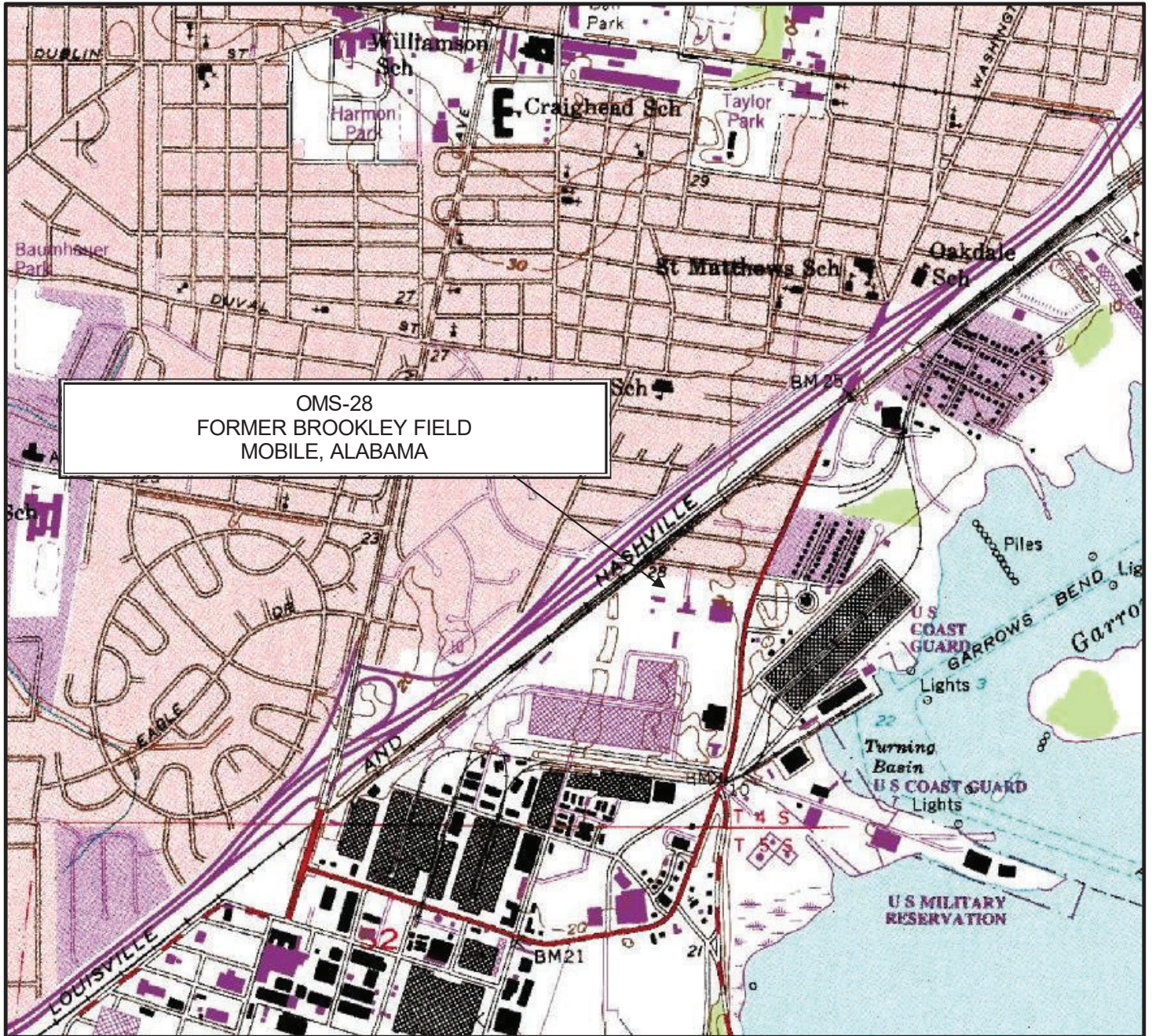
TABLE 2
Liquid Level Summary

OMS 28
Brookley Air Force Base
Mobile, Mobile County
Contract No. W91278-06-D-0066
Task Order 0015

Well ID	Depth of Well (ft-BTOC)	Screened Interval (ft-BTOC)	Top of Casing Elevation (ft-AMSL)	Date	Depth to Product (ft-BTOC)	Depth to Water (ft-BTOC)	Groundwater Elevation (ft-AMSL)
OMS-28-1	80.0	70-80	26.26	07/01/08	NA	22.86	3.40
				07/08/08	NA	22.90	3.36
				08/25/08	NA	22.45	3.81
				12/10/08	NA	23.29	2.97
				05/08/09	NA	22.10	4.16
				11/24/09	NA	22.00	4.26
OMS-28-2	20.0	10-20	30.88	07/01/08	NA	12.91	17.97
				07/08/08	--	--	--
				08/25/08	NA	8.31	22.57
				12/10/08	NA	13.55	17.33
				05/08/09	NA	12.56	18.32
				11/24/09	NA	10.87	20.01
OMS-28-3	20.0	10-20	30.70	07/01/08	NA	9.05	21.65
				07/08/08	--	--	--
				08/25/08	NA	7.78	22.92
				12/10/08	NA	9.60	21.10
				85/8/2009	NA	9.32	21.38
				11/24/09	NA	8.43	22.27
OMS-28-4	76.0	66-76	27.99	07/01/08	--	--	--
				07/08/08	NA	26.85	1.14
				08/25/08	NA	28.89	-0.90
				12/10/08	NA	27.19	0.80
				05/08/09	NA	26.02	4.68
				11/24/09	NA	25.91	4.79
OMS-28-5	20.0	10-20	30.12	07/01/08	NA	11.90	18.22
				07/08/08	--	--	--
				08/25/08	NA	8.79	21.33
				12/10/08	NA	12.44	17.68
				05/08/09	NA	11.60	18.52
				11/24/09	NA	9.62	20.50
OMS-28-6	76.0	66-76	30.31	07/01/08	--	--	--
				07/08/08	NA	26.70	3.61
				08/25/08	NA	25.51	4.80
				12/10/08	NA	27.07	3.24
				05/08/09	NA	26.08	4.23
				11/24/09	NA	25.67	4.64
OMS-28-7	20.0	10-20	27.56	07/01/08	NA	9.21	18.35
				07/08/08	--	--	--
				08/25/08	NA	5.82	21.74
				12/10/08	NA	9.89	17.67
				05/08/09	NA	9.18	18.38
				11/24/09	NA	6.90	20.66

Notes: All measurements in feet
TOC = top of casing
ft-BTOC = feet below top of casing
ft-AMSL = feet above mean sea level

FIGURES



OMS-28
 FORMER BROOKLEY FIELD
 MOBILE, ALABAMA

MOBILE, ALABAMA
 QUADRANGLE

7.5 MINUTE SERIES
 (TOPOGRAPHIC)

CONTOUR INTERVAL 10 FEET

DATED 1982

FIGURE 1-SITE LOCATION MAP



OMS-28
 FORMER BROOKLEY FIELD
 MOBILE, ALABAMA

DRAWN BY: WPD

REFERENCE: 1982
 TOPOGRAPHIC MAP OF MOBILE,
 ALABAMA
 PROVIDED BY: USGS

LEGEND

- FENCE
- ⊕ MONITORING WELL LOCATION
- R RESIDENCE

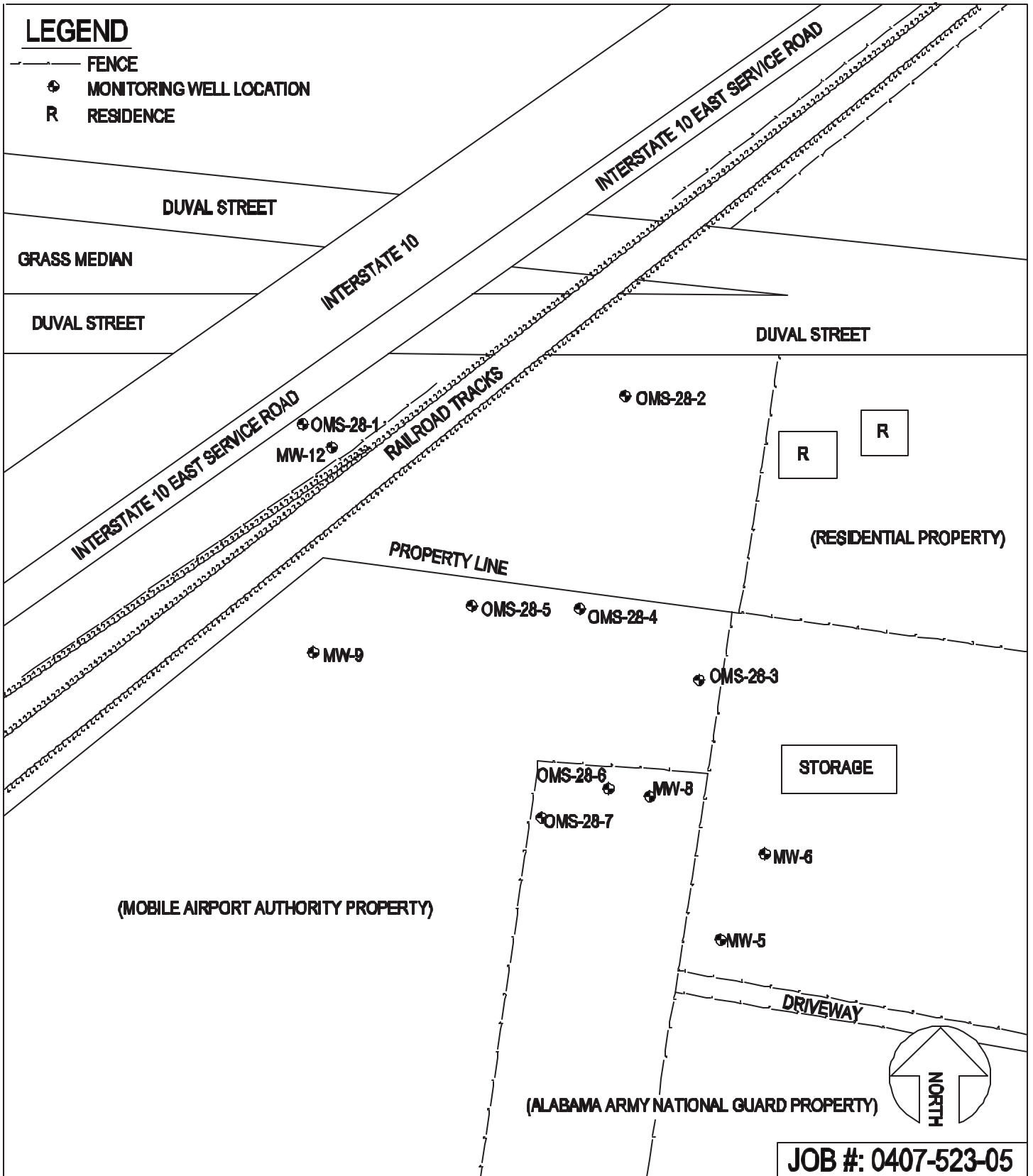


FIGURE 2 - PROJECT SITE MAP



OMS - 28
 FORMER BROOKLEY FIELD
 MOBILE, ALABAMA

SCALE: NOT TO SCALE
 DATE: AUGUST 2008
 DRAWN BY: DAVIS

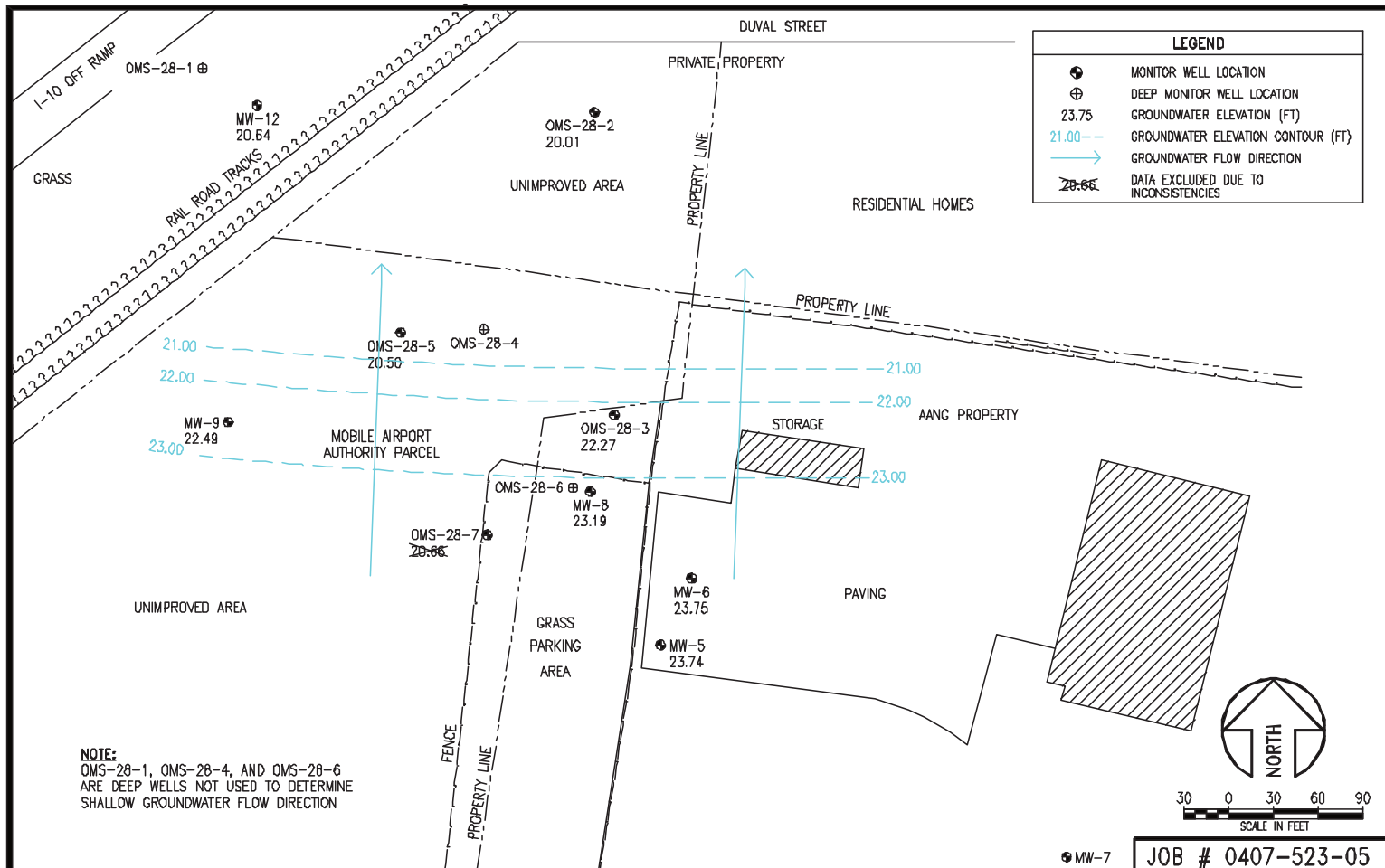


FIGURE 3A - SHALLOW POTENTIOMETRIC SURFACE MAP, NOVEMBER 2009



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: NOVEMBER 2009
DRAWN BY: ROGERS

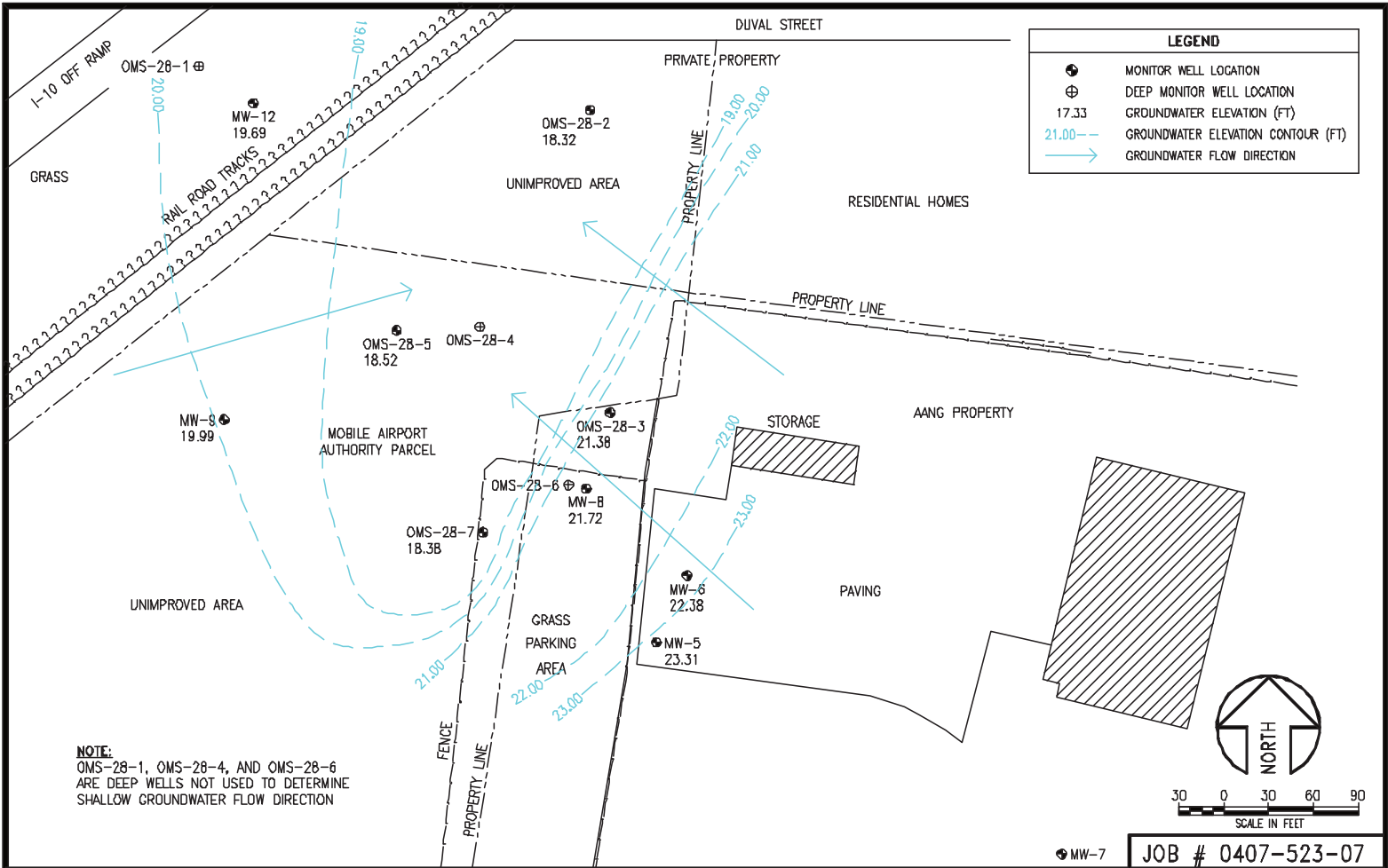


FIGURE 3B - SHALLOW POTENTIOMETRIC SURFACE MAP, MAY 2009



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: JANUARY 2009

DRAWN BY: ESCHETE

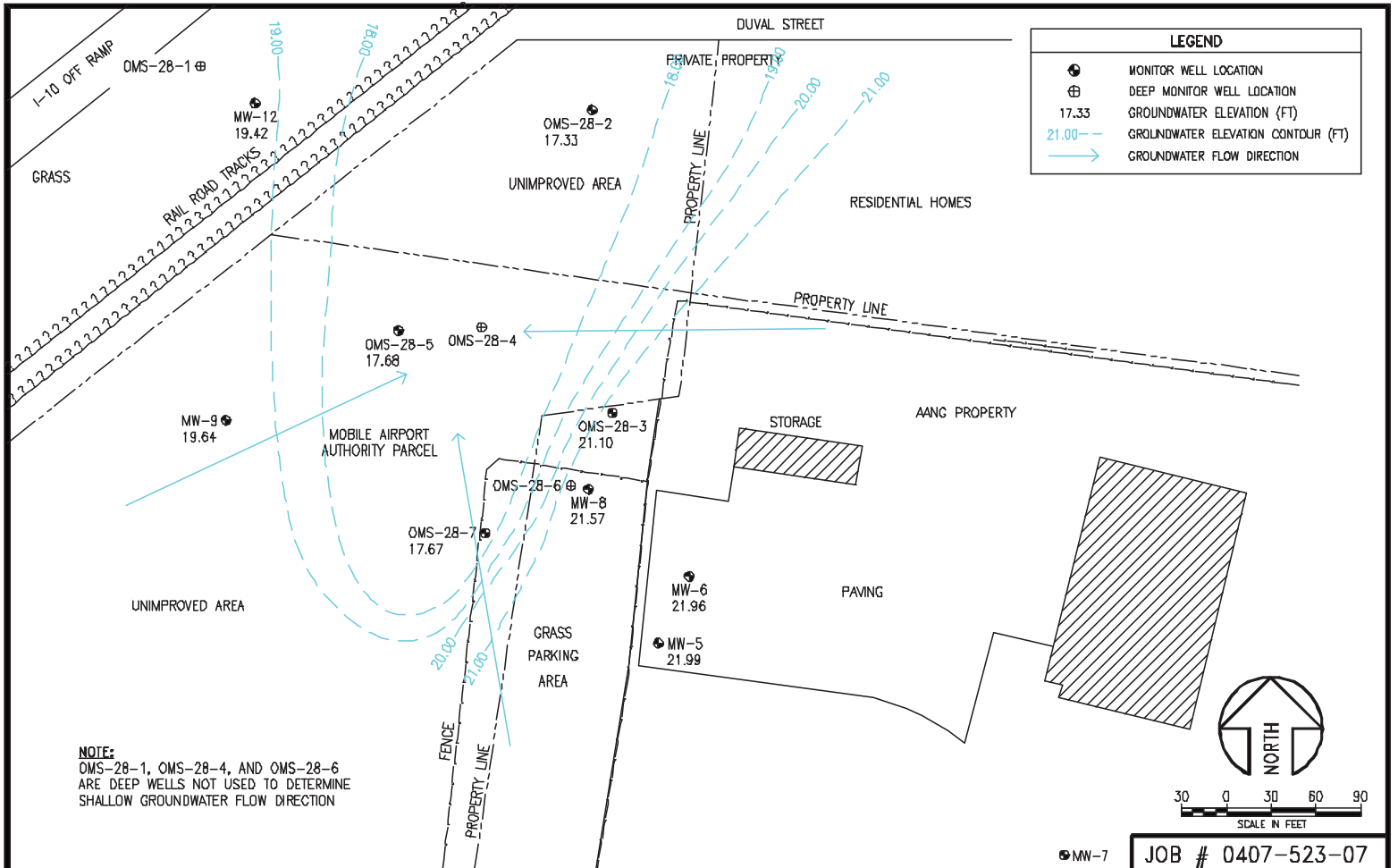


FIGURE 3C - SHALLOW POTENTIOMETRIC SURFACE MAP, DECEMBER 2008



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: JANUARY 2009
DRAWN BY: ESCHETE

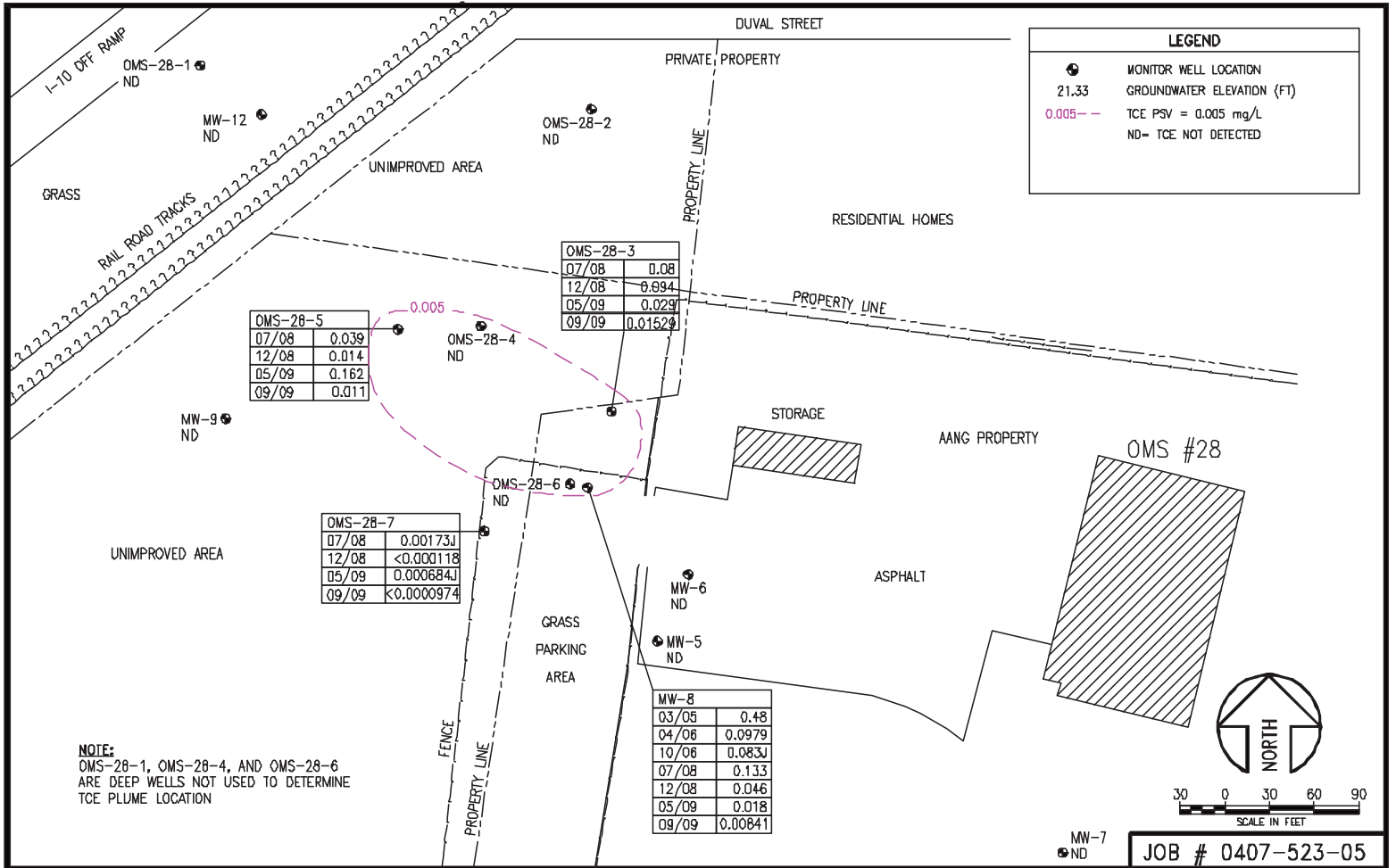


FIGURE 4A - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, SEPTEMBER 2009



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: NOVEMBER 2009
DRAWN BY: MILLS

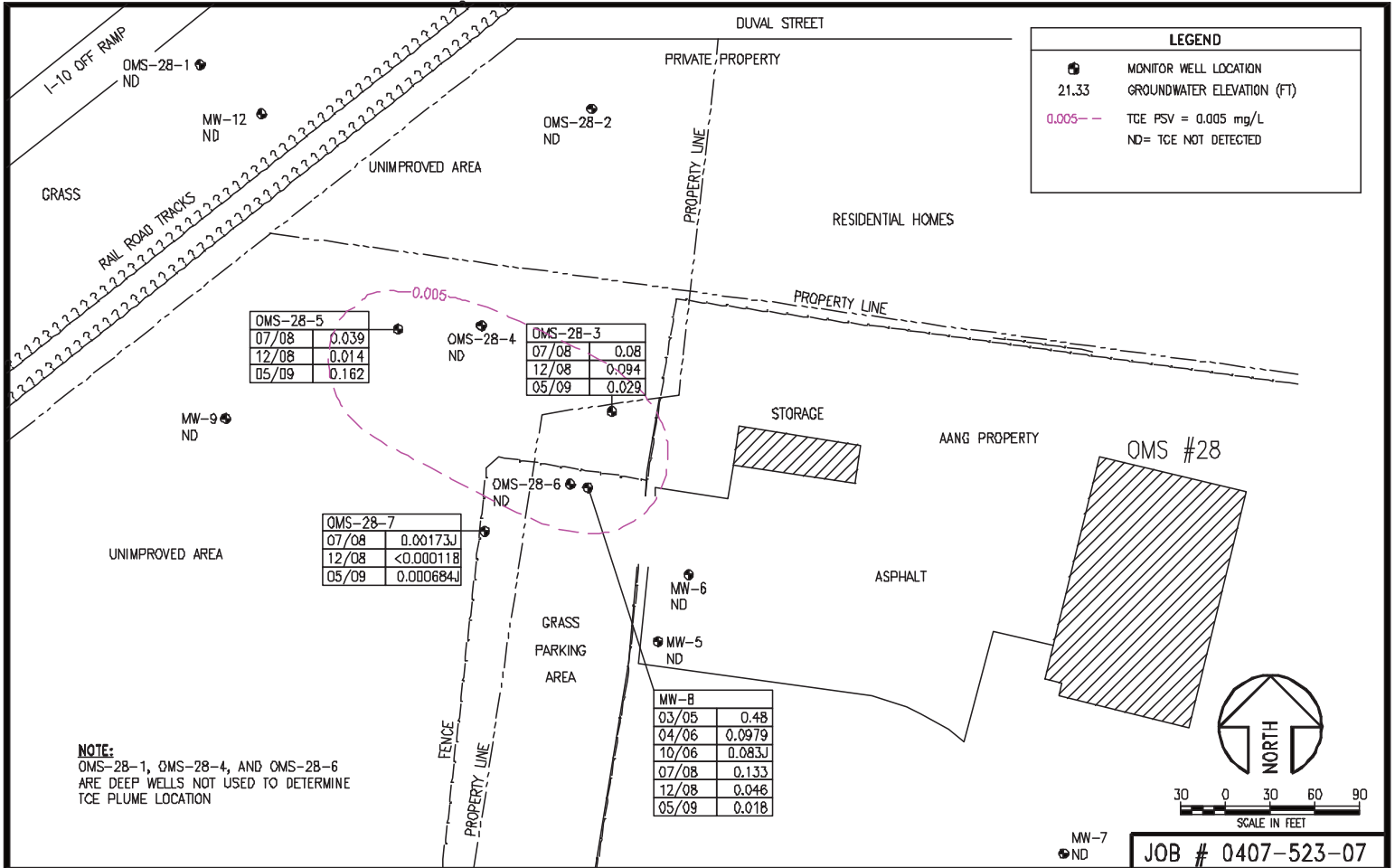


FIGURE 4B – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MAY 2009



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: JANUARY 2009
DRAWN BY: ESCHETE

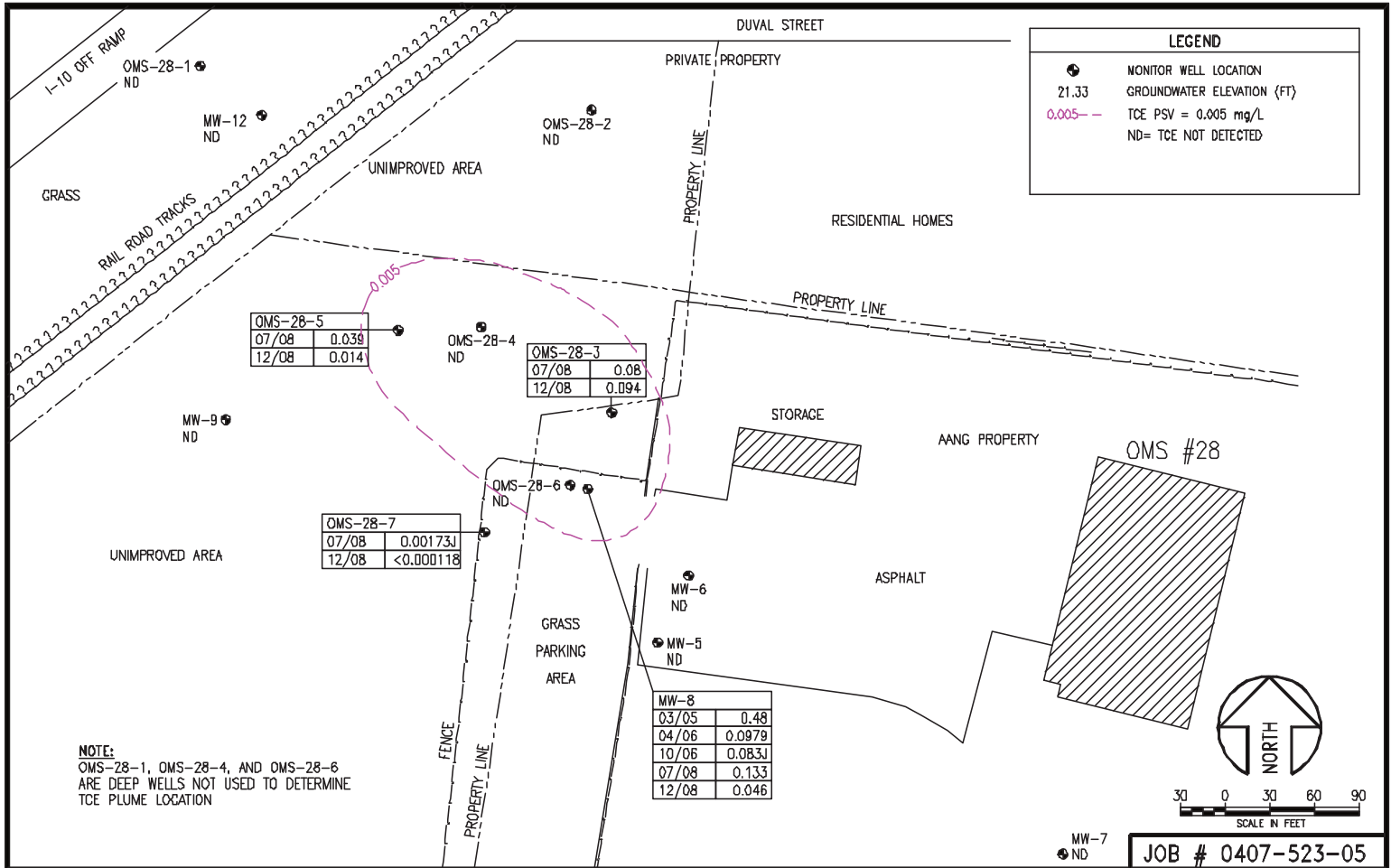


FIGURE 4C - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, DECEMBER 2008



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: JANUARY 2009
DRAWN BY: ESCHETE

APPENDIX A

Natural Attenuation Monitoring Report Form

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2009
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	6/30/09 - 12/31/09
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

Section 1 - Site Summary

Purpose of Monitoring:

Site Status:

Plume Characterization

Confirmation Monitoring

Remediation by Natural Attenuation
(Approved Corrective Action Plan)

Assessment Complete

ARBCA Evaluation Conducted

Active UST's

Site Classification

Free Product ever present

Number of Groundwater Monitoring Wells:

Number of Water Supply Wells:

Piezometers

9 Type II

3 Type III

Other

0 Public (within 1 mile radius of site)

0 Private (within 1000 foot radius of site)

Other (Explain) _____

Status of Waste Water Disposal:

<input type="checkbox"/> Quantity (gallons)	<input type="checkbox"/> Disposal Method
<input type="checkbox"/> Stored On-site	<input type="checkbox"/> Disposal Documentation

Comments:

ATTACH A BRIEF SUMMARY OF THE ARBCA EVALUATION INCLUDING THE SSTL'S DEVELOPED FOR THE SITE AND THE LOCATION OF THE POINT OF COMPLIANCE.

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2009
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	6/30/09 - 12/31/09
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

Section 2 - Site Maps

Attach site map(s) illustrating all well locations, location of former and/or current UST system(s), utilities, adjacent properties, receptors, current and most likely future land use of site and adjacent properties, Point of Compliance, buildings and other pertinent features. All maps should contain a north arrow and should be to scale.

Section 3 - Well Inventory Tables

Monitoring Wells					
Well ID	Date Installed	Diameter (inches)	Screened Interval (feet bgs)		Depth to Water (feet bgs)
MW-5	1994	2.0	3.3	13.3	4.40
MW-6	1994	2.0	2.3	12.3	4.40
MW-8	1994	2.0	4.8	14.8	5.05
MW-9	2006	2.0	7.4	17.4	4.96
MW-12	2006	2.0	5.6	15.6	5.30
OMS-28-1	2008	2.0	70.0	80.0	22.00
OMS-28-2	2008	2.0	10.0	20.0	10.87
OMS-28-3	2008	2.0	10.0	20.0	8.43
OMS-28-4	2008	2.0	66.0	76.0	25.91
OMS-28-5	2008	2.0	10.0	20.0	9.62
OMS-28-6	2008	2.0	66.0	76.0	25.67
OMS-28-7	2008	2.0	10.0	20.0	6.90

Water Supply Wells						
Well ID	Date Installed	Diameter (inches)	Screened Interval (feet bgs)		Depth to Water (feet bgs)	Well Use

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 4 - History of Sampling													
Date	Sampling Parameters										Sampled By		
Sampled	VOCs	BTEX	MTBE	PAH	Metals	D.O.	Nitrate	Fe ⁺²	Sulfate	Methane	Name	Company	Title
07/01/08	X										Prent Davis	Aerostar	Geologist
07/08/08	X										Prent Davis	Aerostar	Geologist
12/10/08	X										Marshall Eschete	Aerostar	Geologist
12/11/08	X										Marshall Eschete	Aerostar	Geologist
05/08/09	X										Adam Davis	Aerostar	Technician
09/24/09	X										Curtis Mills	Aerostar	Geologist

INDICATE SAMPLING PARAMETERS COLLECTED/MEASURED DURING EACH MONITORING EVENT. CHECK APPROPRIATE BOXES INDICATING SAMPLING PARAMETERS.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 5 - Sampling Methodology													
Date	Analytical Methods										Sampled By		
Sampled	VOCs	BTEX	MTBE	PAH	Metals	D.O.	Nitrate	Fe ⁺²	Sulfate	Methane	Name	Company	Title
07/01/08	8260										Prent Davis	Aerostar	Geologist
07/08/08	8260										Prent Davis	Aerostar	Geologist
12/10/08	8260										Marshall Eschete	Aerostar	Geologist
12/11/08	8260										Marshall Eschete	Aerostar	Geologist
05/08/09	8260										Adam Davis	Aerostar	Technician
09/24/09	8260										Curtis Mills	Aerostar	Geologist

ATTACH CHAIN OF CUSTODY'S AND ORIGINAL LABORATORY SHEETS FOR THIS MONITORING EVENT. ENTER EPA METHOD NUMBER FOR LABORATORY METHODS. PROVIDE DETAILED SAMPLING METHODOLOGY FOR ALL FIELD ANALYTICAL METHODS. ATTACH ADDITIONAL PAGES AS NECESSARY TO DESCRIBE FIELD METHODS.

NATURAL ATTENUATION MONITORING REPORT

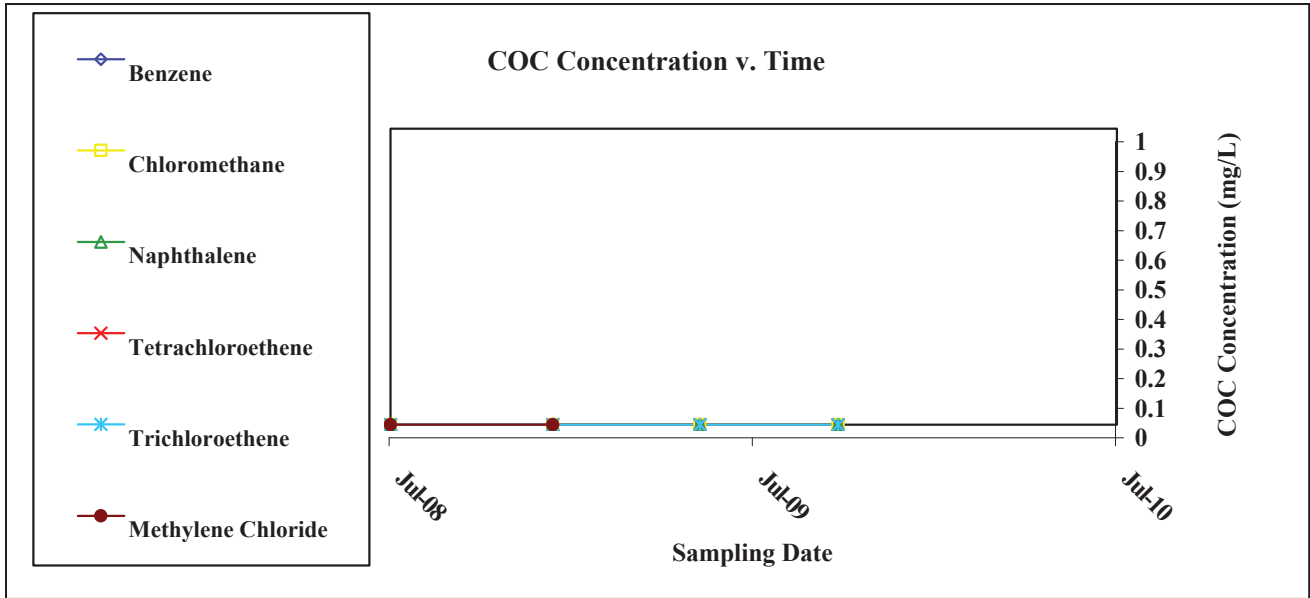
Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)

Well ID MW-5						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.00464J	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID MW-5



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

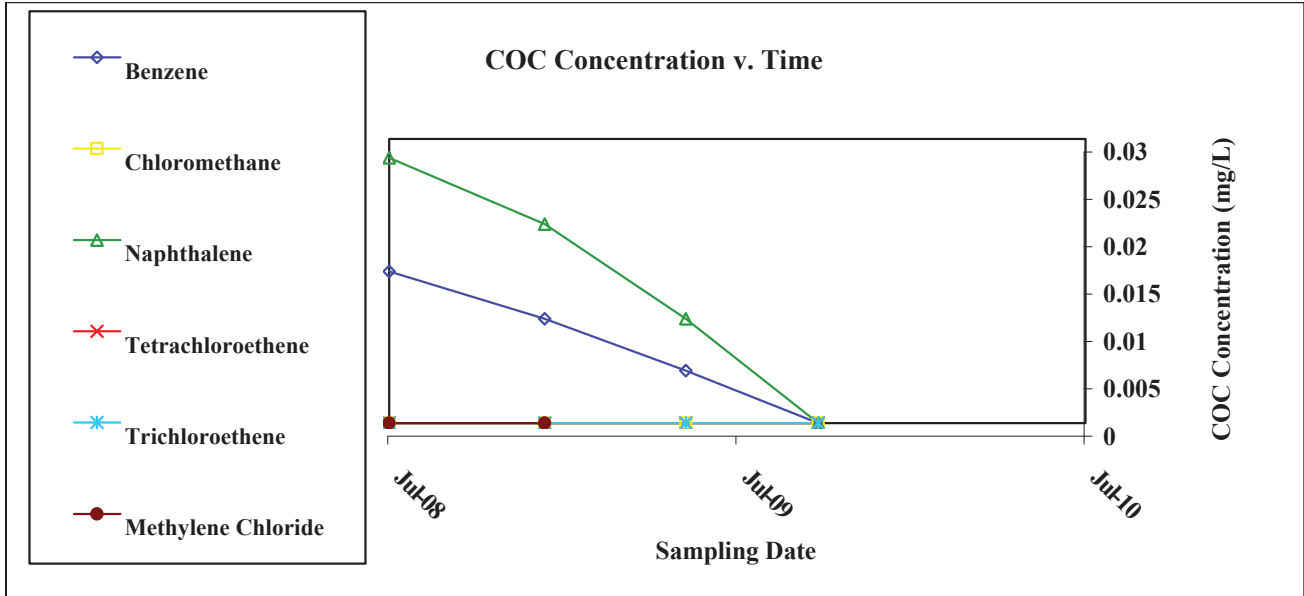
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID MW-6						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.016	0.000249U	0.028	0.000200U	0.000164U	0.0000765U
12/11/08	0.011	0.000101U	0.021	0.000153U	0.000118U	0.0000959U
05/08/09	0.00555	0.000116U	0.011	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID MW-6



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

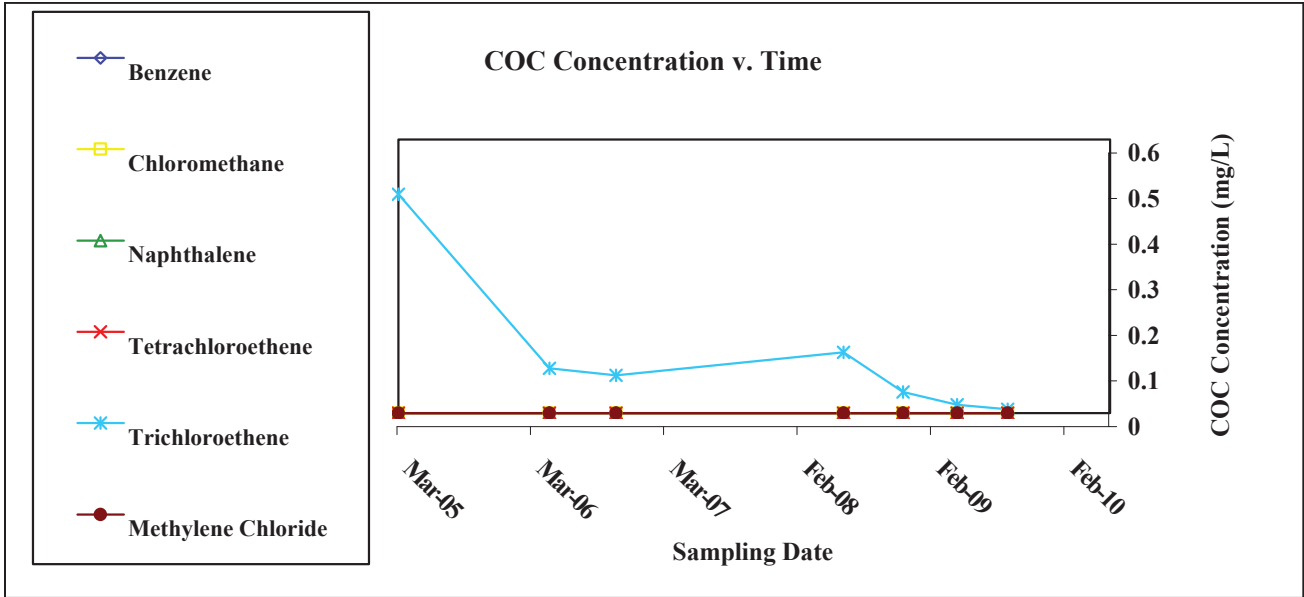
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)

Well ID MW-8						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
03/01/05	NA	NA	NA	NA	0.48	NA
04/18/06	0.000225U	NA	0.000304U	NA	0.0979	NA
10/18/06	0.000225U	NA	0.000304U	NA	0.083	NA
07/01/08	0.0000624U	0.00210J	0.000245U	0.000200U	0.133	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.046	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.018	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.00841	0.000142U
Well ID MW-8						



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

NATURAL ATTENUATION MONITORING REPORT

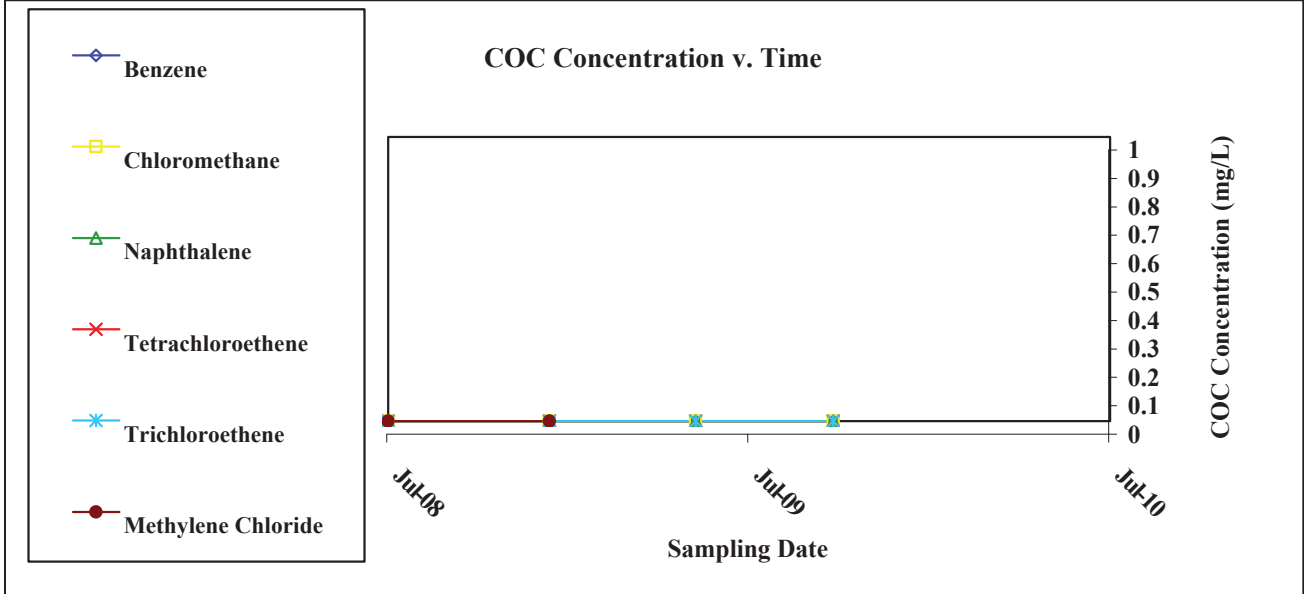
Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)

Well ID MW-9						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID MW-9



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

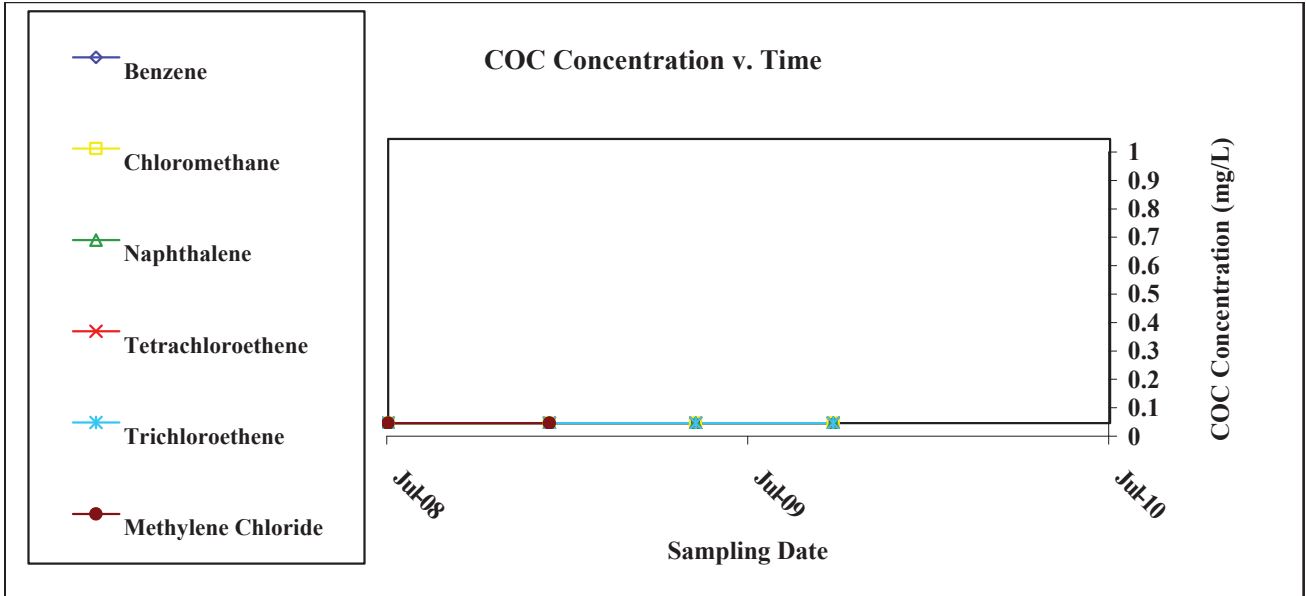
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID MW-12						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID MW-12



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

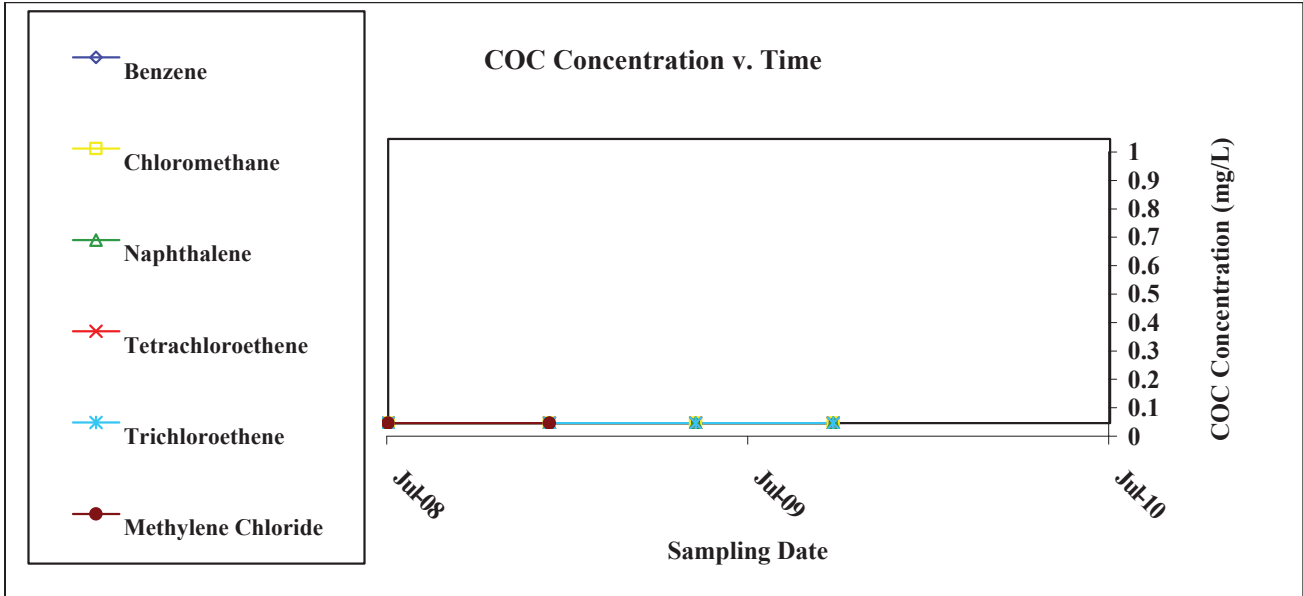
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-1						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.00151J	0.000245U	0.000200U	0.000164U	0.00905J
12/11/08	0.0000649U	0.000101U	0.00451J	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID OMS-28-1



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

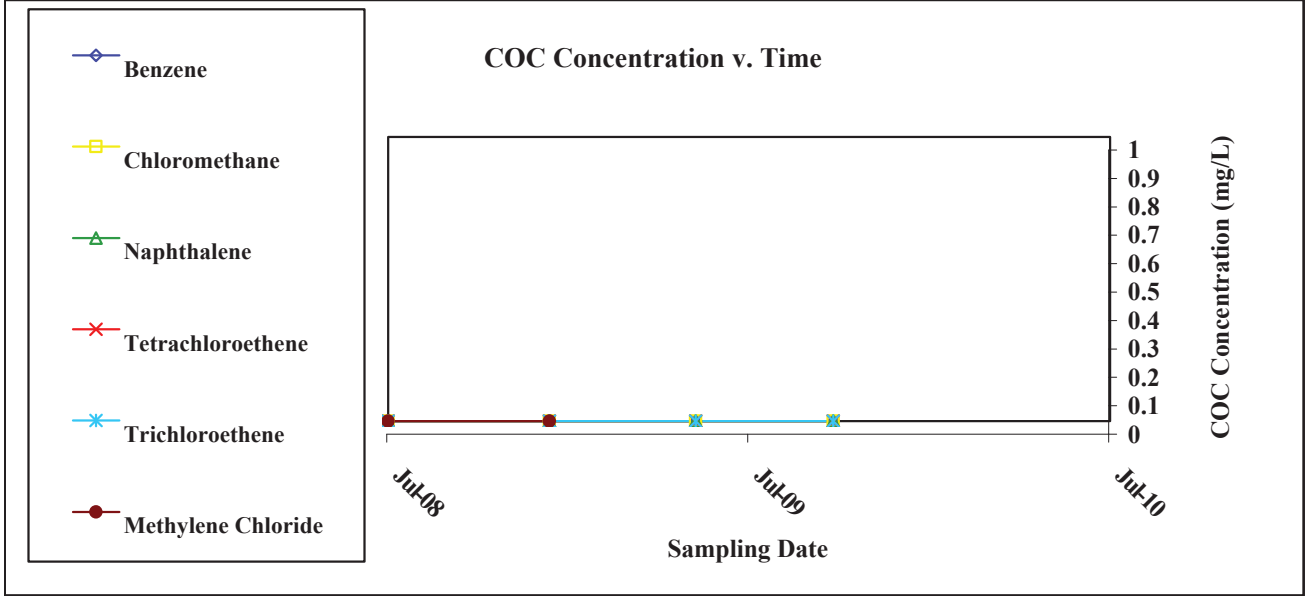
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-2						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.00111J	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID OMS-28-2



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

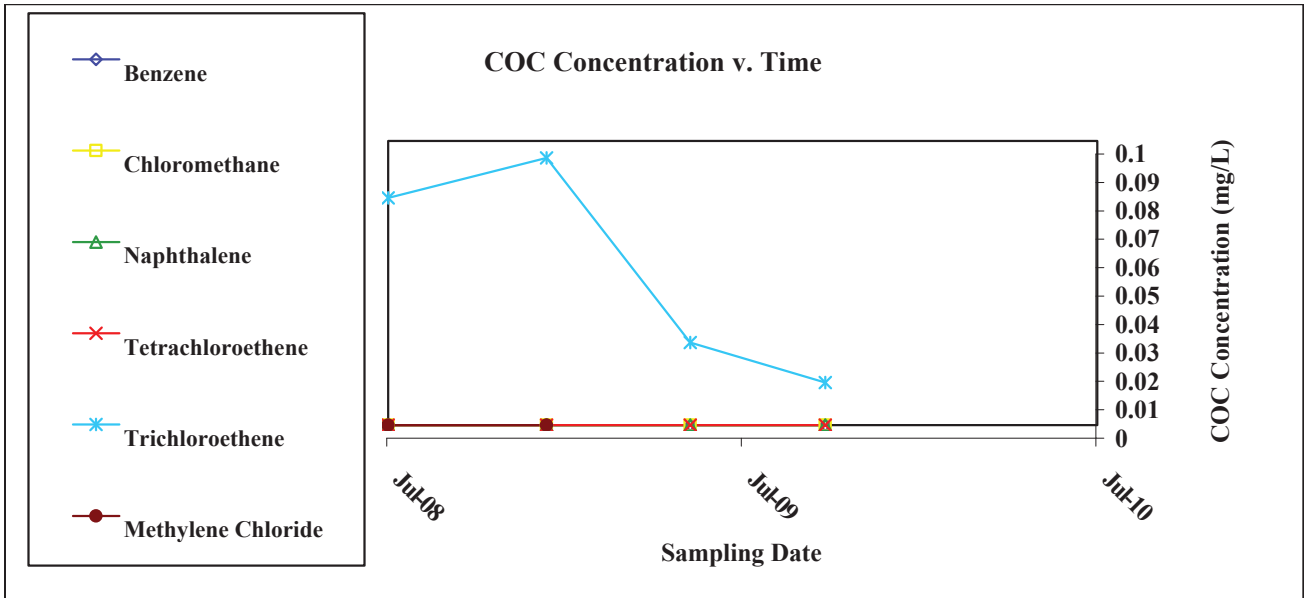
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-3						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000835J	0.000245U	0.000200U	0.08	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.094	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.029	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.015	0.000142U

Well ID OMS-28-3



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

NATURAL ATTENUATION MONITORING REPORT

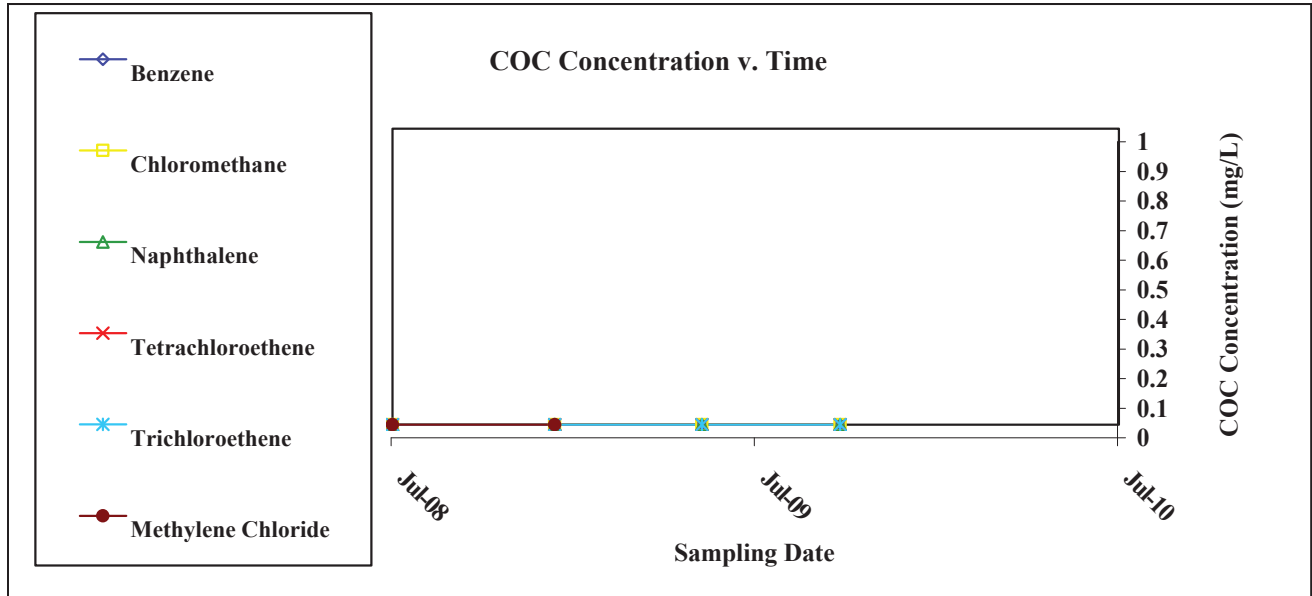
Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)

Well ID OMS-28-4						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID OMS-28-4



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

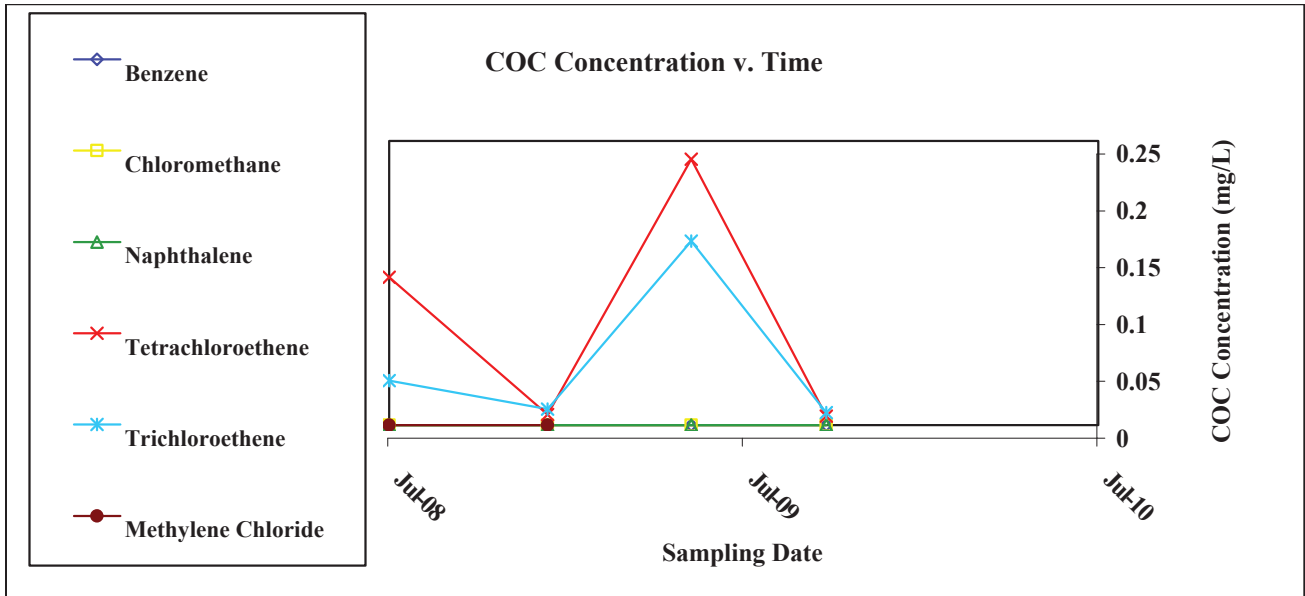
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-5						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.13	0.039	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.0092	0.014	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000245U	0.234	0.162	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.00802	0.011	0.000142U

Well ID OMS-28-5



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

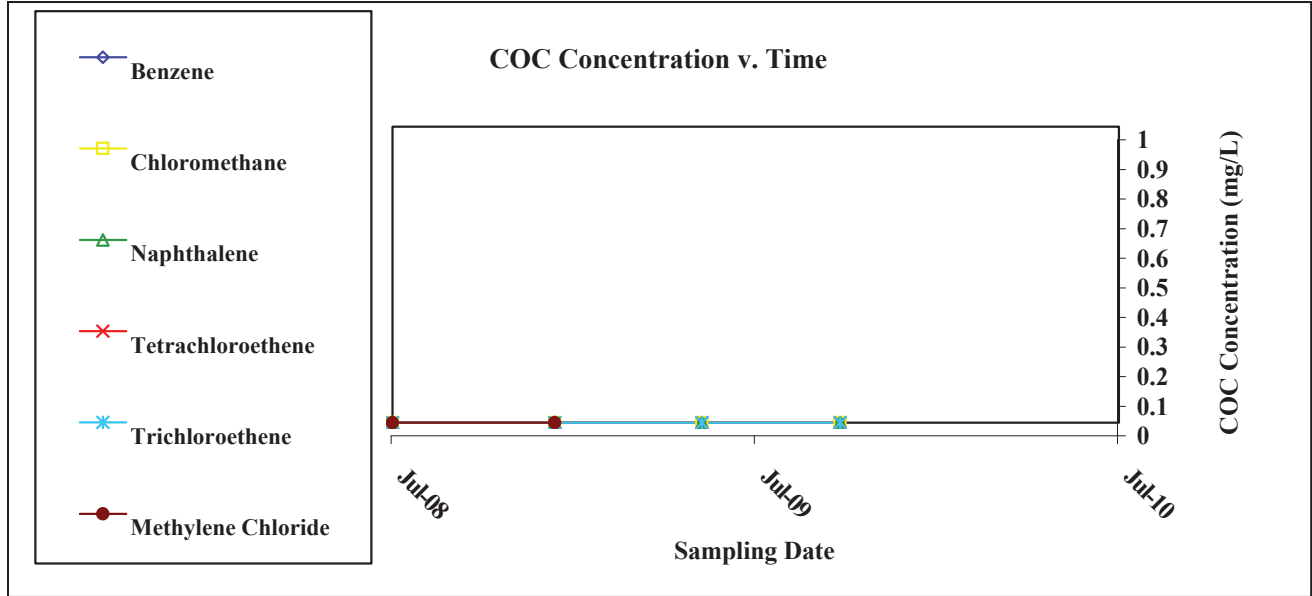
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-6						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.0000974U	0.000142U

Well ID OMS-28-6



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

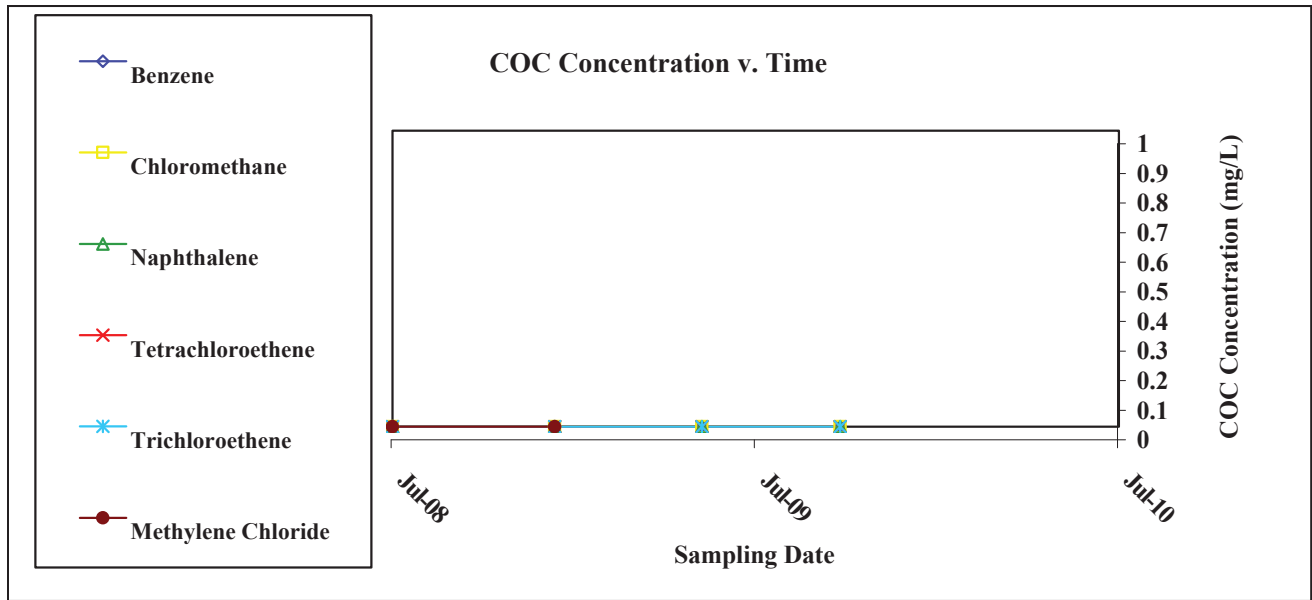
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 6 - Historical Monitoring Well Chemicals of Concern Data (mg/L)						
Well ID OMS-28-7						
Historical Chemicals of Concern Data						
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.00173J	0.000765U
12/11/08	0.0000649U	0.000101U	0.00428J	0.000153U	0.000118U	0.000959U
05/08/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.000684J	0.000142U
09/24/09	0.0000747U	0.000116U	0.000101U	0.0000998U	0.000974U	0.000142U

Well ID OMS-28-7



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL GROUNDWATER COC DATA.

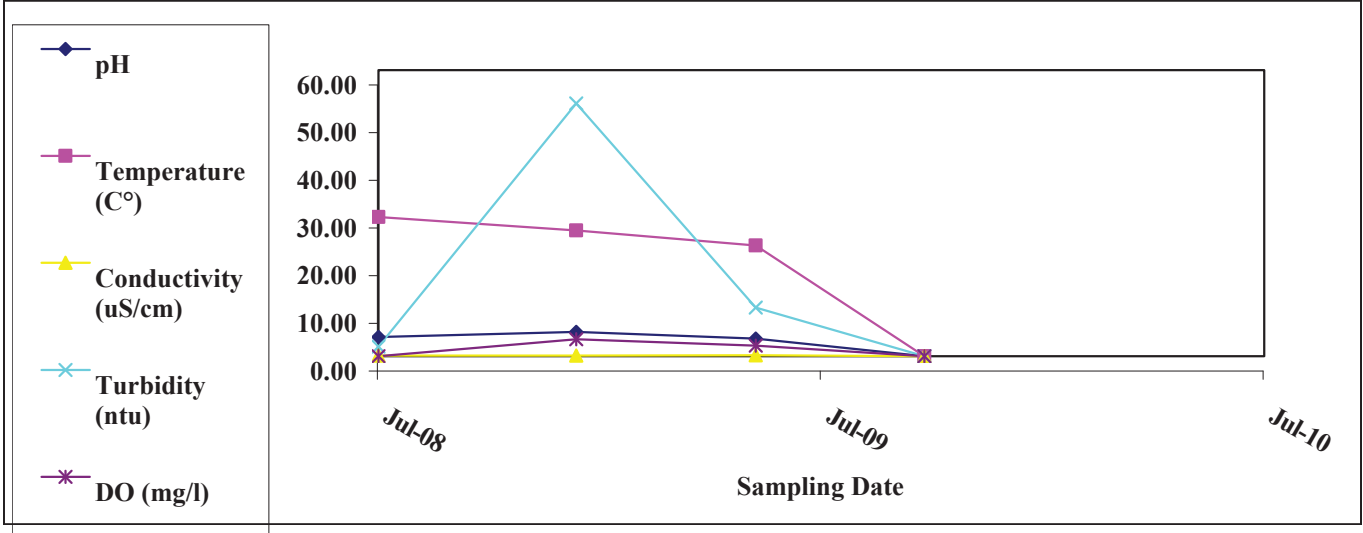
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
Facility I. D. No.: NA
Incident No.: GW 07-01-02
Consulting Firm: Aerostar, Inc.

Year: 2009
Quarter: 2nd biannual
Reporting Period: 6/30/09 - 12/31/09
Project Manager: Geoff Reichold, P.G.

Section 7 - Historical Monitoring Well Intrinsic Groundwater Data										
Well ID MW-5										
Historical Intrinsic Groundwater Data										
DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	4.1	29.2	0.153	2	NM					
12/11/08	5.1	26.4	0.106	53	3.56					
05/08/09	3.7	23.2	0.179	10	2.20					
09/24/09	NA	NA	NA	NA	NA					

Well ID MW-5



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

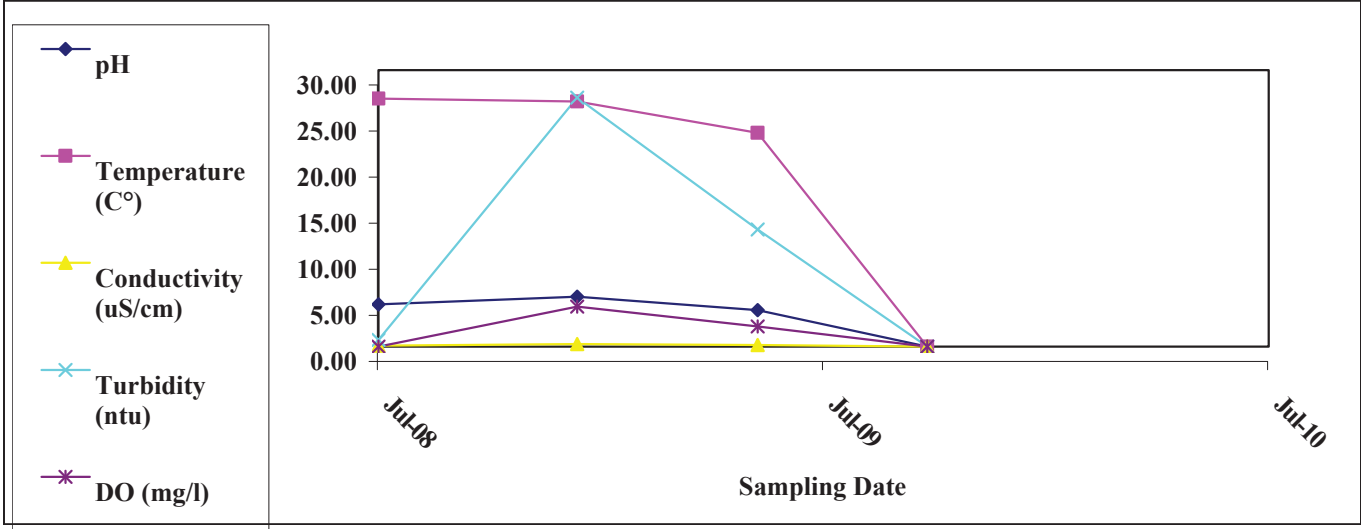
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 7 - Historical Monitoring Well Intrinsic Groundwater Data										
Well ID MW-6										
Historical Intrinsic Groundwater Data										
DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	4.6	26.9	0.112	1	NM					
12/11/08	5.4	26.6	0.284	27	4.33					
05/08/09	4.0	23.2	0.180	13	2.20					
09/24/09	NA	NA	NA	NA	NA					

Well ID MW-6



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

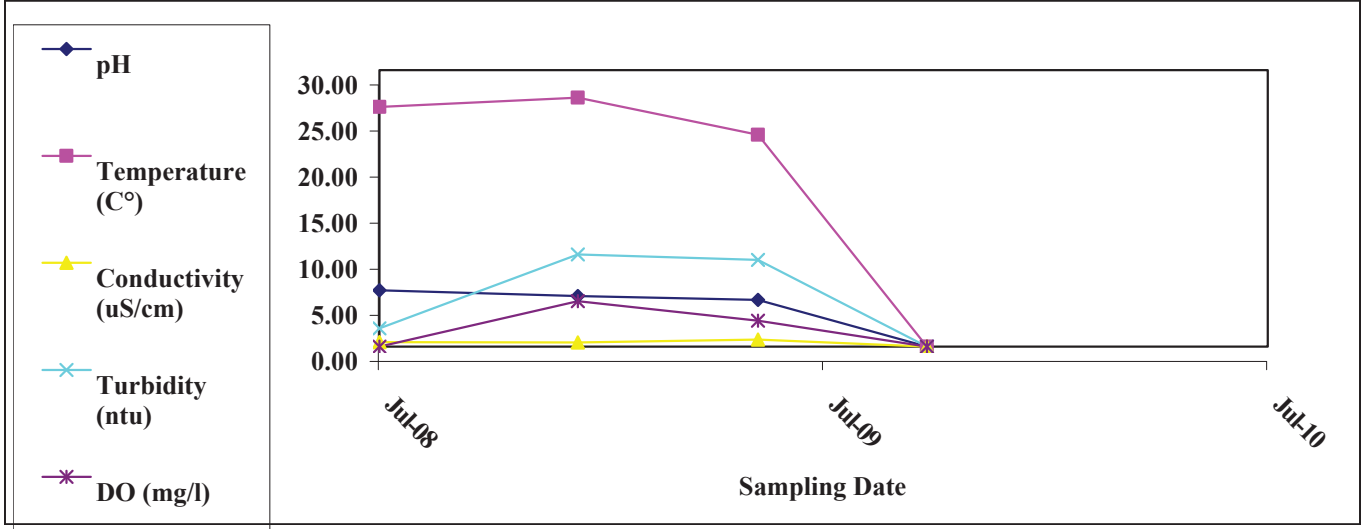
NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 7 - Historical Monitoring Well Intrinsic Groundwater Data										
Well ID MW-8										
Historical Intrinsic Groundwater Data										
DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	6.1	26.0	0.477	2	NM					
12/11/08	5.5	27.0	0.437	10	4.93					
05/08/09	5.1	23.0	0.777	9	2.82					
09/24/09	NA	NA	NA	NA	NA					

Well ID MW-8



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

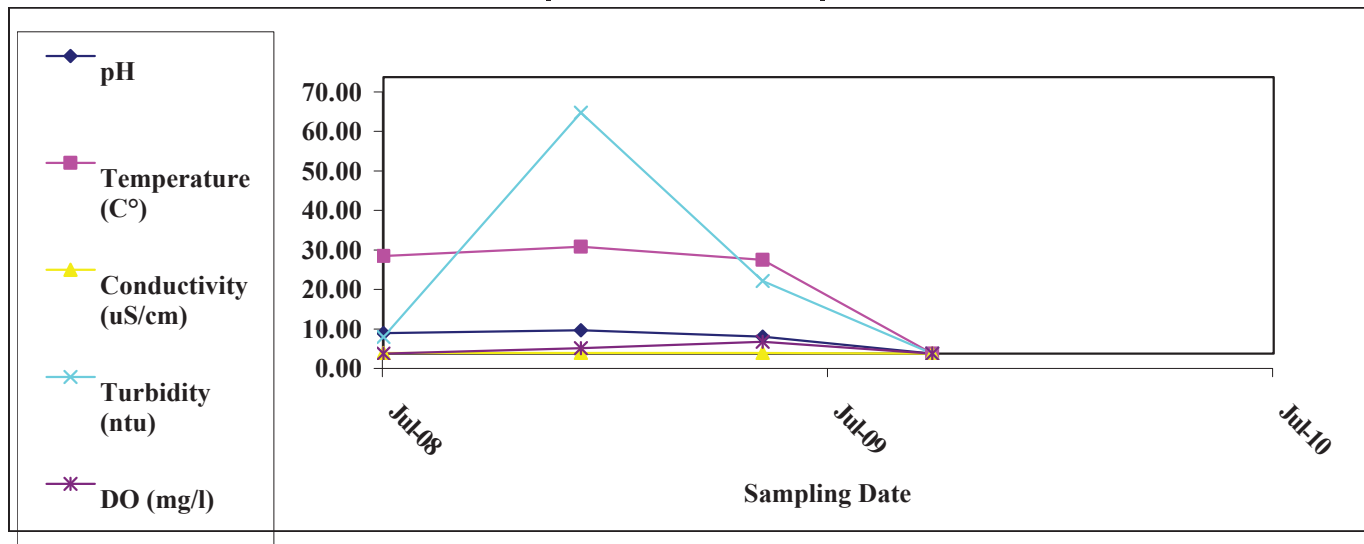
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-9

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)				
07/01/08	5.2	24.7	0.125	4	NM				
12/10/08	5.9	27.1	0.198	61	1.34				
05/08/09	4.3	23.7	0.131	18	2.98				
09/24/09	NA	NA	NA	NA	NA				

Well ID MW-9



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

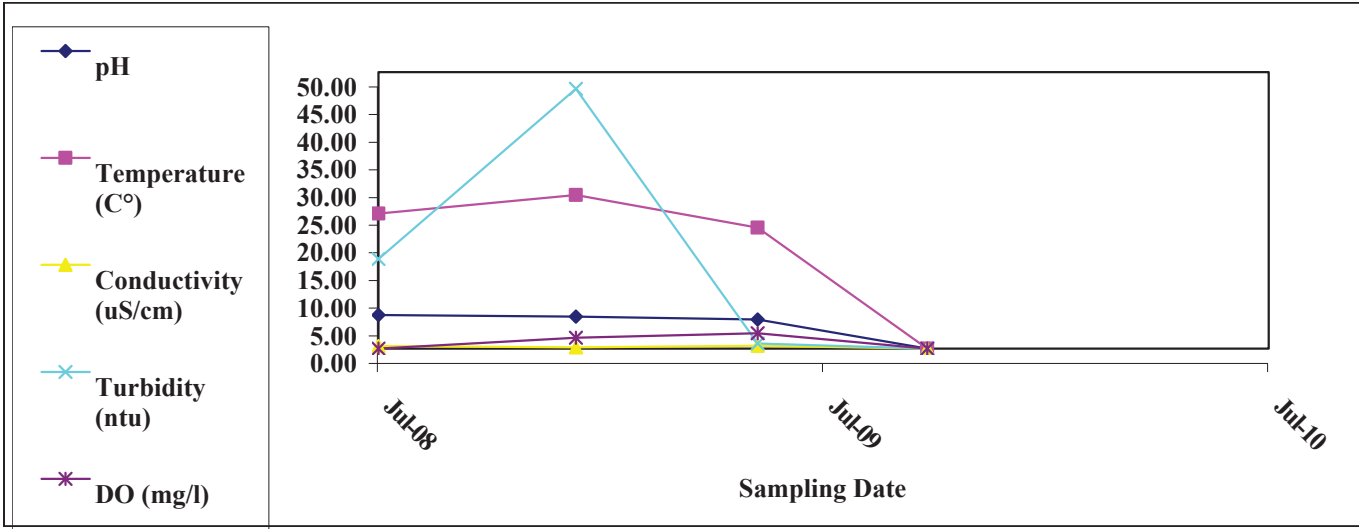
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-12

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	6.1	24.4	0.439	16	NM					
12/10/08	5.8	27.8	0.232	47	1.97					
05/08/09	5.3	21.9	0.528	1	2.75					
09/24/09	NA	NA	NA	NA	NA					

Well ID MW-12



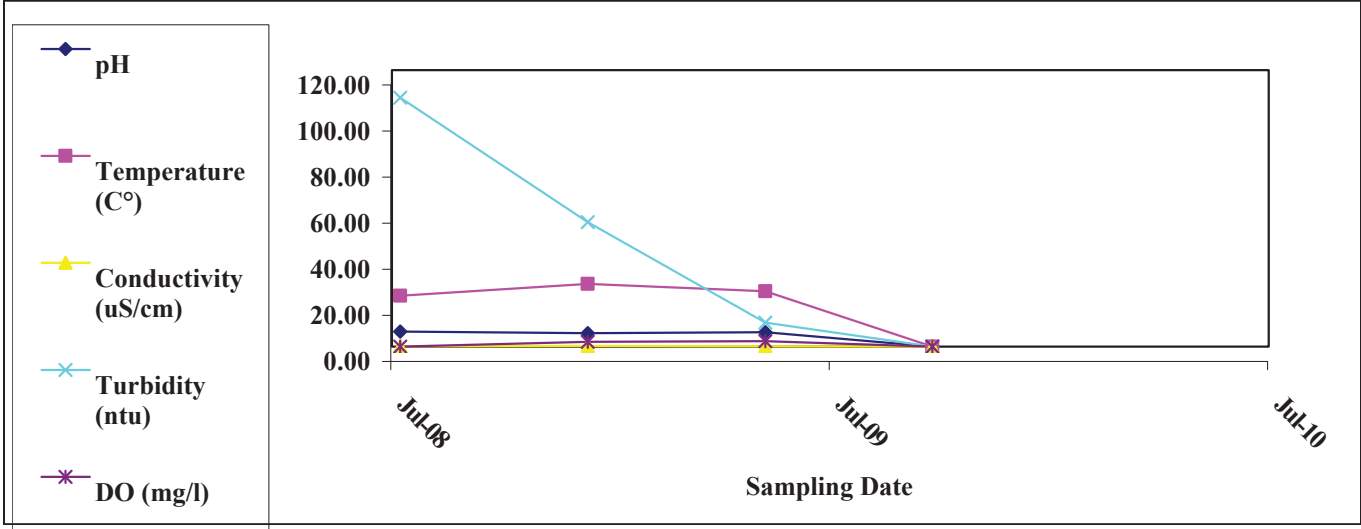
ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 7 - Historical Monitoring Well Intrinsic Groundwater Data										
Well ID OMS-28-1										
Historical Intrinsic Groundwater Data										
DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.6	22.1	0.110	108	NM					
12/11/08	5.8	27.2	0.211	54	2.12					
05/08/09	6.3	24.0	0.121	10	2.41					
09/24/09	NA	NA	NA	NA	NA					
Well ID OMS-28-1										



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

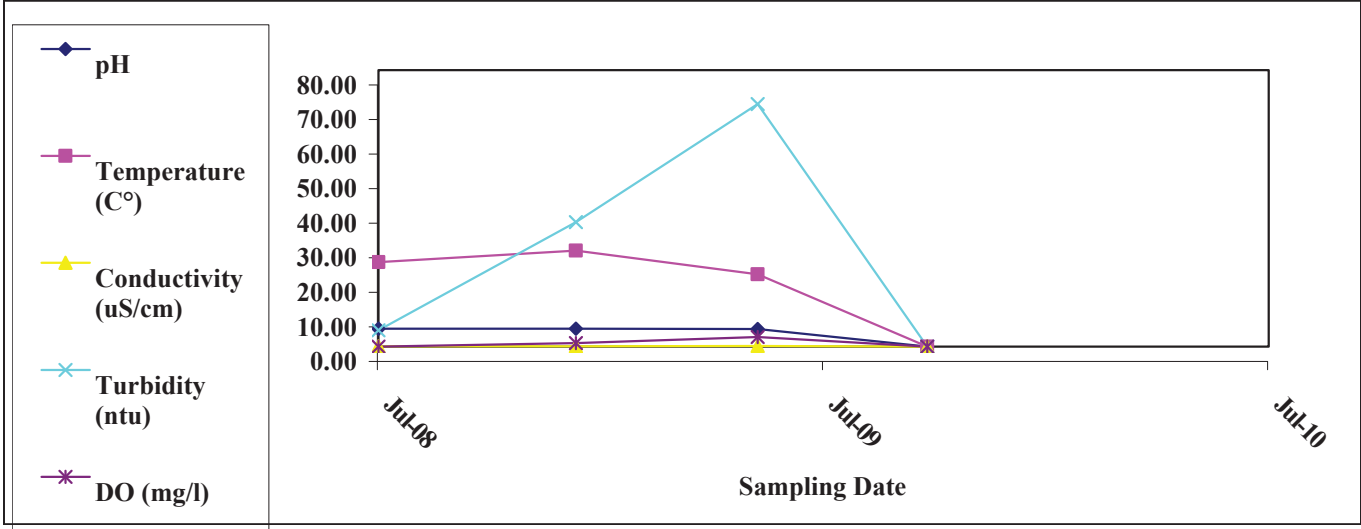
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-2

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.2	24.4	0.123	5	NM					
12/10/08	5.2	27.8	0.118	36	0.98					
05/08/09	5.1	20.9	0.139	70	2.79					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-2



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

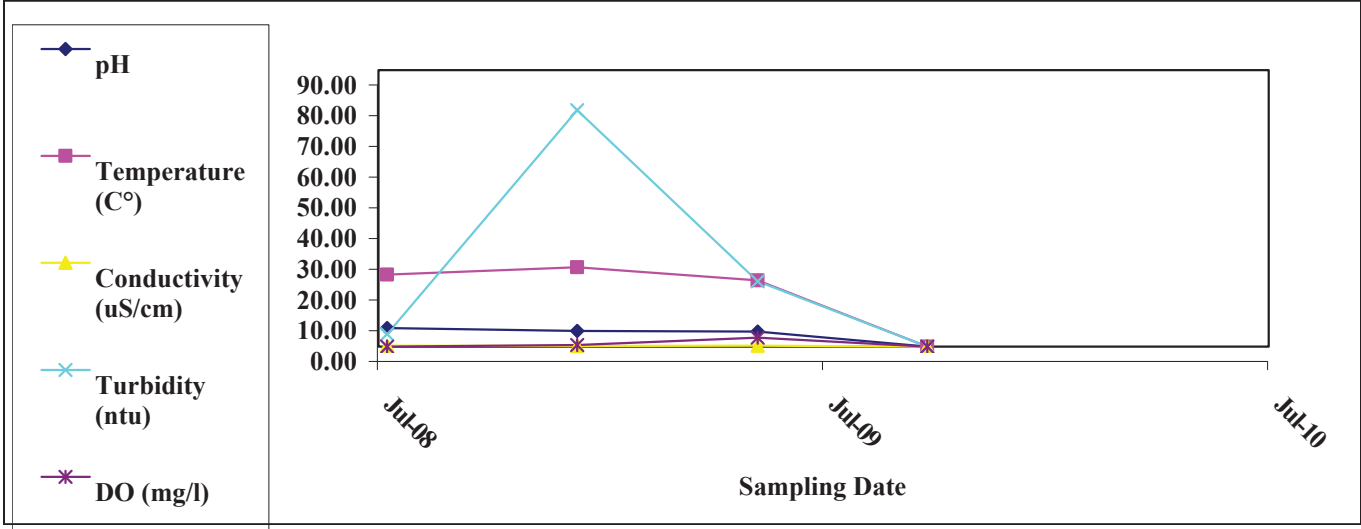
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-3

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.0	23.4	0.311	4	NM					
12/11/08	5.1	25.8	0.241	77	0.54					
05/08/09	4.9	21.6	0.308	21	2.92					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-3



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

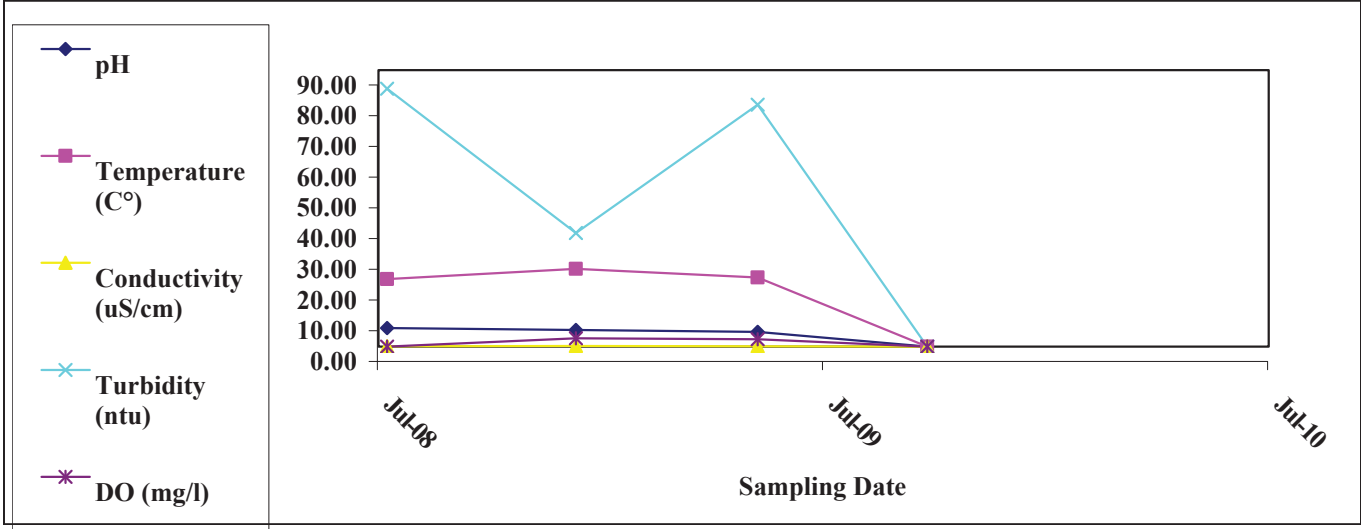
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-4

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.1	22.0	0.130	84	NM					
12/10/08	5.4	25.3	0.222	37	2.74					
05/08/09	4.8	22.5	0.101	79	2.43					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-4



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

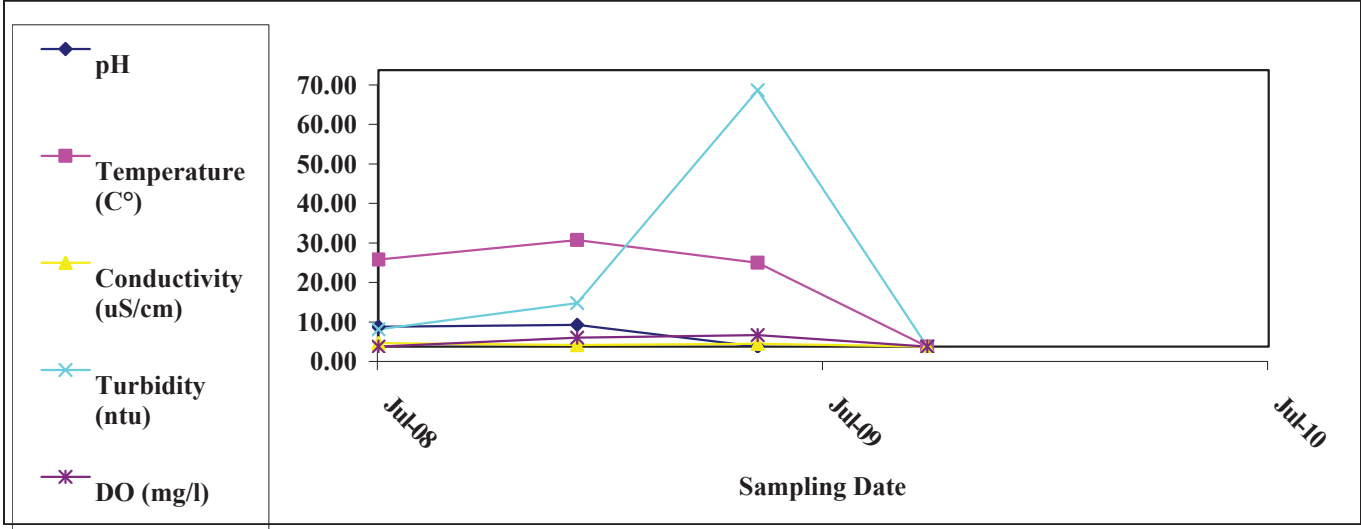
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-5

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.0	22.0	0.880	4	NM					
12/11/08	5.5	27.0	0.386	11	2.30					
05/08/09	4.2	21.2	0.697	65	2.88					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-5



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

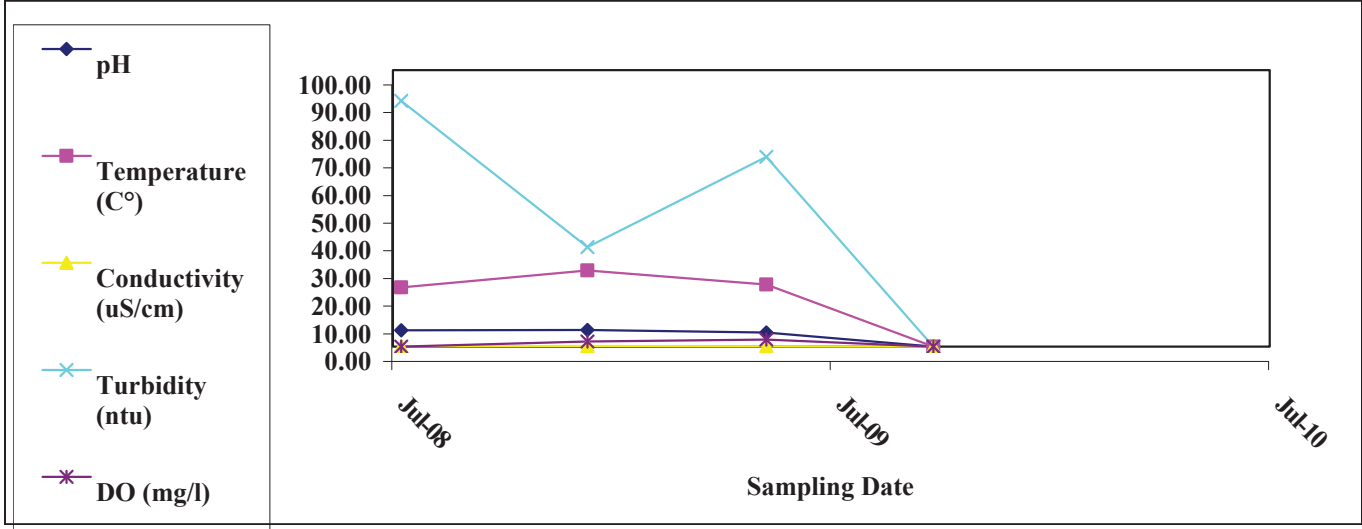
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-6

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	5.9	21.4	0.130	89	NM					
12/10/08	6.0	27.6	0.214	36	1.88					
05/08/09	5.1	22.5	0.127	69	2.59					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-6



ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
Facility I. D. No.: NA
Incident No.: GW 07-01-02
Consulting Firm: Aerostar, Inc.

Year: 2009
Quarter: 2nd biannual
Reporting Period: 6/30/09 - 12/31/09
Project Manager: Geoff Reichold, P.G.

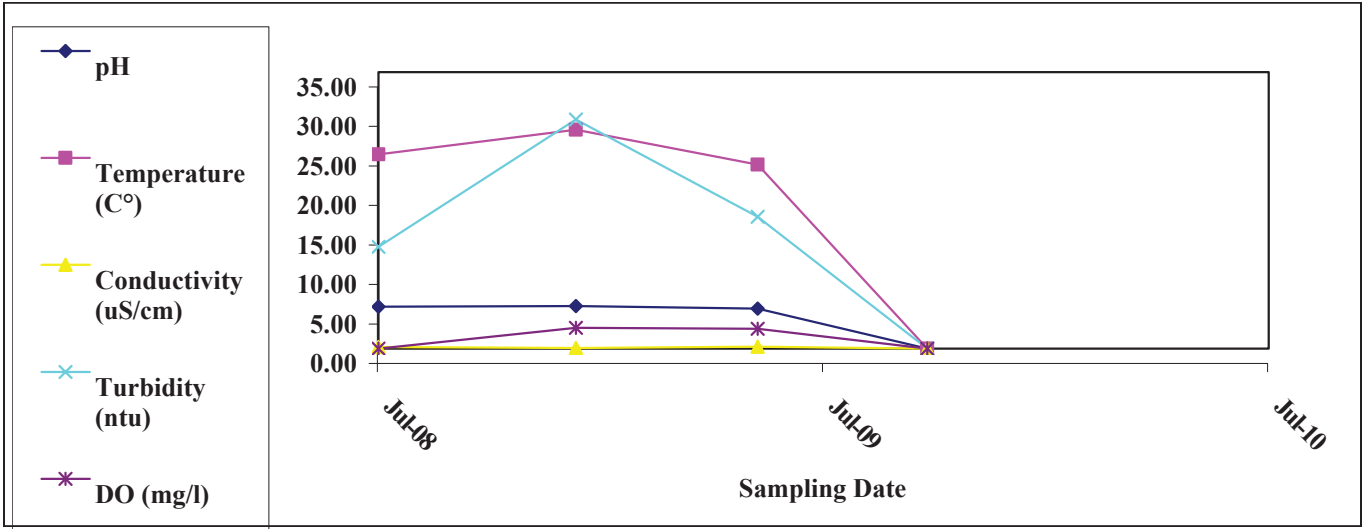
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-7

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.3	24.6	0.214	13	NM					
12/10/08	5.4	27.7	0.099	29	2.63					
05/08/09	5.1	23.3	0.225	17	2.52					
09/24/09	NA	NA	NA	NA	NA					

Well ID OMS-28-7



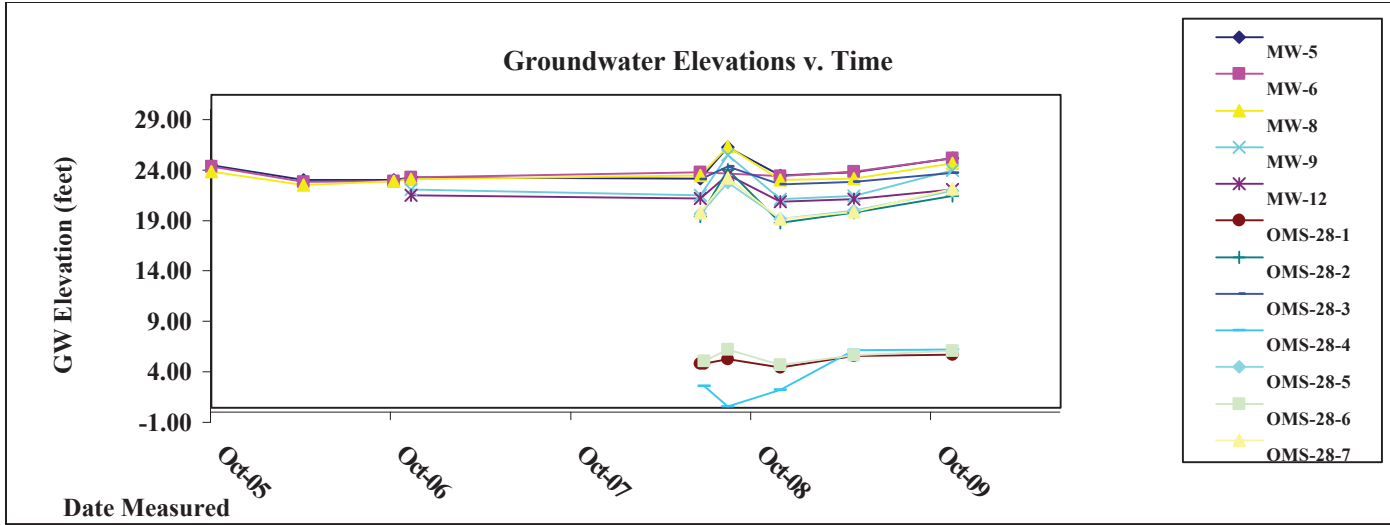
ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name: USACE OMS-28
 Facility I. D. No.: NA
 Incident No.: GW 07-01-02
 Consulting Firm: Aerostar, Inc.

Year: 2009
 Quarter: 2nd biannual
 Reporting Period: 6/30/09 - 12/31/09
 Project Manager: Geoff Reichold, P.G.

Section 8 - Groundwater Elevation Data												
DATE	Well ID/Corrected Groundwater Elevation (feet)											
	MW-5	MW-6	MW-8	MW-9	MW-12	OMS-28-1	OMS-28-2	OMS-28-3	OMS-28-4	OMS-28-5	OMS-28-6	OMS-28-7
10/13/05	23.04	22.93	22.40									
04/18/06	21.54	21.39	21.04									
10/18/06	21.54	21.45	21.44									
11/22/06	21.83	21.82	21.66	20.59	20.04							
07/01/08	21.67	22.31	22.04	20.05	19.74	3.40	17.97	21.65	--	18.22	--	18.35
07/08/08	--	--	--	--	--	3.36	--	--	1.14	--	3.61	--
08/25/08	24.79	--	24.89	24.04	22.06	3.81	22.57	22.92	-0.90	21.33	4.80	21.74
12/10/08	21.99	21.96	21.57	19.64	19.42	2.97	17.33	21.10	0.80	17.68	3.24	17.67
05/08/09	22.31	22.38	21.72	19.99	19.69	4.16	18.32	21.38	4.68	18.52	4.23	18.38
11/24/09	23.74	23.75	23.19	22.49	20.64	4.26	20.01	22.27	4.79	20.50	4.64	20.66



ATTACH THE THREE (3) MOST RECENT GROUNDWATER ELEVATION MAPS INDICATING THE DIRECTION OF GROUNDWATER FLOW. THE GROUNDWATER ELEVATION DATA MUST ALSO BE PRESENTED IN TABULAR FORM AND CORRECTED FOR FREE PRODUCT, IF PRESENT.

APPENDIX B

Laboratory Analytical Results

To: Aerostar

Job ID: Brookley Field OMS-28

Attn: Doyle Traxler

GCAL Report 209092917



Report Date 10/07/2009

ANALYTICAL RESULTS BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Deliver To Aerostar
803 Government St
Suite A
Mobile, AL 36602

Attn Doyle Traxler

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291701	OMS-28-5	Water	09/24/2009 15:41	09/29/2009 09:25
20909291702	OMS-28-2	Water	09/24/2009 16:31	09/29/2009 09:25
20909291703	MW-8	Water	09/24/2009 14:41	09/29/2009 09:25
20909291704	OMS-28-3	Water	09/24/2009 15:16	09/29/2009 09:25
20909291705	OMS-28-6	Water	09/24/2009 13:31	09/29/2009 09:25
20909291706	OMS-28-7	Water	09/24/2009 14:09	09/29/2009 09:25
20909291707	OMS-28-1	Water	09/24/2009 09:36	09/29/2009 09:25
20909291708	MW-5	Water	09/24/2009 10:25	09/29/2009 09:25
20909291709	MW-12	Water	09/24/2009 08:46	09/29/2009 09:25
20909291710	MW-6	Water	09/24/2009 11:09	09/29/2009 09:25
20909291711	OMS-28-4	Water	09/24/2009 15:45	09/29/2009 09:25
20909291712	MW-9	Water	09/24/2009 16:35	09/29/2009 09:25
20909291713	DUP-1	Water	09/24/2009 00:00	09/29/2009 09:25
20909291714	DUP-2	Water	09/24/2009 00:00	09/29/2009 09:25
20909291715	RINSE-1	Water	09/24/2009 16:45	09/29/2009 09:25
20909291716	RINSE-2	Water	09/24/2009 16:45	09/29/2009 09:25
20909291717	TRIP	Water		09/29/2009 09:25

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291701	OMS-28-5	Water	09/24/2009 15:41	09/29/2009 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	Tetrachloroethene	0.00802	0.00500	0.0000998	mg/L
79-01-6	Trichloroethene	0.011	0.00500	0.0000974	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00912	0.00500	0.000103	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291703	MW-8	Water	09/24/2009 14:41	09/29/2009 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.00841	0.00500	0.0000974	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291704	OMS-28-3	Water	09/24/2009 15:16	09/29/2009 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.015	0.00500	0.0000974	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291707	OMS-28-1	Water	09/24/2009 09:36	09/29/2009 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-66-3	Chloroform	0.000582J	0.00500	0.000287	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291714	DUP-2	Water	09/24/2009 00:00	09/29/2009 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.00852	0.00500	0.0000974	mg/L

GCAL ID 20909291701	Client ID OMS-28-5	Matrix Water	Collect Date/Time 09/24/2009 15:41	Receive Date/Time 09/29/2009 09:25
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/01/2009 20:35	By RJU	Analytical Batch 419290
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.00802	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.011	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00912	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291701	OMS-28-5	Water	09/24/2009 15:41	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 20:35	RJU	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.047	mg/L	94	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	111	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291702	OMS-28-2	Water	09/24/2009 16:31	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:02	WAS	419387

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291702	OMS-28-2	Water	09/24/2009 16:31	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:02	WAS	419387

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.051	mg/L	102	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291703	MW-8	Water	09/24/2009 14:41	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 21:49	RJU	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.00841	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291703	MW-8	Water	09/24/2009 14:41	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 21:49	RJU	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	98	75 - 120
1868-53-7	Dibromofluoromethane	.05	.046	mg/L	91	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	102	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291704	OMS-28-3	Water	09/24/2009 15:16	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 03:36	SLR	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.015	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291704	OMS-28-3	Water	09/24/2009 15:16	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 03:36	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.049	mg/L	97	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	108	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291705	OMS-28-6	Water	09/24/2009 13:31	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 17:09	CLH	419074

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291705	OMS-28-6	Water	09/24/2009 13:31	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 17:09	CLH	419074

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.049	mg/L	98	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	99	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	98	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291706	OMS-28-7	Water	09/24/2009 14:09	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 23:03	SLR	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291706	OMS-28-7	Water	09/24/2009 14:09	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 23:03	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	99	75 - 120
1868-53-7	Dibromofluoromethane	.05	.045	mg/L	91	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	111	70 - 120

GCAL ID 20909291707	Client ID OMS-28-1	Matrix Water	Collect Date/Time 09/24/2009 09:36	Receive Date/Time 09/29/2009 09:25
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/02/2009 17:32	By CLH	Analytical Batch 419074
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000582J	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291707	OMS-28-1	Water	09/24/2009 09:36	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 17:32	CLH	419074

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	93	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	100	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	99	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291708	MW-5	Water	09/24/2009 10:25	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 17:55	CLH	419074

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291708	MW-5	Water	09/24/2009 10:25	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 17:55	CLH	419074

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	99	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.051	mg/L	101	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	97	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291709	MW-12	Water	09/24/2009 08:46	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:25	WAS	419387

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291709	MW-12	Water	09/24/2009 08:46	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:25	WAS	419387

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.049	mg/L	98	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	103	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291710	MW-6	Water	09/24/2009 11:09	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:48	WAS	419387

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291710	MW-6	Water	09/24/2009 11:09	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 11:48	WAS	419387

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	103	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291711	OMS-28-4	Water	09/24/2009 15:45	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 01:06	SLR	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291711	OMS-28-4	Water	09/24/2009 15:45	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 01:06	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	98	75 - 120
1868-53-7	Dibromofluoromethane	.05	.046	mg/L	92	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	97	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	110	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291712	MW-9	Water	09/24/2009 16:35	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 01:31	SLR	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291712	MW-9	Water	09/24/2009 16:35	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 01:31	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	99	75 - 120
1868-53-7	Dibromofluoromethane	.05	.047	mg/L	94	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	103	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291713	DUP-1	Water	09/24/2009 00:00	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 19:46	RJU	419290

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291713	DUP-1	Water	09/24/2009 00:00	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/01/2009 19:46	RJU	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	102	75 - 120
1868-53-7	Dibromofluoromethane	.05	.047	mg/L	95	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	101	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.057	mg/L	114	70 - 120

GCAL ID 20909291714	Client ID DUP-2	Matrix Water	Collect Date/Time 09/24/2009 00:00	Receive Date/Time 09/29/2009 09:25
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/05/2009 12:11	By WAS	Analytical Batch 419387
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.00852	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291714	DUP-2	Water	09/24/2009 00:00	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 12:11	WAS	419387

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	103	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID 20909291715	Client ID RINSE-1	Matrix Water	Collect Date/Time 09/24/2009 16:45	Receive Date/Time 09/29/2009 09:25
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/02/2009 01:56	By SLR	Analytical Batch 419290
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291715	RINSE-1	Water	09/24/2009 16:45	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 01:56	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	104	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.053	mg/L	105	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291716	RINSE-2	Water	09/24/2009 16:45	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 12:34	WAS	419387

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291716	RINSE-2	Water	09/24/2009 16:45	09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2009 12:34	WAS	419387

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	93	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	101	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	99	70 - 120

GCAL ID 20909291717	Client ID TRIP	Matrix Water	Collect Date/Time	Receive Date/Time 09/29/2009 09:25
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/02/2009 02:45	By SLR	Analytical Batch 419290
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.00500	0.0000770	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20909291717	TRIP	Water		09/29/2009 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/02/2009 02:45	SLR	419290

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	103	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	103	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	97	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.057	mg/L	114	70 - 120

GC/MS Volatiles Quality Control Summary

Analytical Batch 419074 Prep Batch N/A		Client ID GCAL ID MB419074 Sample Type Method Blank Analytical Date 10/02/2009 10:10 Matrix Water		LCS419074 762873 LCS 10/02/2009 09:01 Water			LCSD419074 762874 LCSD 10/02/2009 09:24 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R			Limit	Limit
67-64-1	Acetone	0.000791U	0.000791	0.050	0.052	104	40 - 140	0.055	110	6	30
75-27-4	Bromodichloromethane	0.0000574U	0.0000574	0.050	0.050	100	75 - 120	0.050	100	0	30
75-25-2	Bromoform	0.000198U	0.000198	0.050	0.048	96	70 - 130	0.050	101	4	30
74-83-9	Bromomethane	0.000141U	0.000141	0.050	0.046	91	30 - 145	0.050	100	8	30
75-15-0	Carbon disulfide	0.000179U	0.000179	0.050	0.051	102	35 - 160	0.054	108	6	30
56-23-5	Carbon tetrachloride	0.0000825U	0.0000825	0.050	0.057	113	65 - 140	0.058	115	2	30
75-00-3	Chloroethane	0.000140U	0.000140	0.050	0.055	111	60 - 135	0.056	112	2	30
67-66-3	Chloroform	0.000287U	0.000287	0.050	0.049	98	65 - 135	0.051	102	4	30
74-87-3	Chloromethane	0.000116U	0.000116	0.050	0.048	96	40 - 125	0.049	97	2	30
124-48-1	Dibromochloromethane	0.0000326U	0.0000326	0.050	0.049	98	60 - 135	0.051	102	4	30
75-71-8	Dichlorodifluoromethane	0.0000608U	0.0000608	0.050	0.043	86	30 - 155	0.045	89	5	30
75-34-3	1,1-Dichloroethane	0.0000346U	0.0000346	0.050	0.054	108	70 - 135	0.055	110	2	30
107-06-2	1,2-Dichloroethane	0.0000640U	0.0000640	0.050	0.052	104	70 - 130	0.052	105	0	30
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.000103	0.050	0.044	88	70 - 125	0.045	90	2	30
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.0000955	0.050	0.054	108	60 - 140	0.057	113	5	30
75-09-2	Methylene chloride	0.000142U	0.000142	0.050	0.053	106	55 - 140	0.053	106	0	30
78-87-5	1,2-Dichloropropane	0.0000559U	0.0000559	0.050	0.055	110	75 - 125	0.055	111	0	30
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.0000315	0.050	0.052	105	70 - 130	0.054	107	4	30
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.0000561	0.050	0.051	101	55 - 140	0.053	105	4	30
100-41-4	Ethylbenzene	0.0000522U	0.0000522	0.050	0.051	102	75 - 125	0.054	108	6	30
591-78-6	2-Hexanone	0.0000661U	0.0000661	0.050	0.044	87	55 - 130	0.047	93	7	30
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.0000708	0.050	0.051	101	75 - 125	0.052	105	2	30
78-93-3	2-Butanone	0.000405U	0.000405	0.050	0.050	100	30 - 150	0.051	102	2	30
108-10-1	4-Methyl-2-pentanone	0.000123U	0.000123	0.050	0.048	96	60 - 135	0.048	95	0	30
100-42-5	Styrene	0.0000453U	0.0000453	0.050	0.051	102	65 - 135	0.053	107	4	30
127-18-4	Tetrachloroethene	0.0000998U	0.0000998	0.050	0.052	104	45 - 150	0.054	108	4	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.000105	0.050	0.046	91	65 - 130	0.048	95	4	30
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.000107	0.050	0.049	97	65 - 135	0.053	107	8	30
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.0000432	0.050	0.048	96	65 - 130	0.050	100	4	30
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.0000547	0.050	0.048	95	75 - 125	0.049	98	2	30
75-69-4	Trichlorofluoromethane	0.0000720U	0.0000720	0.050	0.056	112	60 - 145	0.055	110	2	30
75-01-4	Vinyl chloride	0.0000767U	0.0000767	0.050	0.053	106	50 - 145	0.055	109	4	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.047	93	50 - 130	0.049	99	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 419074 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		MB419074 762872 Method Blank 10/02/2009 10:10 Water			LCS419074 762873 LCS 10/02/2009 09:01 Water			LCSD419074 762874 LCSD 10/02/2009 09:24 Water			
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
106-93-4	1,2-Dibromoethane	0.0000651U	0.0000651	0.050	0.047	93	80 - 120	0.048	97	2	30		
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.0000770	0.050	0.048	97	65 - 125	0.049	99	2	30		
1330-20-7	Xylene (total)	0.000334U	0.000334	0.150	0.155	103	75 - 130	0.159	106	3	30		
108-87-2	Methylcyclohexane	0.0000456U	0.0000456	0.050	0.051	102	77 - 123	0.051	101	0	30		
110-82-7	Cyclohexane	0.0000722U	0.0000722	0.050	0.050	100	71 - 127	0.049	97	2	30		
79-20-9	Methyl Acetate	0.000373U	0.000373	0.050	0.049	98	55 - 134	0.051	102	4	30		
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.0000682	0.050	0.055	111	72 - 130	0.054	107	2	30		
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.0000937	0.050	0.051	102	65 - 130	0.054	109	6	30		
106-46-7	1,4-Dichlorobenzene	0.000129U	0.000129	0.050	0.050	101	65 - 130	0.052	104	4	30		
95-50-1	1,2-Dichlorobenzene	0.000102U	0.000102	0.050	0.051	102	70 - 120	0.054	107	6	30		
91-20-3	Naphthalene	0.000101U	0.000101	0.050	0.042	83	55 - 140	0.046	93	9	30		
75-35-4	1,1-Dichloroethene	0.000119U	0.000119	0.050	0.050	101	70 - 130	0.052	105	4	30		
71-43-2	Benzene	0.0000747U	0.0000747	0.050	0.053	105	80 - 120	0.052	104	2	30		
79-01-6	Trichloroethene	0.0000974U	0.0000974	0.050	0.053	105	70 - 125	0.054	107	2	30		
108-88-3	Toluene	0.0000820U	0.0000820	0.050	0.050	100	75 - 120	0.051	103	2	30		
108-90-7	Chlorobenzene	0.0000715U	0.0000715	0.050	0.051	101	80 - 120	0.053	105	4	30		
Surrogate													
460-00-4	4-Bromofluorobenzene	46.5	93	50	48.9	98	75 - 120	49.3	99				
1868-53-7	Dibromofluoromethane	49.9	100	50	50	100	85 - 115	49.5	99				
2037-26-5	Toluene d8	50.9	102	50	50.1	100	85 - 120	50.1	100				
17060-07-0	1,2-Dichloroethane-d4	49.9	100	50	49.9	100	70 - 120	50.9	102				

Analytical Batch 419290 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		MB419290 764064 Method Blank 10/01/2009 19:22 Water			LCS419290 764065 LCS 10/01/2009 17:05 Water			LCSD419290 764066 LCSD 10/01/2009 17:40 Water			
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.000791U	0.000791	0.050	0.045	91	40 - 140	0.041	82	9	30		
75-27-4	Bromodichloromethane	0.0000574U	0.0000574	0.050	0.050	100	75 - 120	0.047	94	6	30		
75-25-2	Bromoform	0.000198U	0.000198	0.050	0.046	91	70 - 130	0.042	85	9	30		

GC/MS Volatiles Quality Control Summary

Analytical Batch 419290 Prep Batch N/A		Client ID GCAL ID MB419290 Sample Type Method Blank Analytical Date 10/01/2009 19:22 Matrix Water		LCS419290 764065 LCS 10/01/2009 17:05 Water			LCSD419290 764066 LCSD 10/01/2009 17:40 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
74-83-9	Bromomethane	0.000141U	0.000141	0.050	0.050	100	30 - 145	0.054	107	8	30
75-15-0	Carbon disulfide	0.000179U	0.000179	0.050	0.053	105	35 - 160	0.056	112	6	30
56-23-5	Carbon tetrachloride	0.0000825U	0.0000825	0.050	0.052	105	65 - 140	0.050	100	4	30
75-00-3	Chloroethane	0.000140U	0.000140	0.050	0.052	104	60 - 135	0.052	104	0	30
67-66-3	Chloroform	0.000287U	0.000287	0.050	0.046	93	65 - 135	0.044	88	4	30
74-87-3	Chloromethane	0.000116U	0.000116	0.050	0.047	93	40 - 125	0.050	100	6	30
124-48-1	Dibromochloromethane	0.0000326U	0.0000326	0.050	0.048	96	60 - 135	0.046	92	4	30
75-71-8	Dichlorodifluoromethane	0.0000608U	0.0000608	0.050	0.053	107	30 - 155	0.052	104	2	30
75-34-3	1,1-Dichloroethane	0.0000346U	0.0000346	0.050	0.048	95	70 - 135	0.047	94	2	30
107-06-2	1,2-Dichloroethane	0.0000640U	0.0000640	0.050	0.048	95	70 - 130	0.046	92	4	30
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.000103	0.050	0.048	96	70 - 125	0.048	96	0	30
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.0000955	0.050	0.047	94	60 - 140	0.047	94	0	30
75-09-2	Methylene chloride	0.000142U	0.000142	0.050	0.049	98	55 - 140	0.048	96	2	30
78-87-5	1,2-Dichloropropane	0.0000559U	0.0000559	0.050	0.045	90	75 - 125	0.044	87	2	30
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.0000315	0.050	0.048	95	70 - 130	0.046	92	4	30
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.0000561	0.050	0.049	99	55 - 140	0.047	95	4	30
100-41-4	Ethylbenzene	0.0000522U	0.0000522	0.050	0.049	98	75 - 125	0.047	94	4	30
591-78-6	2-Hexanone	0.0000661U	0.0000661	0.050	0.049	98	55 - 130	0.045	91	9	30
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.0000708	0.050	0.052	105	75 - 125	0.050	100	4	30
78-93-3	2-Butanone	0.000405U	0.000405	0.050	0.049	97	30 - 150	0.044	88	11	30
108-10-1	4-Methyl-2-pentanone	0.000123U	0.000123	0.050	0.046	91	60 - 135	0.045	90	2	30
100-42-5	Styrene	0.0000453U	0.0000453	0.050	0.049	97	65 - 135	0.048	96	2	30
127-18-4	Tetrachloroethene	0.0000998U	0.0000998	0.050	0.049	99	45 - 150	0.047	95	4	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.000105	0.050	0.048	95	65 - 130	0.043	87	11	30
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.000107	0.050	0.053	106	65 - 135	0.050	100	6	30
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.0000432	0.050	0.050	101	65 - 130	0.046	91	8	30
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.0000547	0.050	0.049	97	75 - 125	0.046	91	6	30
75-69-4	Trichlorofluoromethane	0.0000720U	0.0000720	0.050	0.052	105	60 - 145	0.051	102	2	30
75-01-4	Vinyl chloride	0.0000767U	0.0000767	0.050	0.056	111	50 - 145	0.055	109	2	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.046	92	50 - 130	0.043	87	7	30
106-93-4	1,2-Dibromoethane	0.0000651U	0.0000651	0.050	0.049	98	80 - 120	0.046	92	6	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.0000770	0.050	0.047	94	65 - 125	0.046	91	2	30
1330-20-7	Xylene (total)	0.000334U	0.000334	0.150	0.153	102	75 - 130	0.145	97	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 419290 Prep Batch N/A		Client ID GCAL ID MB419290 764064 Sample Type Method Blank Analytical Date 10/01/2009 19:22 Matrix Water		LCS419290 764065 LCS 10/01/2009 17:05 Water			LCSD419290 764066 LCSD 10/01/2009 17:40 Water						
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
108-87-2	Methylcyclohexane	0.0000456U	0.0000456	0.050	0.053	106	77 - 123	0.051	102	4	30		
110-82-7	Cyclohexane	0.0000722U	0.0000722	0.050	0.050	99	71 - 127	0.049	98	2	30		
79-20-9	Methyl Acetate	0.000373U	0.000373	0.050	0.055	111	55 - 134	0.045	90	20	30		
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.0000682	0.050	0.047	95	72 - 130	0.054	109	14	30		
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.0000937	0.050	0.051	102	65 - 130	0.048	96	6	30		
106-46-7	1,4-Dichlorobenzene	0.000129U	0.000129	0.050	0.050	99	65 - 130	0.049	98	2	30		
95-50-1	1,2-Dichlorobenzene	0.000102U	0.000102	0.050	0.050	100	70 - 120	0.048	95	4	30		
91-20-3	Naphthalene	0.000101U	0.000101	0.050	0.052	103	55 - 140	0.049	97	6	30		
75-35-4	1,1-Dichloroethene	0.000119U	0.000119	0.050	0.050	100	70 - 130	0.048	96	4	30		
71-43-2	Benzene	0.0000747U	0.0000747	0.050	0.050	100	80 - 120	0.047	94	6	30		
79-01-6	Trichloroethene	0.0000974U	0.0000974	0.050	0.051	101	70 - 125	0.049	98	4	30		
108-88-3	Toluene	0.0000820U	0.0000820	0.050	0.046	93	75 - 120	0.045	89	2	30		
108-90-7	Chlorobenzene	0.0000715U	0.0000715	0.050	0.047	94	80 - 120	0.045	90	4	30		
Surrogate													
460-00-4	4-Bromofluorobenzene	50	100	50	51.5	103	75 - 120	51.5	103				
1868-53-7	Dibromofluoromethane	46.3	93	50	48.4	97	85 - 115	57.7	115				
2037-26-5	Toluene d8	49	98	50	48.4	97	85 - 120	48.9	98				
17060-07-0	1,2-Dichloroethane-d4	49.9	100	50	54.6	109	70 - 120	55.2	110				

Analytical Batch 419387 Prep Batch N/A		Client ID GCAL ID MB419387 764537 Sample Type Method Blank Analytical Date 10/05/2009 10:38 Matrix Water		LCS419387 764538 LCS 10/05/2009 09:14 Water			LCSD419387 764539 LCSD 10/05/2009 14:31 Water						
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.000791U	0.000791	0.050	0.045	90	40 - 140	0.047	94	4	30		
75-27-4	Bromodichloromethane	0.0000574U	0.0000574	0.050	0.048	96	75 - 120	0.049	98	2	30		
75-25-2	Bromoform	0.000198U	0.000198	0.050	0.053	105	70 - 130	0.053	106	0	30		
74-83-9	Bromomethane	0.000141U	0.000141	0.050	0.053	106	30 - 145	0.037	74	36*	30		
75-15-0	Carbon disulfide	0.000179U	0.000179	0.050	0.053	106	35 - 160	0.054	108	2	30		
56-23-5	Carbon tetrachloride	0.0000825U	0.0000825	0.050	0.051	101	65 - 140	0.053	105	4	30		

GC/MS Volatiles Quality Control Summary

Analytical Batch 419387 Prep Batch N/A		Client ID GCAL ID MB419387 Sample Type Method Blank Analytical Date 10/05/2009 10:38 Matrix Water		LCS419387 764538 LCS 10/05/2009 09:14 Water			LCSD419387 764539 LCSD 10/05/2009 14:31 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R			Limit	Limit
75-00-3	Chloroethane	0.000140U	0.000140	0.050	0.053	106	60 - 135	0.057	114	7	30
67-66-3	Chloroform	0.000287U	0.000287	0.050	0.050	101	65 - 135	0.050	101	0	30
74-87-3	Chloromethane	0.000116U	0.000116	0.050	0.057	114	40 - 125	0.053	105	7	30
124-48-1	Dibromochloromethane	0.0000326U	0.0000326	0.050	0.050	99	60 - 135	0.052	104	4	30
75-71-8	Dichlorodifluoromethane	0.0000608U	0.0000608	0.050	0.055	109	30 - 155	0.054	108	2	30
75-34-3	1,1-Dichloroethane	0.0000346U	0.0000346	0.050	0.053	106	70 - 135	0.053	107	0	30
107-06-2	1,2-Dichloroethane	0.0000640U	0.0000640	0.050	0.048	97	70 - 130	0.049	99	2	30
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.000103	0.050	0.049	98	70 - 125	0.052	105	6	30
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.0000955	0.050	0.053	106	60 - 140	0.053	106	0	30
75-09-2	Methylene chloride	0.000142U	0.000142	0.050	0.052	103	55 - 140	0.053	105	2	30
78-87-5	1,2-Dichloropropane	0.0000559U	0.0000559	0.050	0.052	104	75 - 125	0.053	106	2	30
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.0000315	0.050	0.051	102	70 - 130	0.051	102	0	30
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.0000561	0.050	0.050	100	55 - 140	0.050	100	0	30
100-41-4	Ethylbenzene	0.0000522U	0.0000522	0.050	0.051	101	75 - 125	0.053	106	4	30
591-78-6	2-Hexanone	0.0000661U	0.0000661	0.050	0.046	91	55 - 130	0.048	95	4	30
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.0000708	0.050	0.051	101	75 - 125	0.053	105	4	30
78-93-3	2-Butanone	0.000405U	0.000405	0.050	0.049	99	30 - 150	0.050	99	2	30
108-10-1	4-Methyl-2-pentanone	0.000123U	0.000123	0.050	0.051	102	60 - 135	0.051	102	0	30
100-42-5	Styrene	0.0000453U	0.0000453	0.050	0.053	105	65 - 135	0.054	108	2	30
127-18-4	Tetrachloroethane	0.0000998U	0.0000998	0.050	0.052	103	45 - 150	0.052	103	0	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.000105	0.050	0.053	105	65 - 130	0.055	109	4	30
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.000107	0.050	0.054	107	65 - 135	0.052	104	4	30
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.0000432	0.050	0.046	92	65 - 130	0.047	94	2	30
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.0000547	0.050	0.050	99	75 - 125	0.051	102	2	30
75-69-4	Trichlorofluoromethane	0.0000720U	0.0000720	0.050	0.052	104	60 - 145	0.054	107	4	30
75-01-4	Vinyl chloride	0.0000767U	0.0000767	0.050	0.058	115	50 - 145	0.056	112	4	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.053	106	50 - 130	0.055	110	4	30
106-93-4	1,2-Dibromoethane	0.0000651U	0.0000651	0.050	0.049	97	80 - 120	0.051	101	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000770U	0.0000770	0.050	0.047	94	65 - 125	0.047	94	0	30
1330-20-7	Xylene (total)	0.000334U	0.000334	0.150	0.153	102	75 - 130	0.159	106	4	30
108-87-2	Methylcyclohexane	0.0000456U	0.0000456	0.050	0.048	95	77 - 123	0.050	100	4	30
110-82-7	Cyclohexane	0.0000722U	0.0000722	0.050	0.049	99	71 - 127	0.051	102	4	30
79-20-9	Methyl Acetate	0.000373U	0.000373	0.050	0.054	107	55 - 134	0.054	107	0	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 419387 Prep Batch N/A		Client ID MB419387 GCAL ID 764537 Sample Type Method Blank Analytical Date 10/05/2009 10:38 Matrix Water		LCS419387 764538 LCS 10/05/2009 09:14 Water			LCSD419387 764539 LCSD 10/05/2009 14:31 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R			Limit	Limit
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.0000682	0.050	0.055	109	72 - 130	0.056	112	2	30
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.0000937	0.050	0.051	102	65 - 130	0.054	107	6	30
106-46-7	1,4-Dichlorobenzene	0.000129U	0.000129	0.050	0.050	101	65 - 130	0.052	104	4	30
95-50-1	1,2-Dichlorobenzene	0.000102U	0.000102	0.050	0.051	103	70 - 120	0.054	108	6	30
91-20-3	Naphthalene	0.000101U	0.000101	0.050	0.052	103	55 - 140	0.051	102	2	30
75-35-4	1,1-Dichloroethene	0.000119U	0.000119	0.050	0.051	103	70 - 130	0.053	106	4	30
71-43-2	Benzene	0.0000747U	0.0000747	0.050	0.052	103	80 - 120	0.052	103	0	30
79-01-6	Trichloroethene	0.0000974U	0.0000974	0.050	0.050	100	70 - 125	0.051	103	2	30
108-88-3	Toluene	0.0000820U	0.0000820	0.050	0.051	101	75 - 120	0.053	105	4	30
108-90-7	Chlorobenzene	0.0000715U	0.0000715	0.050	0.050	100	80 - 120	0.052	104	4	30
Surrogate											
460-00-4	4-Bromofluorobenzene	46.6	93	50	47.5	95	75 - 120	48.7	97		
1868-53-7	Dibromofluoromethane	48.7	97	50	48.4	97	85 - 115	49	98		
2037-26-5	Toluene d8	50.9	102	50	49.9	100	85 - 120	50.6	101		
17060-07-0	1,2-Dichloroethane-d4	49.2	98	50	48.8	98	70 - 120	48.7	97		

CASE NARRATIVE

Client: Aerostar **Report:** 209092917

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 419290, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review. Isopropyl ether exhibited a recovery above the requested control limits in the ICV. Isopropyl ether was not detected during sample analysis.

In the SW-846 8260B analysis for analytical batch 419387, the LCS/LCSD exhibited an RPD failure. No MS/MSD was performed due to insufficient sample volume.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [ISO Guide 25](#) and [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

 Integrisign

Robyn Miguez
Technical Director
GCAL REPORT 209092917

THIS REPORT CONTAINS _____ PAGES.

Chain of Custody Record

Lab Report No.:

Company: AEROSTAR Address: 803 GROUT ST., STE. A MOBILE, AL 36602	Gulf Coast LabNet, Inc. An Environmental Lab Services Co. Phone: (251) 625-1331 Fax: (251) 625-1299	Modified from DEP Form #: 62-770.900(2) Page 1 of 2 FDEP Facility No.: Project Name: BROOKLEY FIELD OMS-28 Location: MOBILE, AL Project No.:
--	---	---

Attn: DOYLE TRAXLER Phone: _____ Fax: _____ Sampled by [Print Name]/Affiliation: _____ Sampler Signature: <i>[Signature]</i>	TCL 8260 H	< Preservative < Analysis REQUESTED DUE DATE
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Item No.	Field ID No.	Sampled		Grab or Comp.	Matrix Codes	No. Cont.											REQUESTED DUE DATE	
		Date	Time														Remarks	Lab. No.
	OMS-28-5	9/24/09	1541	Grab	GW	3	X											
	OMS-28-2	9/24/09	1031			3	X											
	MW-8	9/24/09	1441			3	X											
	OMS-28-3	9/24/09	1516			3	X											
	OMS-28-6	9/24/09	1331			3	X											
	OMS-28-7	9/24/09	1409			3	X											
	OMS-28-1	9/24/09	936			3	X											
	MW-5	9/24/09	1025			3	X											
	MW-12	9/24/09	846			3	X											

Shipment Method		27 ← Total Number of Containers														
Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time								
Returned: / /	Via:		<i>[Signature]</i> / AES	9/25/09	10:15	<i>[Signature]</i> / GA	9-25-09	10:15								
Additional Comments BROOKLEY DATA PACK.			<i>[Signature]</i> / GA	9/28/09	1700	Fedex	9/28/09	1700								
			Fedex	9/29/09	925	K CDC	9/29/09	925								
Cooler No.(s) / Temperature(s) (°C)					Sampling Kit No.			Equipment ID No.								
38					8954											

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
 PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

Chain of Custody Record

Lab Report No.:

Labnet/1529/209092917/1069

Company: AEROSTAR Address: 803 Govt. St., Ste. A MOBILE, AL 36602	Gulf Coast LabNet, Inc. An Environmental Lab Services Co. Phone: (251) 625-1331 Fax: (251) 625-1299	Modified from DEP Form #: 62-770.900(2) Page <u>2</u> of <u>2</u> FDEP Facility No.: Project Name: BROOKLEY FIELD OMS-28 Location: MOBILE, AL Project No.:
--	---	---

Attn: DOYLE TRAXLER		Phone:		Sampler Signature: <i>[Signature]</i>		Requested Due Date:		Preservative:	
Sampled by [Print Name]/Affiliation		Sampler Signature		Matrix Codes		Requested Due Date:		Analysis:	
Item No.	Field ID No.	Sampled		Grab or Comp.	Matrix Codes	No. Cont.	TCL 8260H	Remarks	Lab. No.
		Date	Time						
	MW-6	9/24/09	1109	Grab	GW	3	X		10
	OMS-28-4	9/24/09	1545			3	X		11
	MW-9	9/24/09	1635			3	X		12
	Dup-1	9/24/09	-			3	X		13
	Dup-2	9/24/09	-			3	X		14
	Rinse-1	9/24/09	1445			3	X		15
	Rinse-2	9/24/09	1645	↓	↓	3	X		16
	TRIP	-	-	-	-	3	X		17

Shipment Method		24 ← Total Number of Containers						
Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via:		<i>[Signature]</i>	9/25/09	18:15	<i>[Signature]</i>	9-25-09	1015
Additional Comments BROOKLEY DATA PACK.			<i>[Signature]</i>	9/24/09	1700	Fedex	9-25-09	1700
			Fedex	9-24-9	925	CCAL	9-24-9	925
Cooler No.(s) / Temperature(s) (°C)				Sampling Kit No.		Equipment ID No.		
38				8954				

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

APPENDIX C

Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone 228-332-1052	4. Waste Tracking Number 30090064-1
5. Generator's Name and Mailing Address US Army Corp of Engineers AOC-001 Mobile, AL 36615 251-432-2664			Generator's Site Address (if different than mailing address) SAME		
6. Transporter 1 Company Name US Environmental Services			U.S. EPA ID Number ALR000026252		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Industrial Water Services 1980 Avenue A Mobile, AL 36615 251-694-7300			U.S. EPA ID Number AL0000859421		
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
1. Non-regulated waste water			1	DM	55 G
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Number: Greer Enterprises PO# 30-090064					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name D. J. Traylor			Signature 		Month Day Year 10 21 09
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Brad Williams			Signature 		Month Day Year 10 1 09
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)			Manifest Reference Number: U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Signature		Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year

GENERATOR

TRANSPORTER - INT'L

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone 228-332-1052	4. Waste Tracking Number 10090064-2
5. Generator's Name and Mailing Address US Army Corp of Engineers OMB-28 Mobile, AL 36615 251-432-2664			Generator's Site Address (if different than mailing address) SAME		
6. Transporter 1 Company Name US Environmental Services				U.S. EPA ID Number AL 000009252	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Industrial Water Services 1980 Avenue A Mobile, AL 36613 251-694-7300				U.S. EPA ID Number AL 0000090421	
9. Waste Shipping Name and Description				10. Containers	
				No. Type	
1. Non-regulated waste water				3 DM 165 0	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Number: Greer Enterprises PO# 30-090064					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>W. Doyle Taylor</i>				Signature <i>[Signature]</i>	
				Month Day Year 10 1 09	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Brad Williamson</i>				Signature <i>[Signature]</i>	
				Month Day Year 10 1 09	
Transporter 2 Printed/Typed Name				Signature	
				Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator)				Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name				Signature	
				Month Day Year	