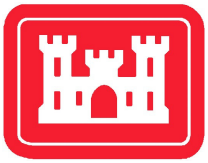
SUPPLEMENTAL COMPREHENSIVE INVESTIGATION GROUNDWATER MONITORING REPORT

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

JANUARY 2011

PREPARED FOR:



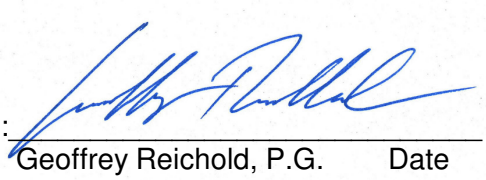
U. S. ARMY CORPS OF ENGINEERS – MOBILE DISTRICT
MOBILE, ALABAMA
CONTRACT NO. W91278-06-D-0066
TASK ORDER 0015
MODIFICATION 001

PREPARED BY:

Aerostar Environmental Services, Inc.
Mobile, Alabama
AEROSTAR Project No. 0407-523-05

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.

Signed: 

Geoffrey Reichold, P.G. Date
State of Alabama License No. 1258

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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 with the United States Army Corps of Engineers (USACE)-Mobile District, has completed field activities and data collection for the fifth of five 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 Modification 001. 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 fifth of five 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 (I-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 I- 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 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 fifth of five groundwater monitoring events conducted to gather sufficient data to prepare an ARBCA evaluation of the site. Data collected during this most recent (September 7-8, 2010) groundwater monitoring event and previous monitoring events at the OMS-28 site are included in the ADEM Natural Attenuation Monitoring Report (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 7 and 8, 2010 site visits included the fifth of five 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 8, 2010, 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.

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 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 the September 2010 and past gauging and sampling

events conducted in March 2010, September 2009, May 2009, December 2008, and July 2008.

3.3 Monitoring Well Sampling

On September 7, 2010, groundwater samples were collected from MW-5, MW-6, MW-12, OMS-28-1, and OMS-28-2. On September 8, 2010, groundwater samples were collected from MW-8, MW-9, OMS-28-3, OMS-28-4, and OMS-28-5, OMS-28-6, and 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 IDW 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 two properly labeled, sealed 55-gallon steel drum. On October 27, 2010, the IDW was disposed of at the MACLAND Disposal Center in Moss Point, Mississippi. The IDW was transported by JCC Environmental Services of Picayune, Mississippi. The Non-Hazardous Waste Manifest is available in Appendix C.

4.0 FINDINGS

4.1 Groundwater Elevation and Flow Direction

Depth to the groundwater at the site was measured on September 8, 2010, 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 previously measured 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 19.35 feet to 23.78 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 1.96 feet to 4.21 feet NGVD. A review of the water level measurements collected on September 8, 2010 from the shallow wells on site indicates that the groundwater flow direction at the OMS-28 site is estimated to the northwest. This flow direction is consistent with the flow direction determined during the previous sampling events conducted in March 2010, November 2009 and May 2009.

Groundwater elevation data, including historic elevation data are provided in **Table 2**. **Figure 3A**, **Shallow Potentiometric Surface Map, September 2010** illustrates groundwater flow direction estimated during the September 2010 groundwater sampling event. **Figure 3B**, **Shallow Potentiometric Surface Map, March 2010, Figure 3C**, **Shallow Potentiometric Surface Map, November 2009 and Figure 3D**, **Shallow Potentiometric Surface Map**, **May 2009** 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 7 and 8, 2010 with a breakdown of individual VOC concentrations, including the analytical results from the previous sampling events of March 2010, September 2009, May 2009, December 2008 and July 2008 are

summarized in **Table 3**, **Groundwater Sample Results**. **Figure 4A**, **Trichloroethene Groundwater Plume, September 2010** illustrates the distribution of dissolved-phase TCE for the September 7 and 8, 2010 sampling event. **Figure 4B**, **Trichloroethene Groundwater Plume, March 2010, Figure 4C**, **Trichloroethene Groundwater Plume, September 2009, and Figure 4D, Trichloroethene Groundwater Plume, May 2009** illustrate the historical distribution of dissolved-phase TCE at the site.

During the previous groundwater sampling event of March 18 and 19, 2010, tetrachloroethene (PCE) and TCE were detected in one or more samples at levels that exceeded ADEM ARBCA Preliminary Screening Values (PSVs). VOC's that exceeded the ADEM ARBCA PSV during the September 2010 sampling event are discussed below.

- PCE was detected during the September 7 and 8, 2010 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well OMS-28-5 exhibited a PCE concentration of 0.033 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 March 18 and 19, 2010 sampling event when the concentration was 0.081 mg/L.
- TCE was detected during the September 7 and 8, 2010 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 0.013 mg/L, 0.149 mg/L, and 0.019 mg/L, respectively. These concentrations are above the ADEM PSV of 0.005 mg/L established for TCE. The TCE concentration in OMS-28-3 has increased since the March 18 and 19, 2010 sampling event, when the concentration was 0.012 mg/L. The TCE concentrations in MW-8 and OMS-28-5 have decreased since the March 18 and 19, 2010 sampling event when the concentrations were 0.041 mg/L and 0.051 mg/L, respectively.

4.3 Discussion

Table 3 summarizes the groundwater analytical results while **Figure 2** illustrates the sample locations for the September 7 and 8, 2010 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 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.

The PCE concentration of 0.033 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 0.013 mg/L, 0.149 mg/L, and 0.019 mg/L that were 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 7 and 8, 2010 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 7 and 8, 2010 (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 September and May 2009 are presented as **Figures 3B, 3C and 3D,** respectively.

A comparison of the March 2010 TCE and September 2010 TCE groundwater results indicates that TCE concentrations in the shallow well OMS-28-3 have increased, while the TCE concentrations in the shallow wells OMS-28-5 and MW-8 have decreased.

Review of the groundwater analytical results reveals that no chemicals of concern were detected in any deep well at concentrations that exceeded ADEM drinking water PSVs during the September 2010 sampling event. Contamination in the deeper aquifer does not appear to be a concern at OMS-28.

5.0 SUMMARY

During this investigation, only two chemicals of concern, PCE and TCE, were detected in the groundwater at concentrations that exceeded their respective ADEM drinking water PSVs. A comparison of this sampling event and previous sampling events reveals that dissolved-phase VOC concentrations have generally remained stable at the site.

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 OMS-28 monitoring well during the September 2010 sampling event and has never been encountered during any previous event.

6.0 RECOMMENDATIONS

Based on the results of the past five consecutive groundwater monitoring events at the site, AEROSTAR recommends conducting a risk based corrective action assessment for the groundwater impacts at OMS-28.

TABLES

TABLE 1
FNA FIELD MEASUREMENTS

OMS 28
Brookley Air Force Base
Mobile, Mobile County

U.S. Army Corps of Engineers
Former Brookley Air Force Base

Contract No. W91278-06-D-0066
Task Order 0015

Groundwater Monitoring Report
Mobile, Alabama

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
	03/18/10	4.5	16.8	0.255	4	2.24
	09/07/10	4.4	30.1	0.250	4	0.31
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
	03/18/10	4.8	16.9	0.232	2	0.80
	09/07/10	5.0	29.8	0.156	3	0.08
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
	03/19/10	5.9	15.8	0.499	6	1.49
	09/08/10	6.2	27.9	0.544	3	1.17
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
	03/18/10	4.9	15.0	0.155	3	0.52
	09/08/10	5.3	23.6	0.123	6	0.42
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
	03/18/10	6.3	17.1	0.515	10	0.31
	09/07/10	5.6	27.4	0.433	5	0.10
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
	03/18/10	9.2	22.5	0.105	1	1.40
	09/07/10	6.1	24.8	0.128	4	0.20
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
	03/18/10	5.5	17.2	0.162	3	1.35
	09/07/10	5.7	23.7	0.145	1	0.83
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
	09/24/09	NA	NA	NA	NA	NA
	03/19/10	6.2	16.2	0.352	8	0.59
	09/08/10	5.7	24.8	0.293	4	0.11
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
	03/19/10	6.1	19.9	0.141	5	0.26
	09/08/10	6.3	21.7	0.125	6	0.29
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
	03/19/10	5.2	17.4	0.485	7	0.61
	09/08/10	5.1	22.1	0.239	9	0.25
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
	03/18/10	6.1	22.4	0.163	15	2.23
	09/08/10	6.2	22.7	0.133	2	0.04
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
	03/18/10	5.9	17.3	0.237	3	2.38
	09/08/10	6.0	24.6	0.225	8	0.24

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 = disolved 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

U.S. Army Corps of Engineers | Contract No. W91278-06-D-0066 | Groundwater Monitoring Report
Former Brookley Air Force Base | Task Order 0015 | Mobile,Alabama

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
				03/18/10	NA	4.72	23.42
				09/08/10	NA	4.36	23.78
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
				03/18/10	NA	3.66	24.49
				09/08/10	NA	5.35	22.80
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
				03/18/10	NA	4.51	23.73
				09/08/10	NA	5.10	23.14
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
				03/18/10	NA	5.09	22.36
				09/08/10	NA	5.96	21.49
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
				03/18/10	NA	5.80	20.14
				09/08/10	NA	4.96	20.98

TABLE 2
Liquid Level Summary

OMS 28
Brookley Air Force Base
Mobile, Mobile County

U.S. Army Corps of Engineers
Former Brookley Air Force Base

Contract No. W91278-06-D-0066
Task Order 0015

Groundwater Monitoring Report
Mobile,Alabama

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
				03/18/10	NA	21.30	4.96
				09/08/10	NA	22.16	4.10
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
				03/18/10	NA	10.49	20.39
				09/08/10	NA	11.39	19.49
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
				03/18/10	NA	7.85	22.85
				09/08/10	NA	8.38	22.32
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	1.97
				11/24/09	NA	25.91	2.08
				03/18/10	NA	25.21	2.78
				09/08/10	NA	26.03	1.96
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
				03/18/10	NA	9.12	21.00
				09/08/10	NA	10.75	19.37
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
				03/18/10	NA	25.21	5.10
				09/08/10	NA	26.10	4.21
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
				05/08/09	NA	6.90	20.66
				03/18/10	NA	6.32	21.24
				09/08/10	NA	8.21	19.35

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

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	MW-5						MW-6					
				07/01/08	12/11/08	05/08/09	09/24/09	03/18/10	09/07/10	07/01/08	12/11/08	05/08/09	09/24/09	03/18/10	09/07/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	**0.000548J**	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000661U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00780J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00317J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	***0.016***	***0.011***	***0.00555***	0.0000747U	**0.00184J**	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	**0.00418J**	**0.00139J**	**0.00270J**	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.0000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	**0.00533**	**0.00406J**	**0.00341J**	0.0000708U	**0.00103J**	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	**0.00299J**	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	***0.00464J***	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	***0.028***	***0.021***	***0.011***	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	**0.00701J**	**0.00523J**	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 2008
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA PSV or EPA Regional Screening Level for tap water.
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	MW-8						MW-9					
				07/01/08	12/11/08	05/08/09	09/24/09	03/19/10	09/08/10	07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	09/08/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000601U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.011J**	0.000914U	**0.00617J**	0.000791U	**0.022J**	0.00115U	**0.00472J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000675U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	***0.00210J***	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	***0.133***	***0.046***	***0.018***	***0.00841***	***0.041***	***0.013***	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	**0.00397J**	**0.00324J**	**0.000812J**	0.000103U	**0.00207J**	0.0000613U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	MW-12						OMS-28-1 (Deep Well)					
				07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	09/07/10	07/08/08	12/11/08	05/08/09	09/24/09	03/18/10	09/07/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00363J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00905J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	**0.044**	0.000164U	**0.00333J**	**0.000582J**	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	**0.00151J**	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.00006377U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	***0.00905J***	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	***0.00451J***	0.000101U	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	OMS-28-2						OMS-28-3					
				07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	09/07/10	07/01/08	12/11/08	05/08/09	09/24/09	03/19/10	09/08/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00338J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00218J**	0.000914U	0.000791U	0.000791U	**0.00617J**	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	**0.000252J**	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	**0.00111J**	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	**0.000835J**	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	**0.00200J**	0.0000618U	***0.08***	***0.094***	***0.029***	***0.01529***	***0.012***	***0.149***
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	**0.00626**	0.00934	**0.00955**	0.000103U	**0.00137J**	0.00943
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	OMS-28-4 (Deep Well)						OMS-28-5					
				07/08/08	12/10/08	05/08/09	09/24/09	03/19/10	09/08/10	07/01/08	12/11/08	05/08/09	09/24/09	03/19/10	09/08/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.0100113U	0.0000781U	0.000123U	0.00123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00207J**	0.000914U	0.000791U	0.000791U	**0.00450J**	0.00115U	**0.00355J**	0.000914U	0.000791U	0.00079U	**0.011J**	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	**0.000219J**	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	***0.13***	***0.0092***	***0.234***	***0.00802***	***0.081***	***0.033***
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U	***0.039***	***0.014***	***0.162***	***0.011***	***0.051***	***0.019***
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	**0.012**	**0.0087**	**0.02**	**0.00912**	**0.00630**	**0.00869**
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	**0.005**	0.000122U	**0.00241J**	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	OMS-28-6 (Deep Well)						OMS-28-7						IDW
				07/08/08	12/10/08	05/08/09	09/24/09	03/18/10	09/08/10	07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	09/08/10	07/08/08
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U
Acetone	67-64-1	mg/L	0.55	**0.00305J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00487J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00563J**
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	**0.014**
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	**0.000963J**
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.0000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	**0.00278J**
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	***0.00428J***	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	**0.000369J**
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U	**0.00173J**	0.000118U	**0.000684J**	0.0000974U	0.0000618U	0.0000618U	0.000164U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	**0.0000538**
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	0.0000745U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	RINSATE-1						RINSATE-2					
				07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	09/07/10	07/08/08	12/11/08	05/08/09	09/24/09	03/19/10	09/08/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00366J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U	**0.00345J**	0.000914U	0.000791U	0.000791U	0.00115U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000292J
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	**0.000884J**	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	**0.00133J**	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000688U	NA	NA	NA	NA	0.0000960U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	**0.0000921**	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	**0.000797J**	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	**0.000800J**	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.0000618U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U	0.0000613U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location										
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	DUP-1 (MW-8)	DUP-1 (OMS-28-4)	DUP-1 (OMS-28-1)	DUP-1 (OMS-28-4)	DUP-1 (OMS-28-3)	DUP-1 (MW-8)	DUP-2 (OMS-28-1)	DUP-2 (MW-8)	DUP-2 (MW-6)	DUP-2 (MW-8)
				07/01/08	12/10/08	05/08/09	09/24/09	03/19/10	09/08/10	07/08/08	12/11/08	5/8/2009	9/24/2009
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000119U	0.0000223U	0.0000912U	0.000107U	0.000107U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.0000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U
Acetone	67-64-1	mg/L	0.55	**0.00430J**	0.000914U	0.000791U	0.000791U	**0.00529J**	0.00115U	**0.00678J**	0.000914U	0.000791U	0.000791U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000542U	0.0000624U	0.0000649U	***0.00567***	0.0000747U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	**0.00338J**	0.000287U	0.0000565U	0.0000565U	**0.045**	0.000164U	0.000287U	0.000287U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.0000886U	***0.00184J***	0.000101U	0.000116U	0.000116U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000644U	0.0000722U	0.000105U	**0.00299J**	0.0000722U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000960U	0.0000680U	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000347U	0.0000569U	0.000135U	**0.00340J**	0.0000708U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.000327U	***0.00907J***	0.0000959U	0.000142U	0.000142U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.0000817U	0.000245U	0.000118U	***0.011***	0.000101U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000590U	**0.000434J**	0.0000755U	0.0000820U	0.0000820U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	***0.129***	0.000118U	0.0000974U	0.0000974U	***0.013***	***0.013***	0.000164U	***0.046***	0.0000974U	***0.00852***
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U	0.0000502U	0.000194U	0.000183U	0.000334U	0.000334U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	**0.00437J**	0.000162U	0.000103U	0.000103U	**0.00121J**	0.0000613U	0.0000745U	**0.00316J**	0.000103U	0.000103U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U	0.0000517U	0.0000756U	0.0000769U	0.0000972U	0.0000770U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	0.000107U	0.0000573U	0.000122U	0.0000955U	0.0000955U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	0.0000608U	0.0000608U	0.0000960U	NA	NA	NA	0.0000608U	0.0000608U

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

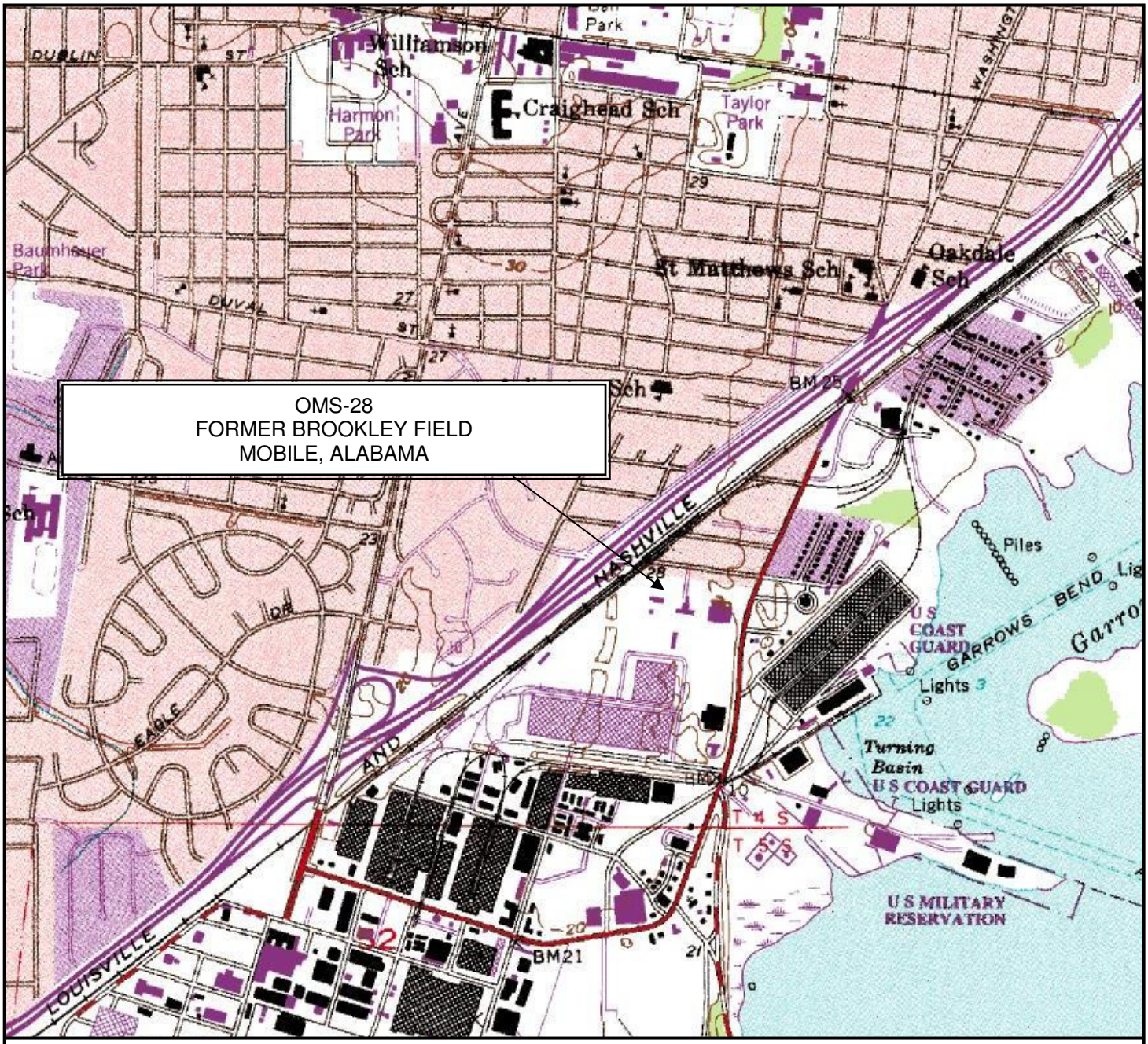
TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location					
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	TRIP BLANK					
				07/14/08	07/01/08	12/11/08	5/8/2009	9/24/2009	03/19/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	**0.000257J**	0.000132U	0.0000937U	0.0000937U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	**0.000487**	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	**0.000113U**	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U
Acetone	67-64-1	mg/L	0.55	**0.00181J**	**0.010J**	0.000914U	0.000791U	0.000791U	**0.00160J**
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	**0.00150J**	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U
Dibromochloromenthane	124-48-1	mg/L	0.08	**0.000939J**	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	0.0000680U	NA	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	**0.000290J**	0.0000755U	0.0000820U	0.0000820U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000194U	0.000183U	0.000334U	0.000334U	0.0000502U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.0000745U	0.000162U	0.000103U	0.000103U	0.0000613U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000517U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U
Dichlorodifluoromethane	75-71-8	mg/L	0.04	NA	NA	NA	0.0000608U	0.0000608U	0.0000960U

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 20
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA P
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U - flag indicates the compound was analyzed for but was not detected
NE = Not established
NA = Not analyzed

FIGURES



MOBILE, ALABAMA
QUADRANGLE

7.5 MINUTE SERIES
(TOPOGRAPHIC)

CONTOUR INTERVAL 10 FEET

DATED 1982

FIGURE 1-SITE LOCATION MAP

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS-28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

DRAWN BY: SHS

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

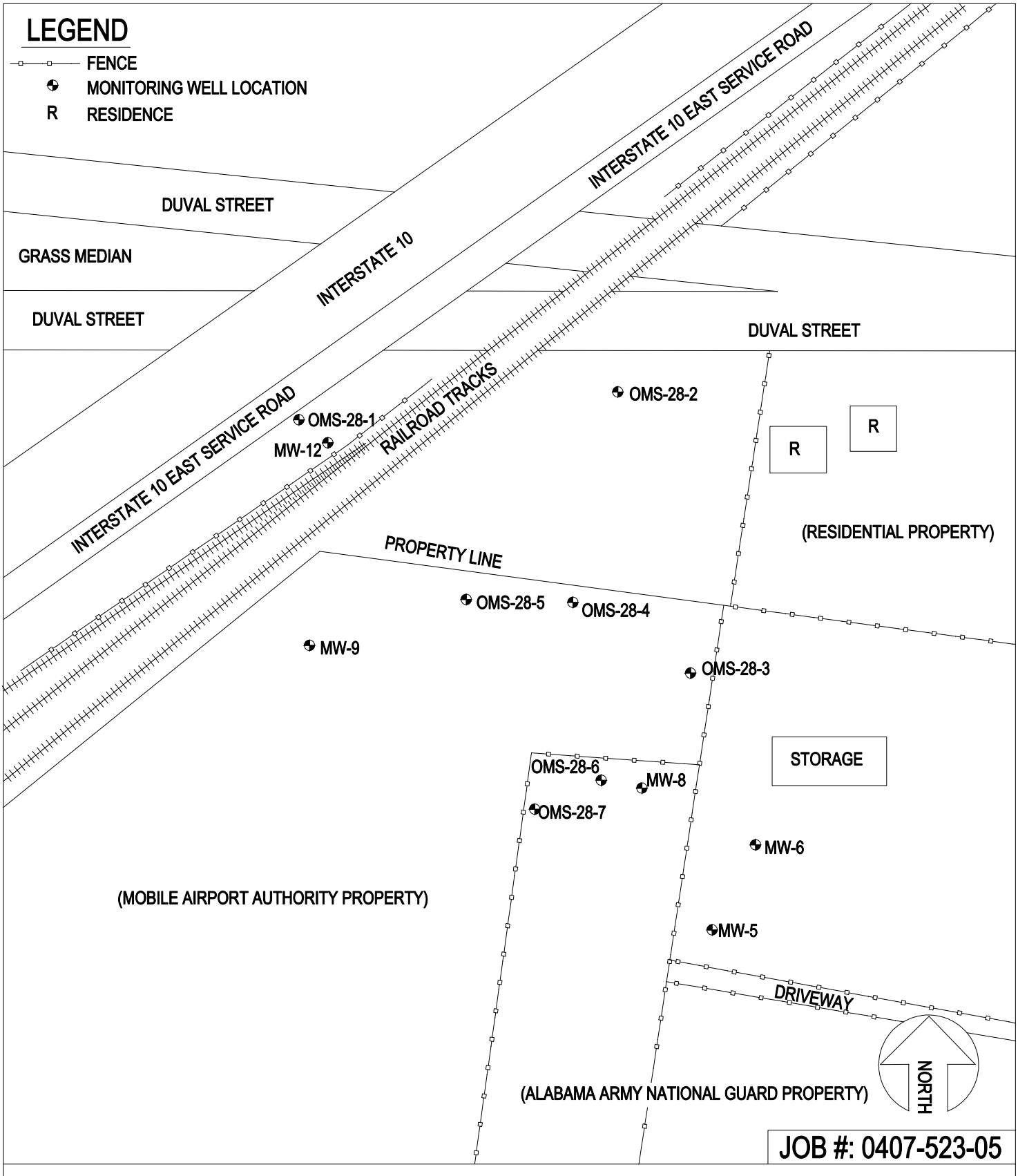


FIGURE 2 - PROJECT SITE MAP

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: NOT TO SCALE
DATE: MARCH 2010
DRAWN BY: STUART

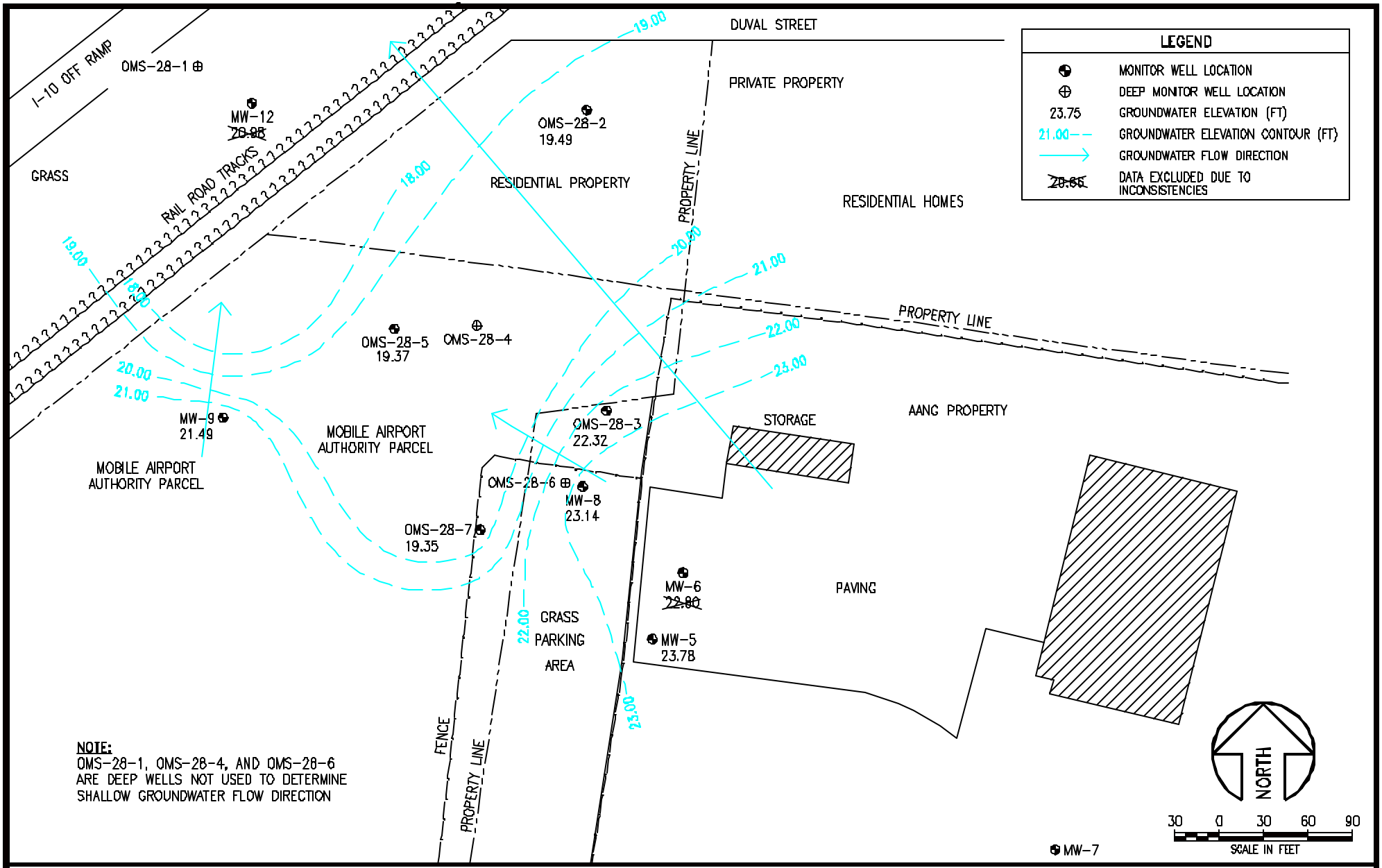


FIGURE 3A - SHALLOW POTENTIOMETRIC SURFACE MAP, SEPTEMBER 2010

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: NOVEMBER 2010
DRAWN BY: STUART

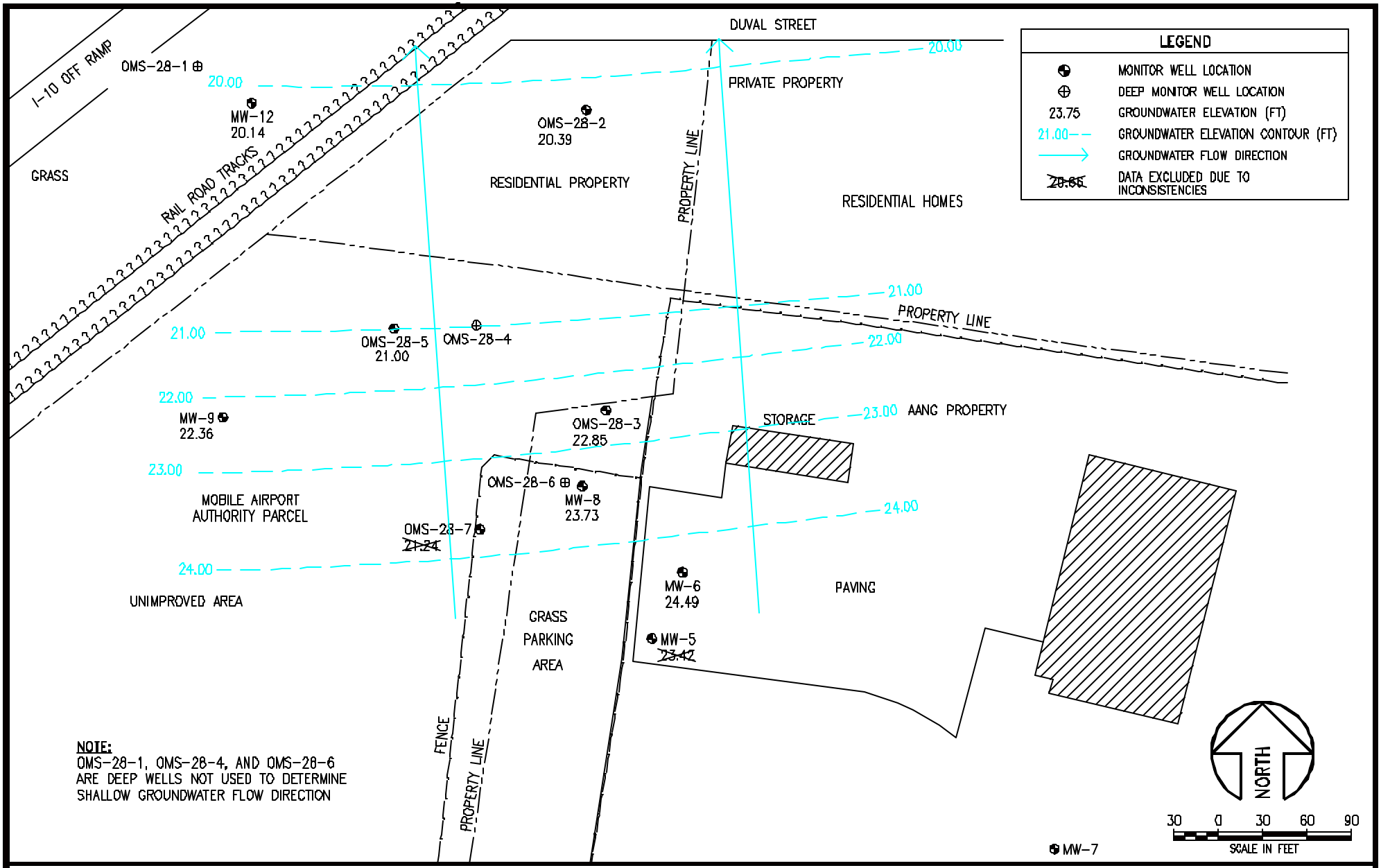


FIGURE 3B - SHALLOW POTENTIOMETRIC SURFACE MAP, MARCH 2010

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: MARCH 2010
DRAWN BY: STUART

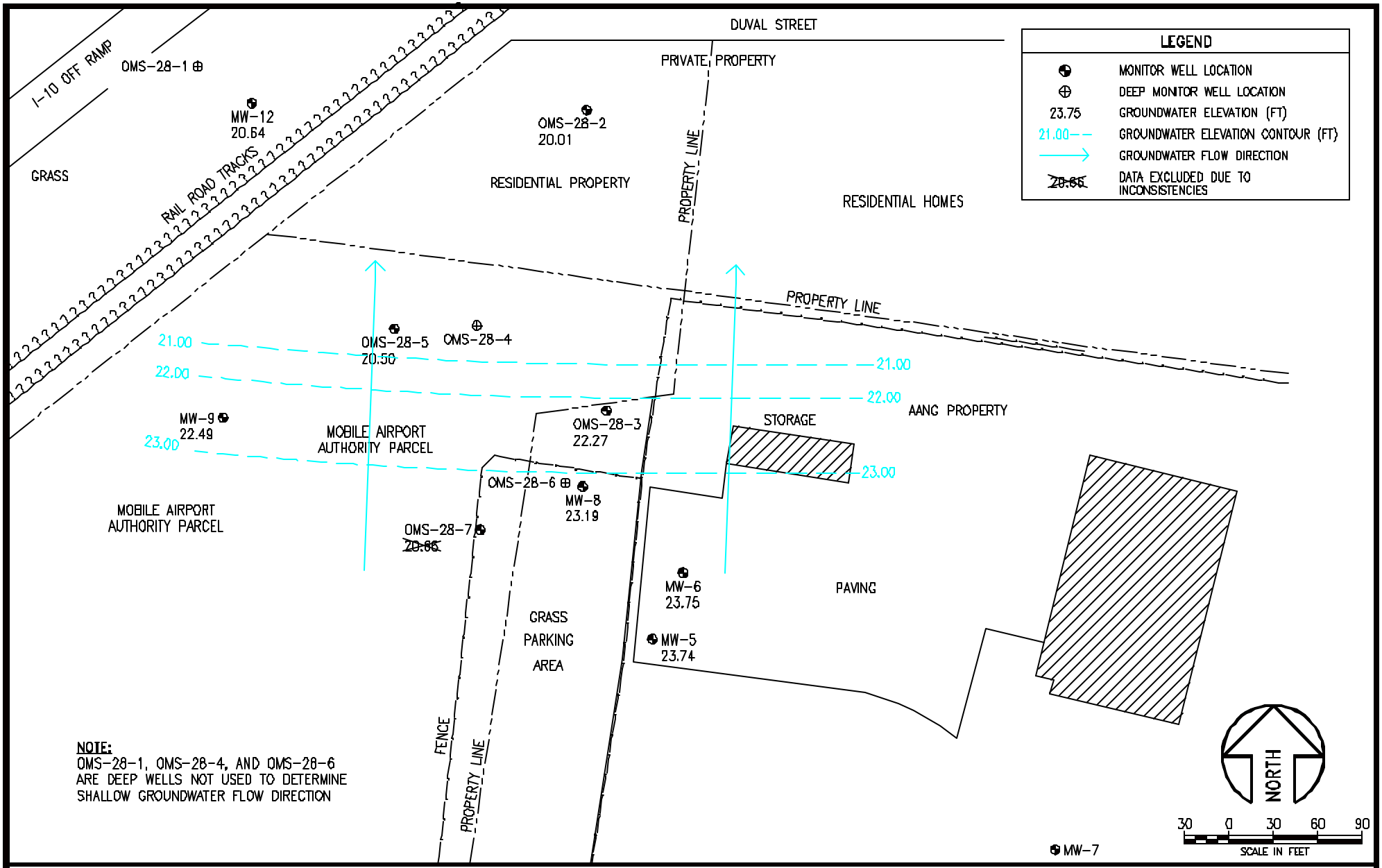


FIGURE 3C - SHALLOW POTENTIOMETRIC SURFACE MAP, NOVEMBER 2009

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: NOVEMBER 2009
DRAWN BY: ROGERS

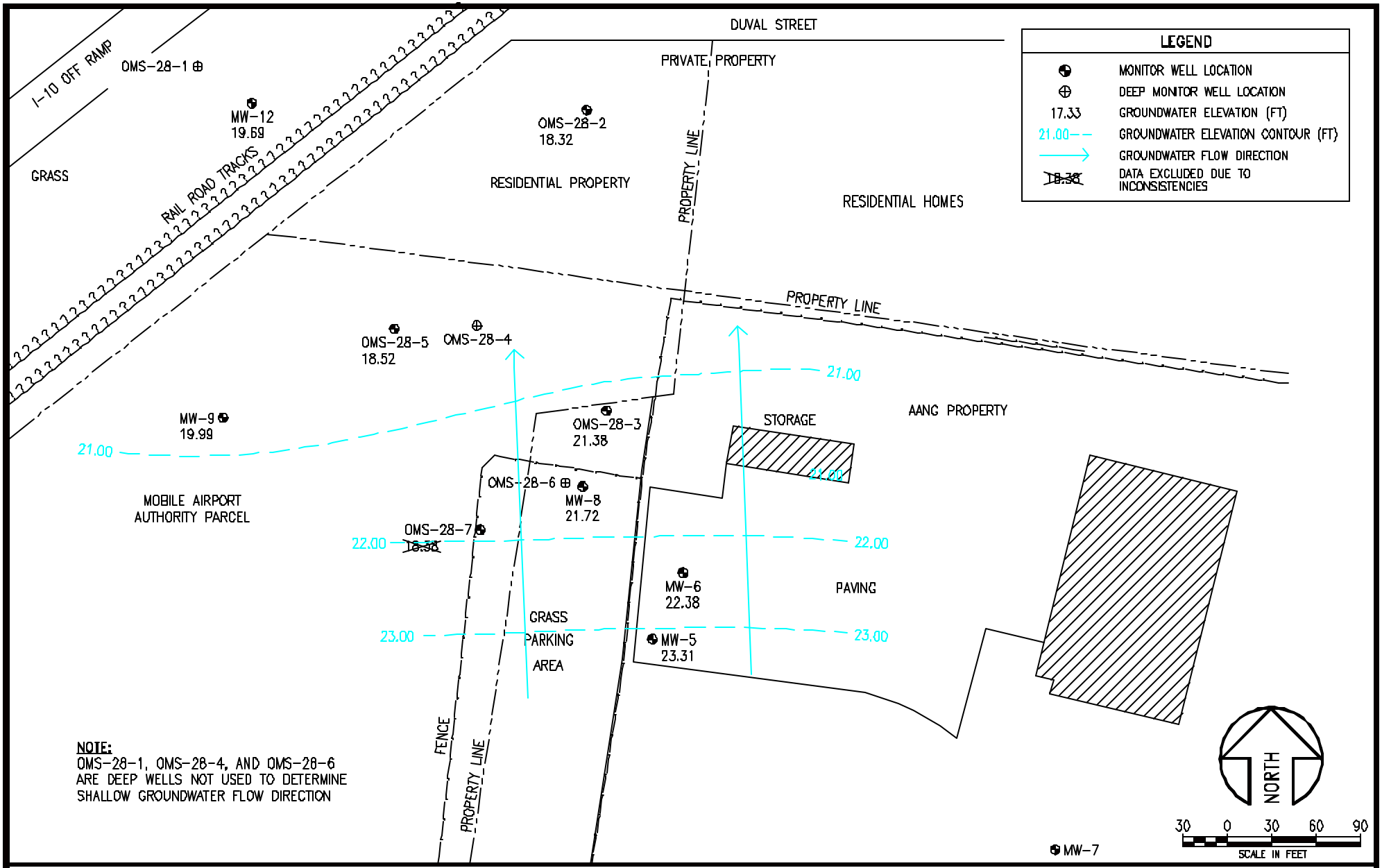


FIGURE 3D - SHALLOW POTENTIOMETRIC SURFACE MAP, MAY 2009

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: MAY 2009
DRAWN BY: ESCHETE

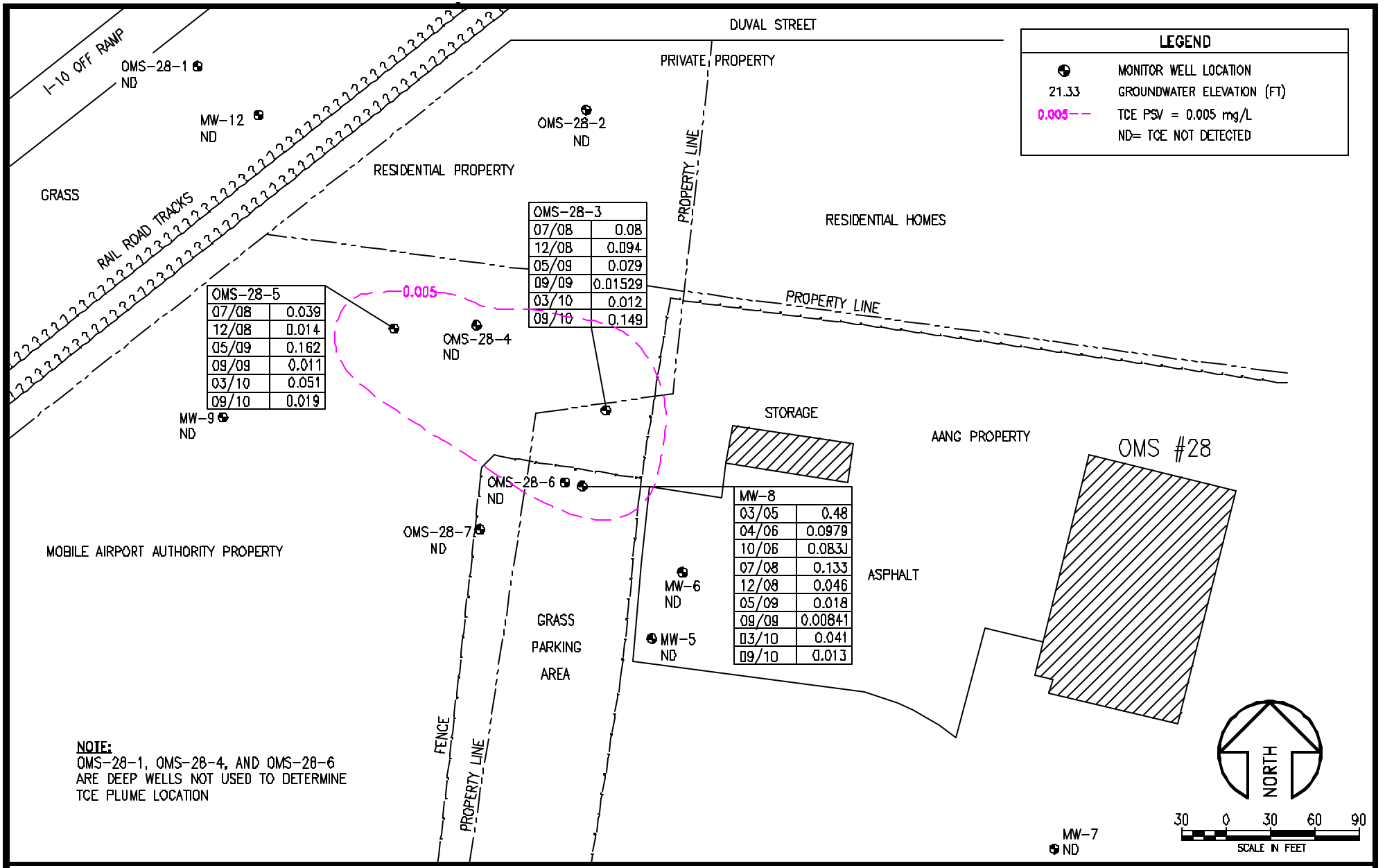


FIGURE 4A – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, SEPTEMBER 2010

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS – 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: NOVEMBER 2010
DRAWN BY: STUART

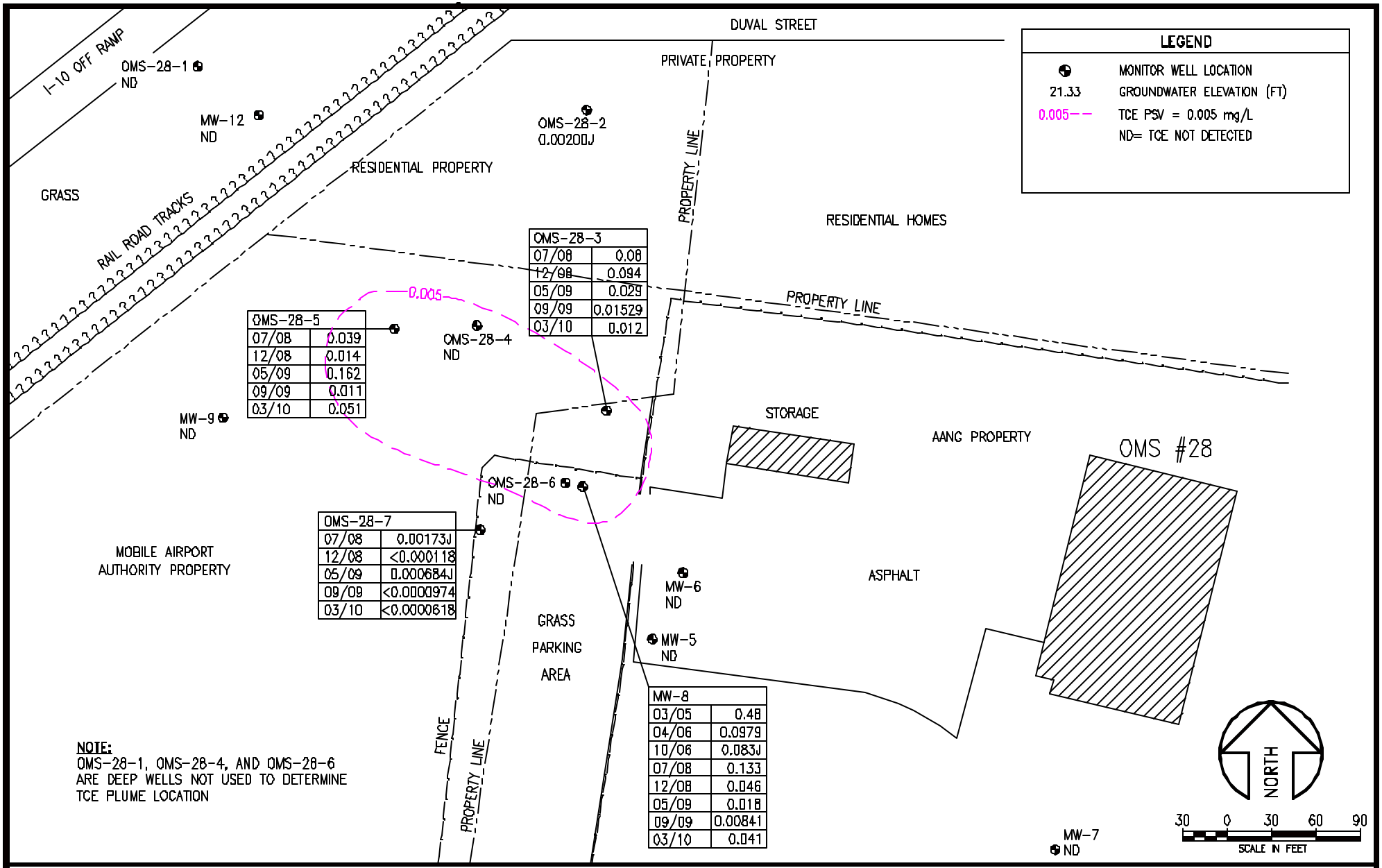


FIGURE 4B - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MARCH 2010

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: APRIL 2010
DRAWN BY: STUART

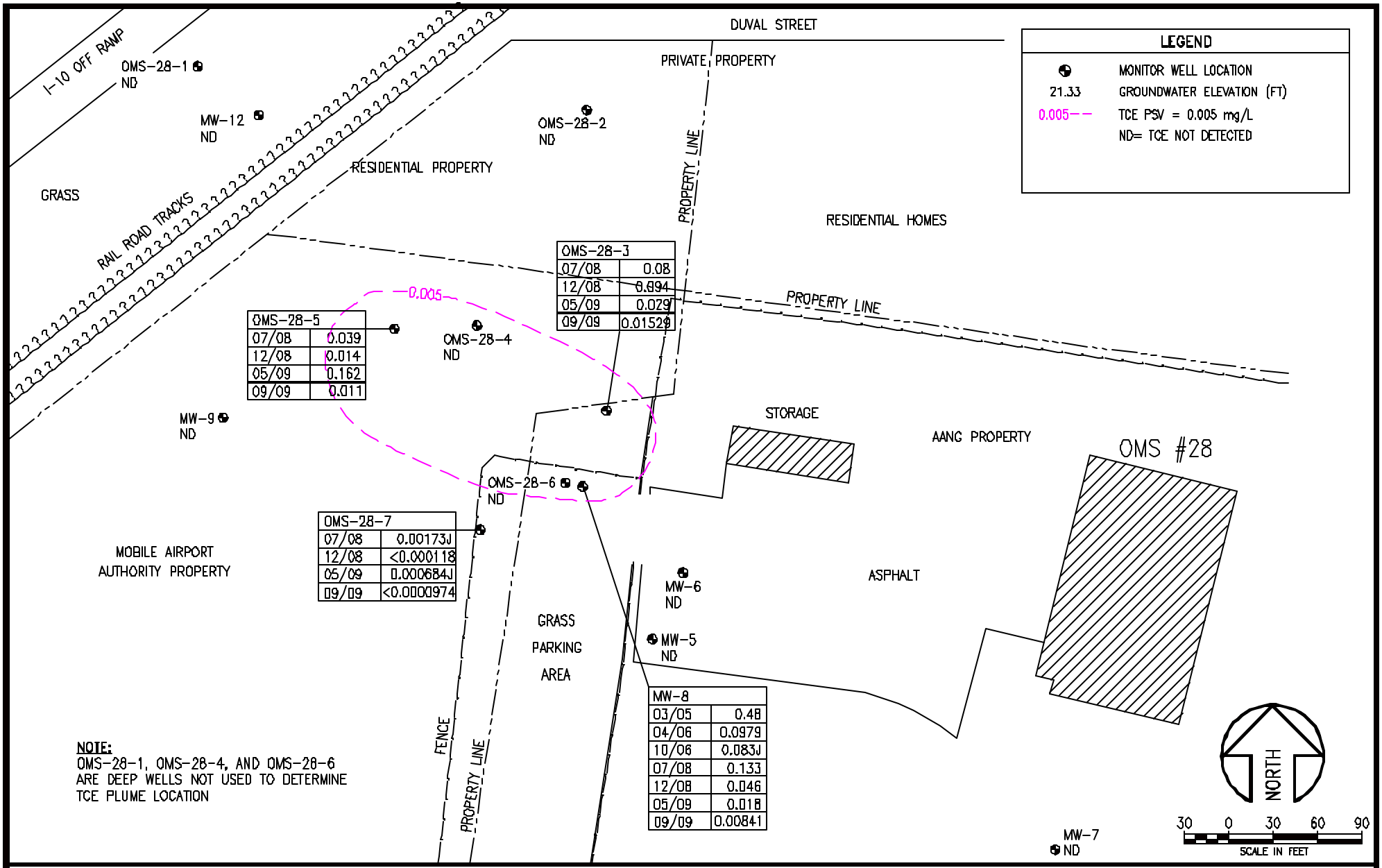


FIGURE 4C - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, SEPTEMBER 2009

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05
DATE: NOVEMBER 2009
DRAWN BY: MILLS

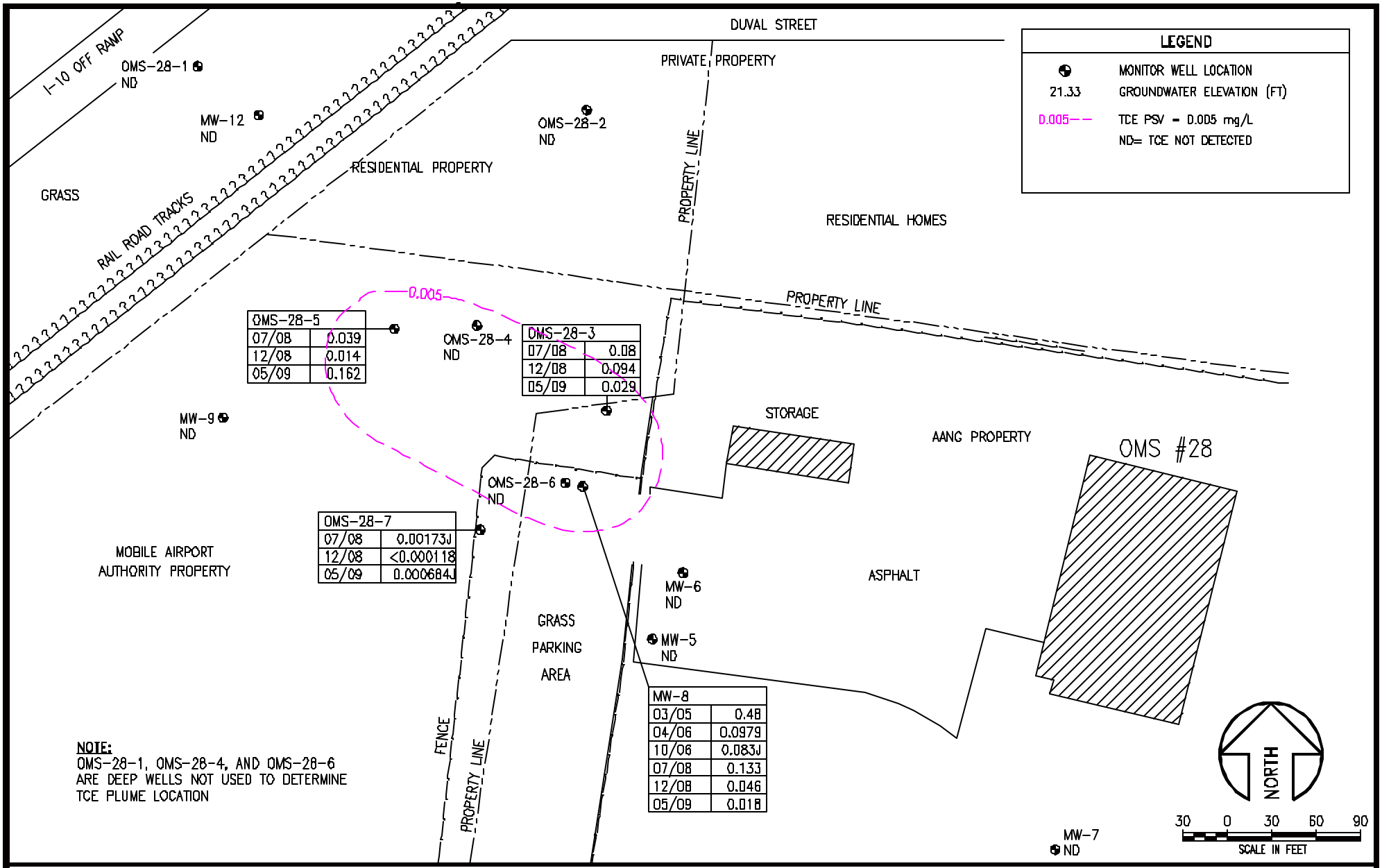


FIGURE 4D - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MAY 2009

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-07
DATE: MAY 2009
DRAWN BY: ESCHETE

APPENDIX A

Natural Attenuation Monitoring Report

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

Section 1 - Site Summary

Purpose of Monitoring:

[X] Plume Characterization

[ ] Confirmation Monitoring

[ ] Remediation by Natural Attenuation (Approved Corrective Action Plan)

Site Status:

[ ] Assessment Complete

[ ] ARBCA Evaluation Conducted

[ ] Active UST's

[ ] Site Classification

[ ] Free Product ever present

Number of Groundwater Monitoring Wells:

[ ] Piezometers

[9] Type II

[3] Type III

[ ] Other

Number of Water Supply Wells:

[0] Public (within 1 mile radius of site)

[0] Private (within 1000 foot radius of site)

[ ] Other (Explain) _____

Status of Waste Water Disposal:

[ ] Quantity (gallons)

[ ] Disposal Method

[ ] Stored On-site

[ ] 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:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
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	4.36
MW-6	1994	2.0	2.3	12.3	5.35
MW-8	1994	2.0	4.8	14.8	5.10
MW-9	2006	2.0	7.4	17.4	10.40
MW-12	2006	2.0	5.6	15.6	4.96
OMS-28-1	2008	2.0	70.0	80.0	22.16
OMS-28-2	2008	2.0	10.0	20.0	11.39
OMS-28-3	2008	2.0	10.0	20.0	8.38
OMS-28-4	2008	2.0	66.0	76.0	26.03
OMS-28-5	2008	2.0	10.0	20.0	10.75
OMS-28-6	2008	2.0	66.0	76.0	26.10
OMS-28-7	2008	2.0	10.0	20.0	8.21

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: 2010
Quarter: 2nd biannual
Reporting Period: 07/01/10 - 12/31/10
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
03/18/10	X										Sam Stuart	Aerostar	Geologist
09/07/10	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: 2010
Quarter: 2nd biannual
Reporting Period: 07/01/10 - 12/31/10
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
03/18/10	8260										Sam Stuart	Aerostar	Geologist
09/07/10	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.

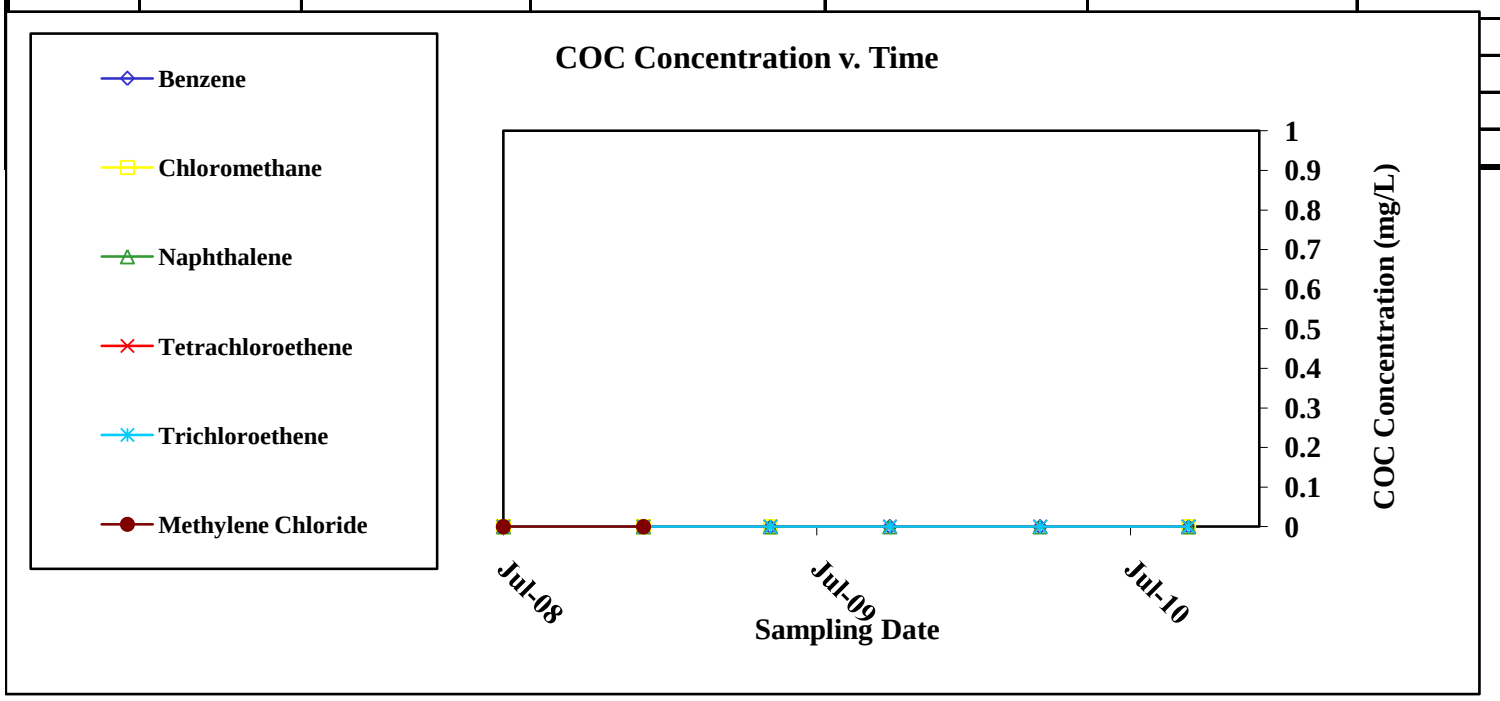
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	###
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/07/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

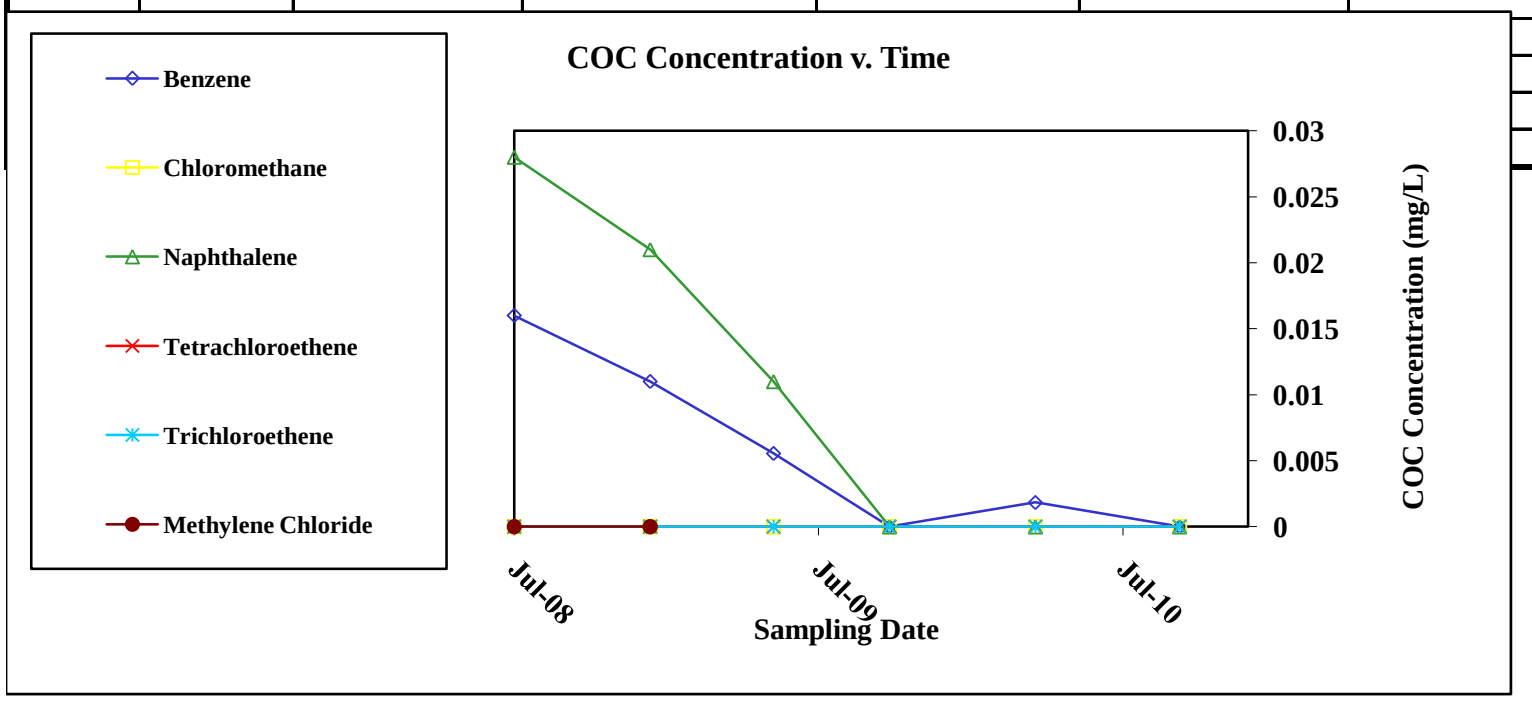
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.00184	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/07/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

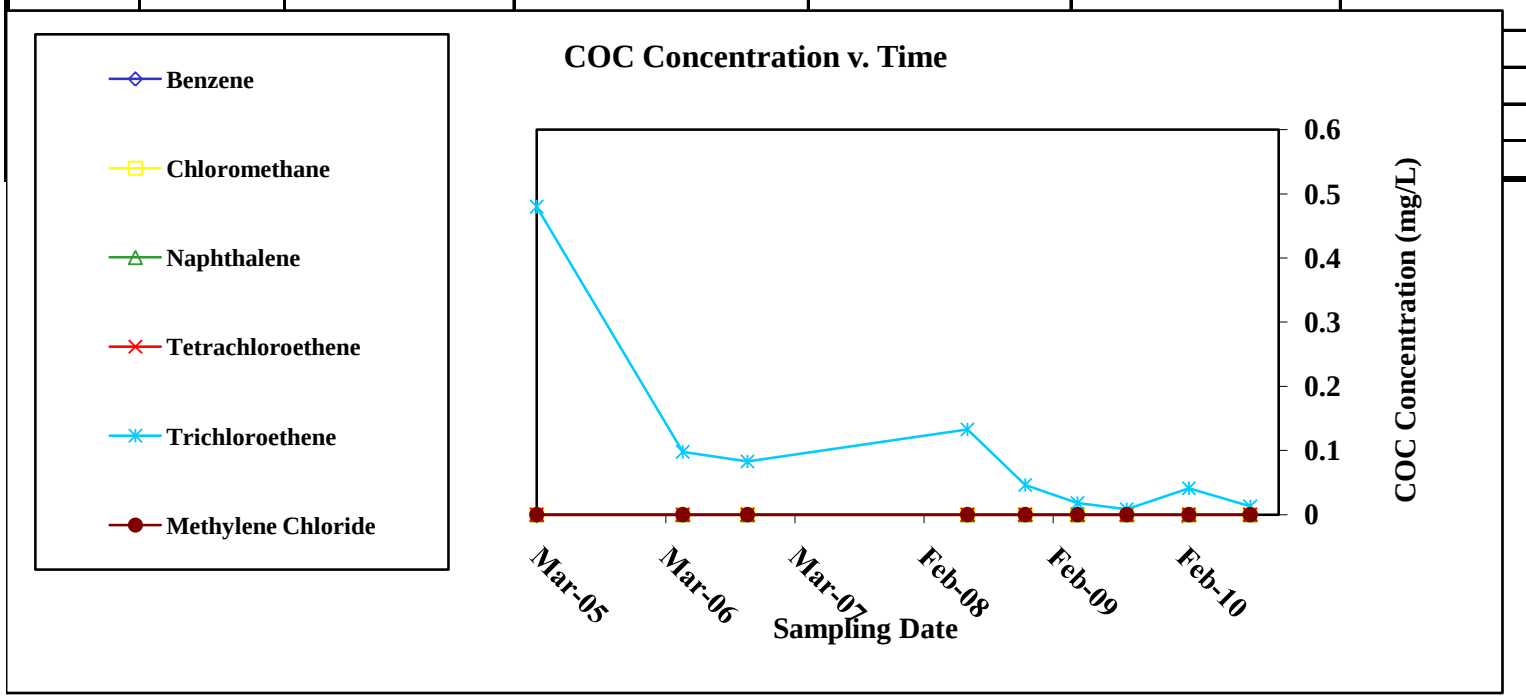
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/19/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.041	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.013	0.000327U



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

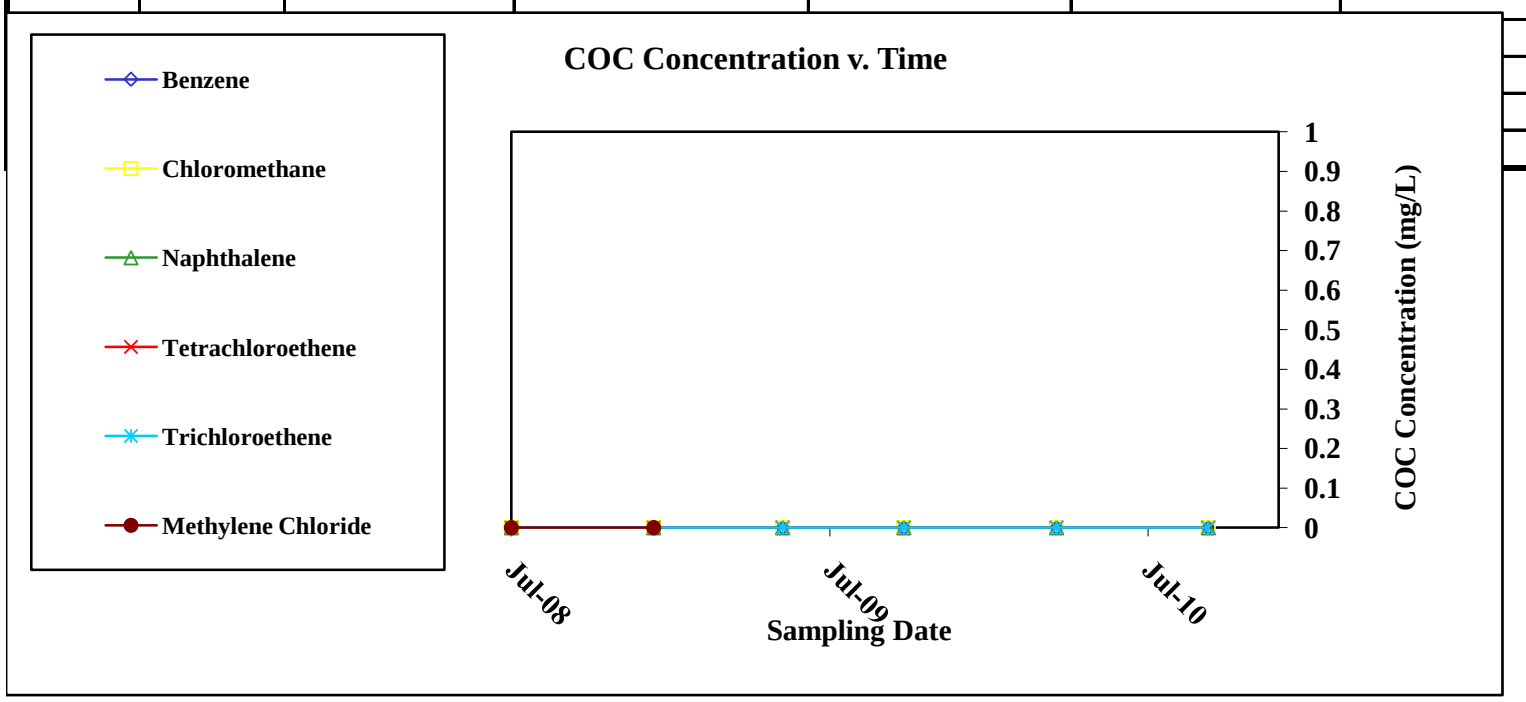
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

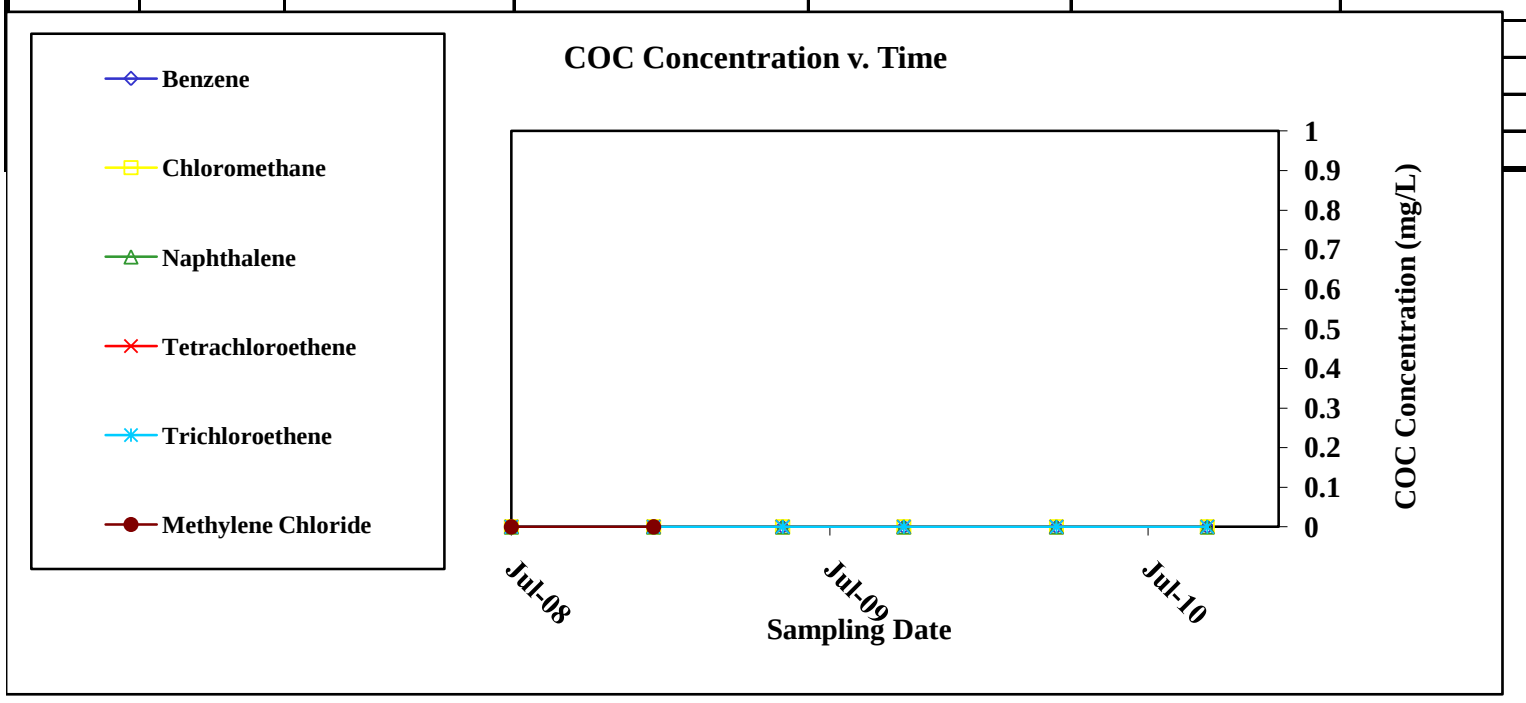
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/07/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

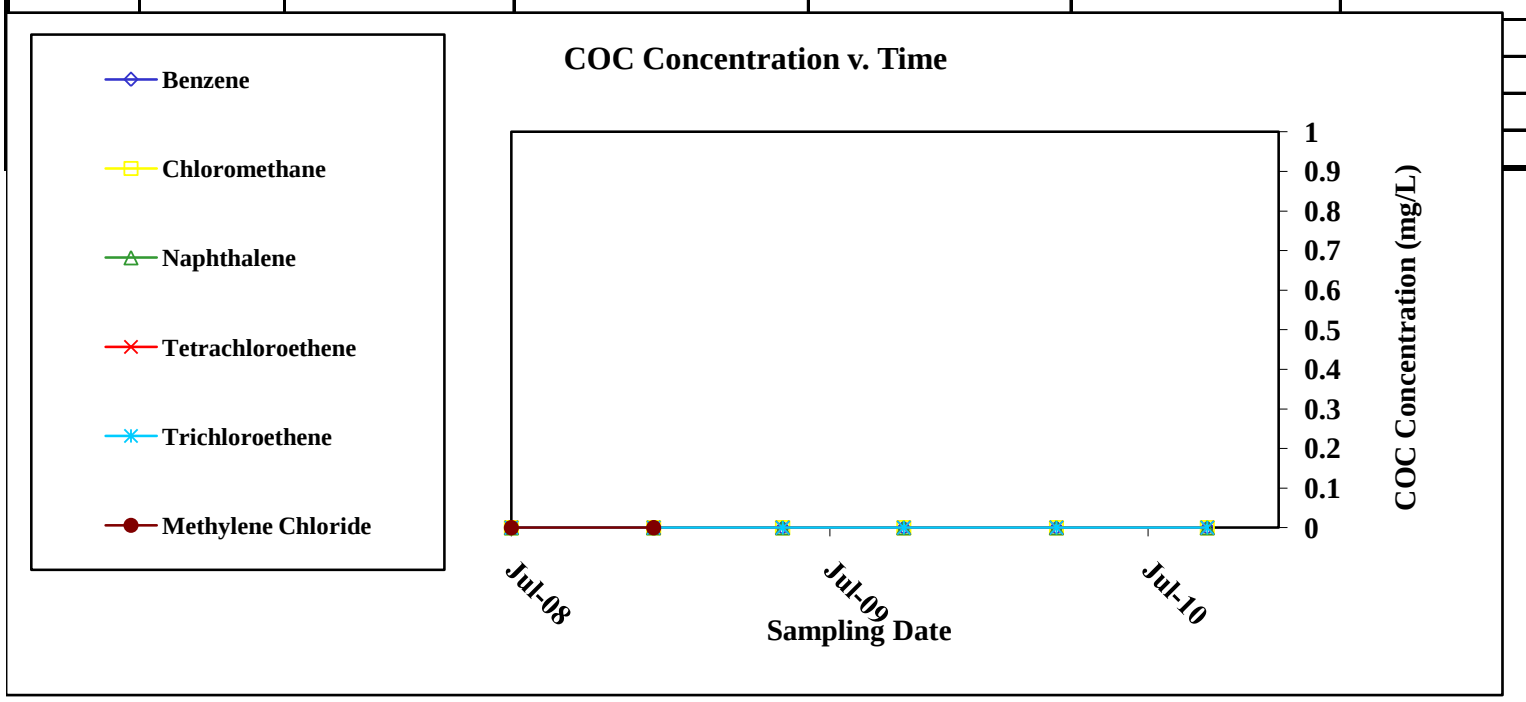
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/07/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

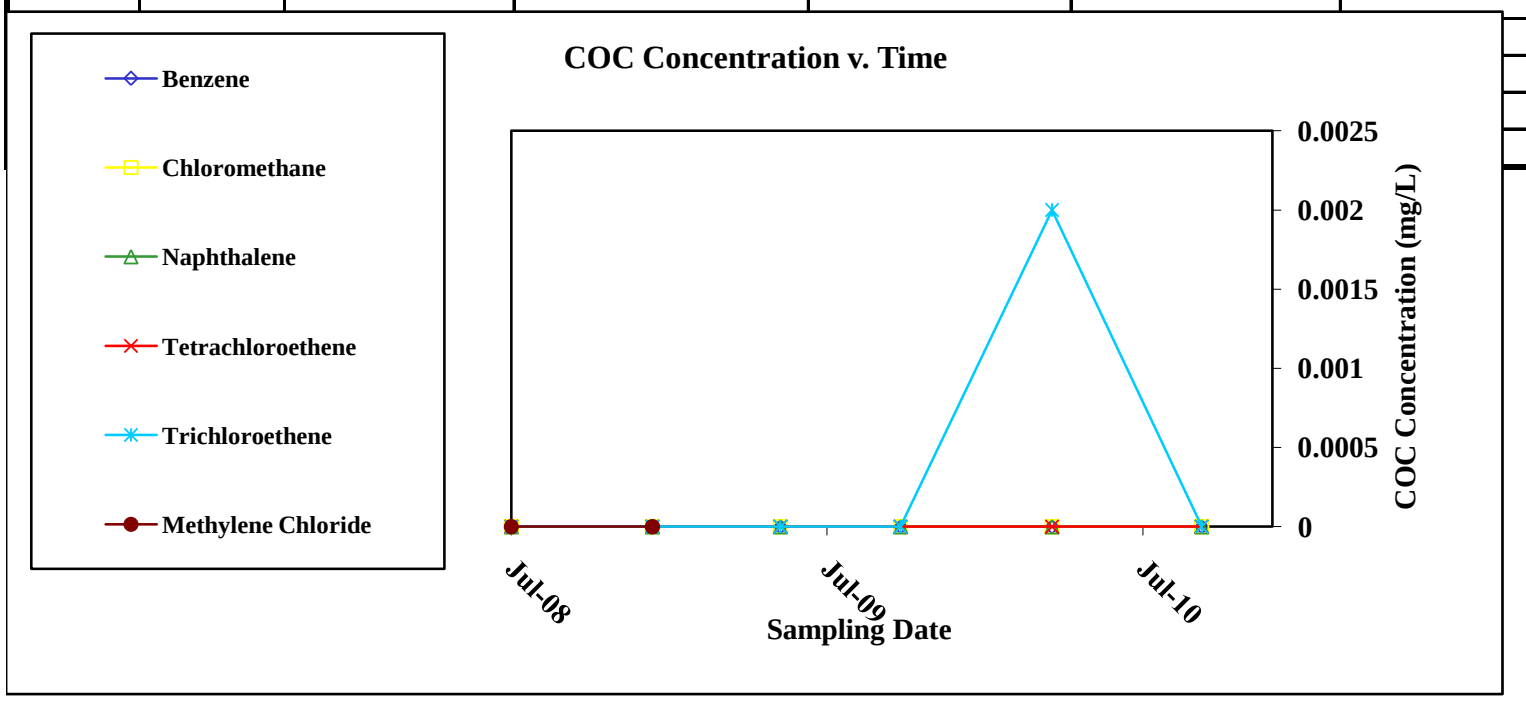
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.002	0.000327U
09/07/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

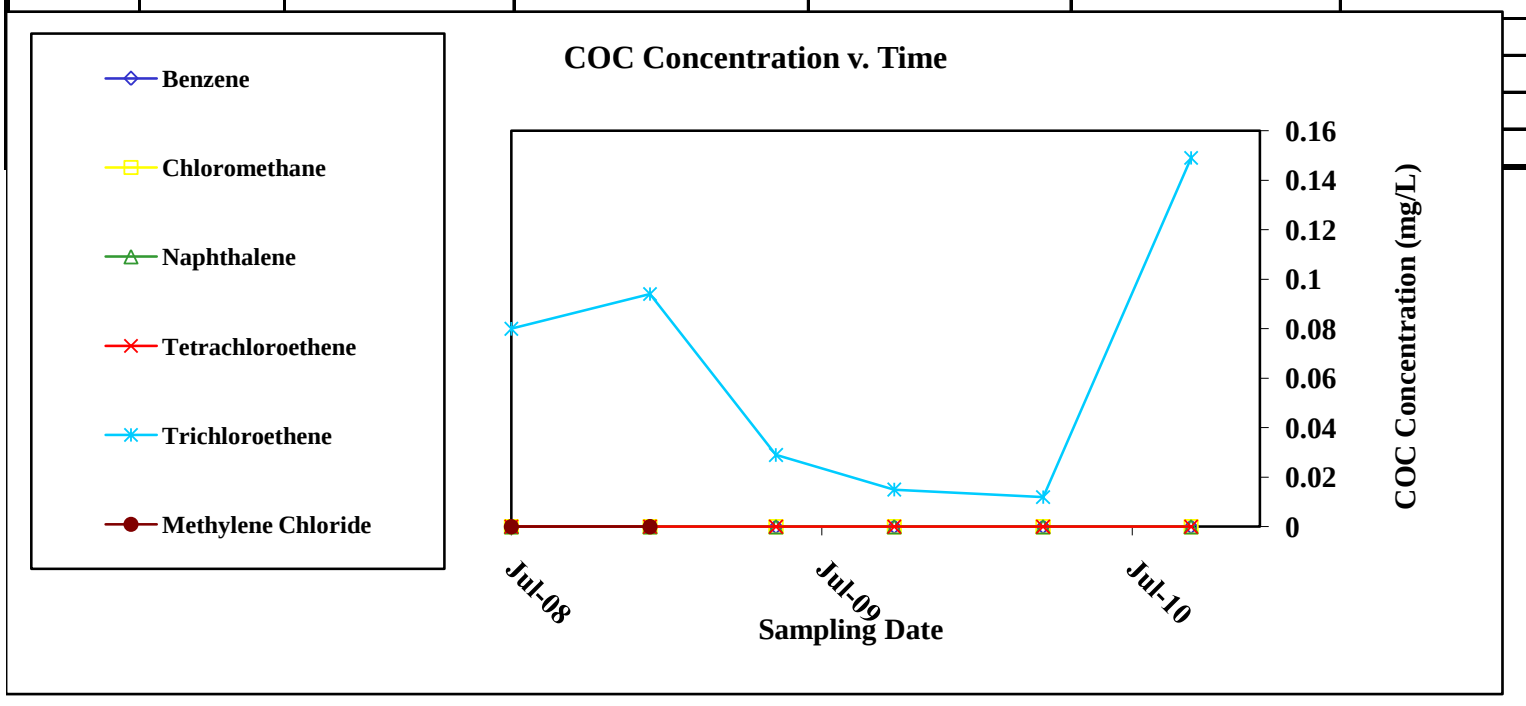
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.012	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.149	0.000327U



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

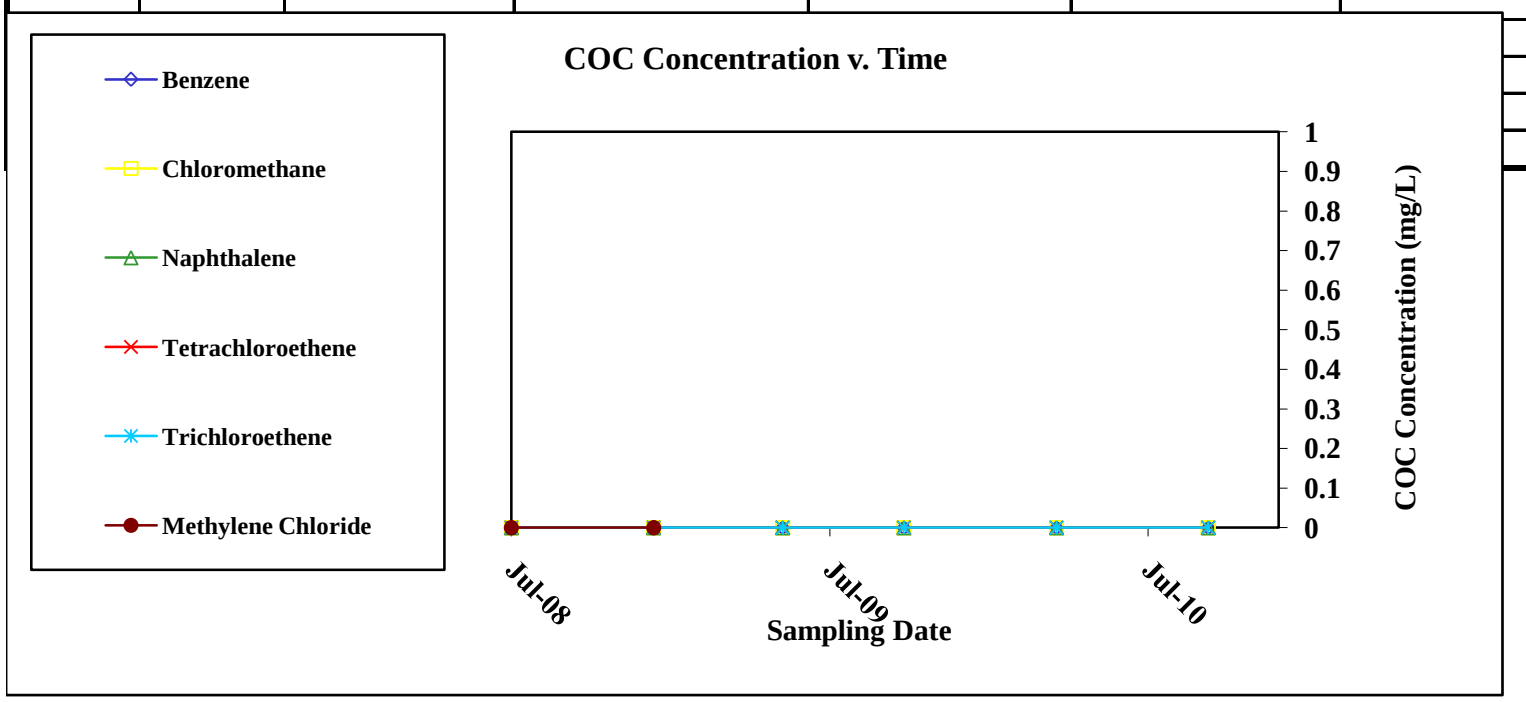
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

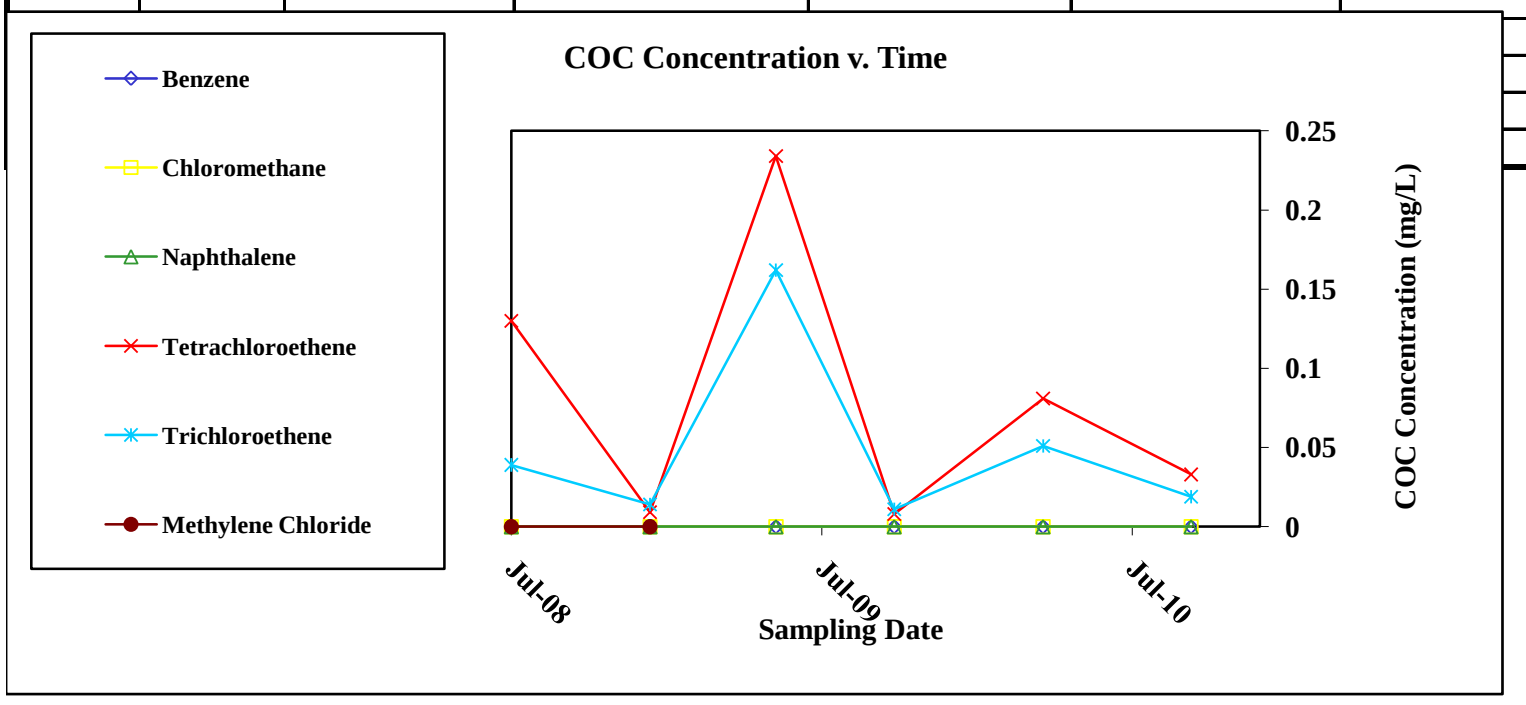
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.081	0.051	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.033	0.019	0.000327U



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

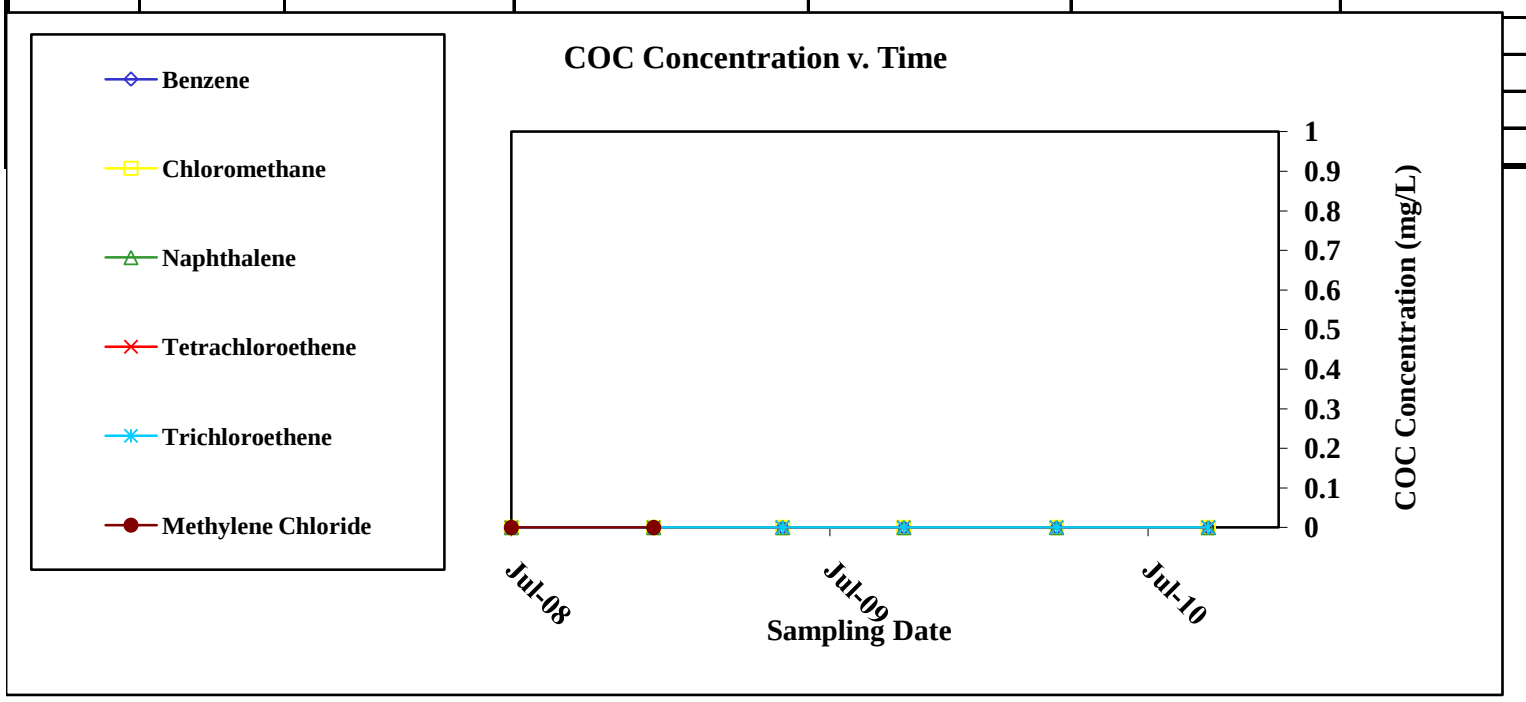
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

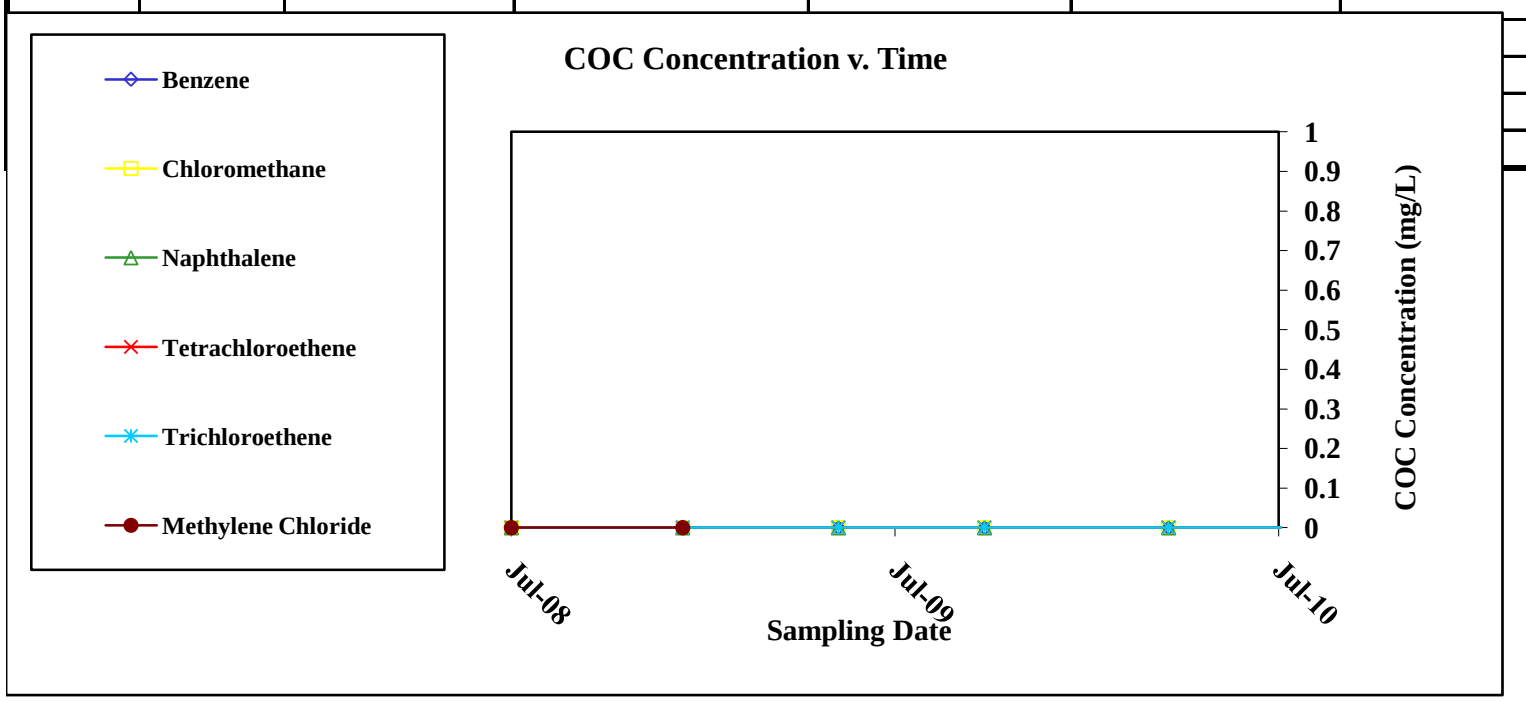
NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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	0.0000765U
12/11/08	0.0000649U	0.000101U	0.00428J	0.000153U	0.000118U	0.0000959U
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
03/18/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U
09/08/10	0.0000542U	0.0000886U	0.0000817U	0.000121U	0.0000618U	0.000327U



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

NATURAL ATTENUATION MONITORING REPORT

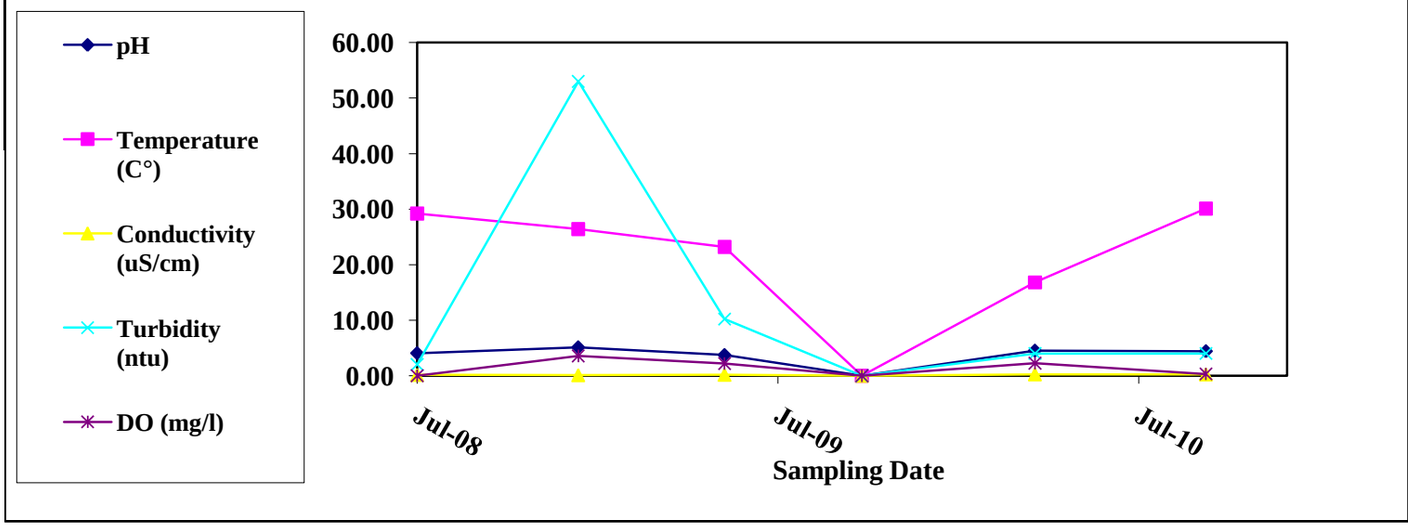
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	4.5	16.8	0.255	4	2.24
09/07/10	4.4	30.1	0.250	4	0.31



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

NATURAL ATTENUATION MONITORING REPORT

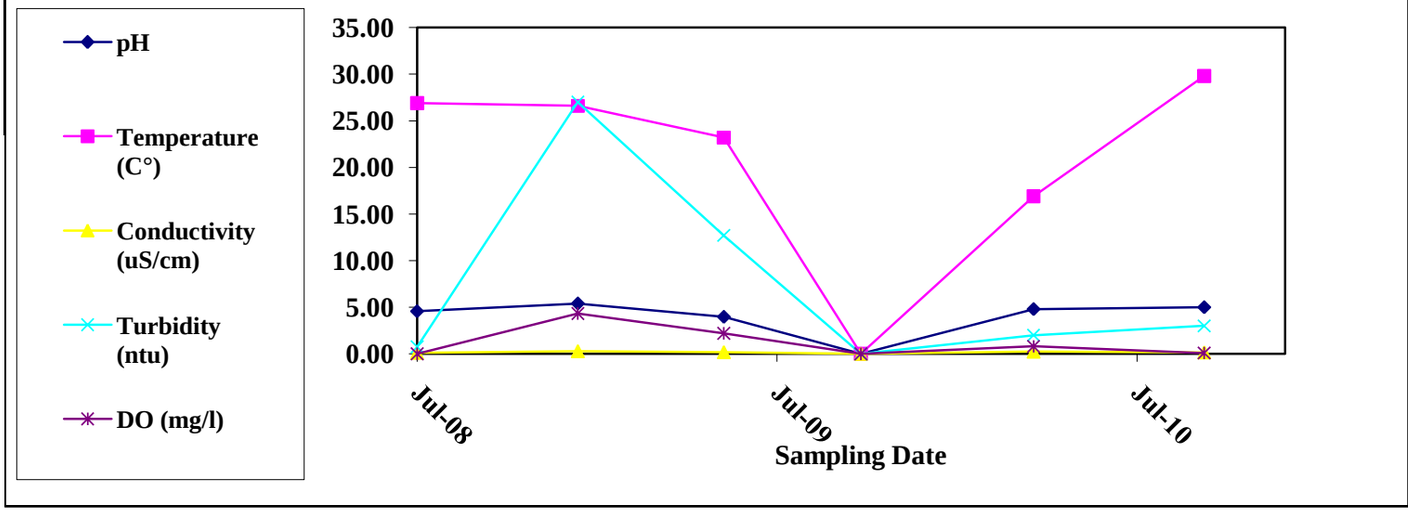
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	4.8	16.9	0.232	2	0.80
09/07/10	5.0	29.8	0.156	3	0.08



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

NATURAL ATTENUATION MONITORING REPORT

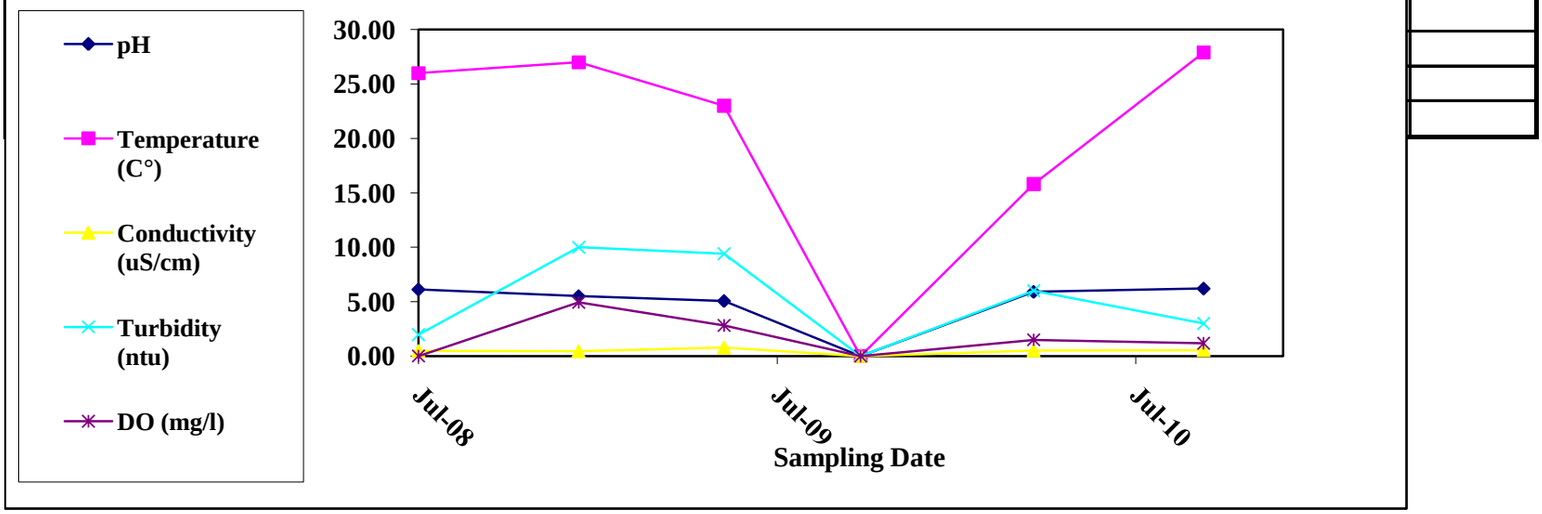
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/19/10	5.9	15.8	0.499	6	1.49
09/08/10	6.2	27.9	0.544	3	1.17



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

NATURAL ATTENUATION MONITORING REPORT

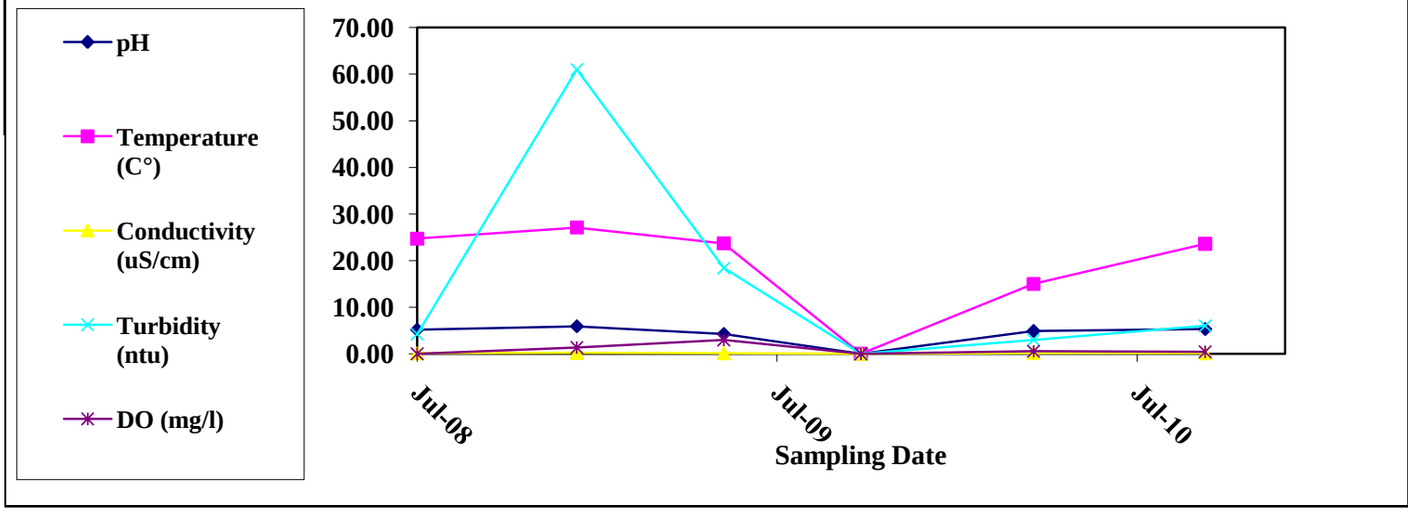
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	4.9	15.0	0.155	3	0.53
09/08/10	5.3	23.6	0.123	6	0.42



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

NATURAL ATTENUATION MONITORING REPORT

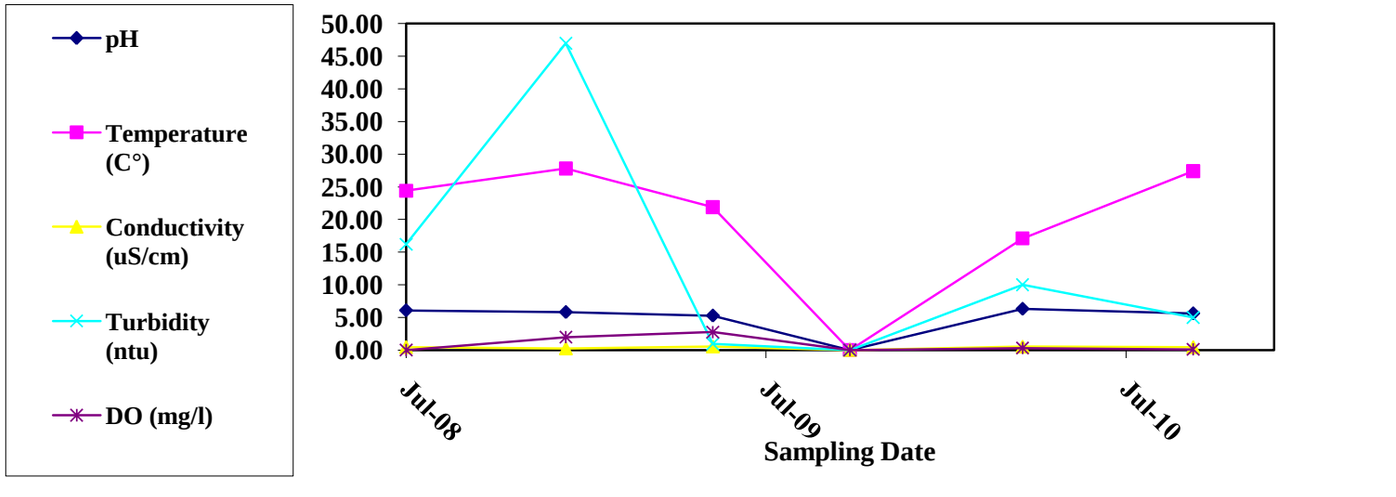
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	6.3	17.1	0.515	10	0.31
09/07/10	5.6	27.4	0.433	5	0.10



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

NATURAL ATTENUATION MONITORING REPORT

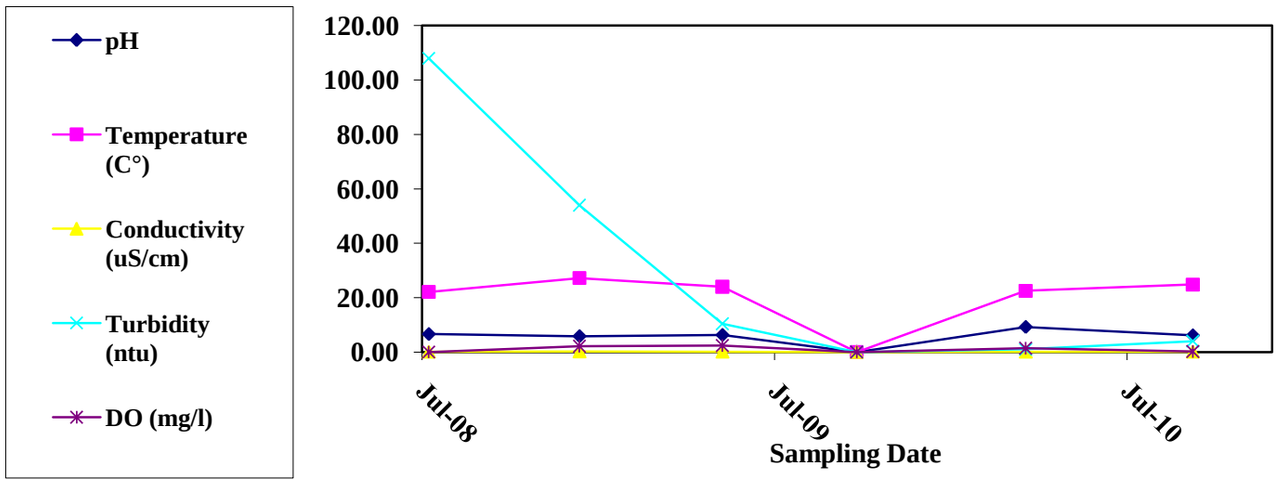
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	9.2	22.5	0.105	1	1.40
09/07/10	6.1	24.8	0.128	4	0.20



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

NATURAL ATTENUATION MONITORING REPORT

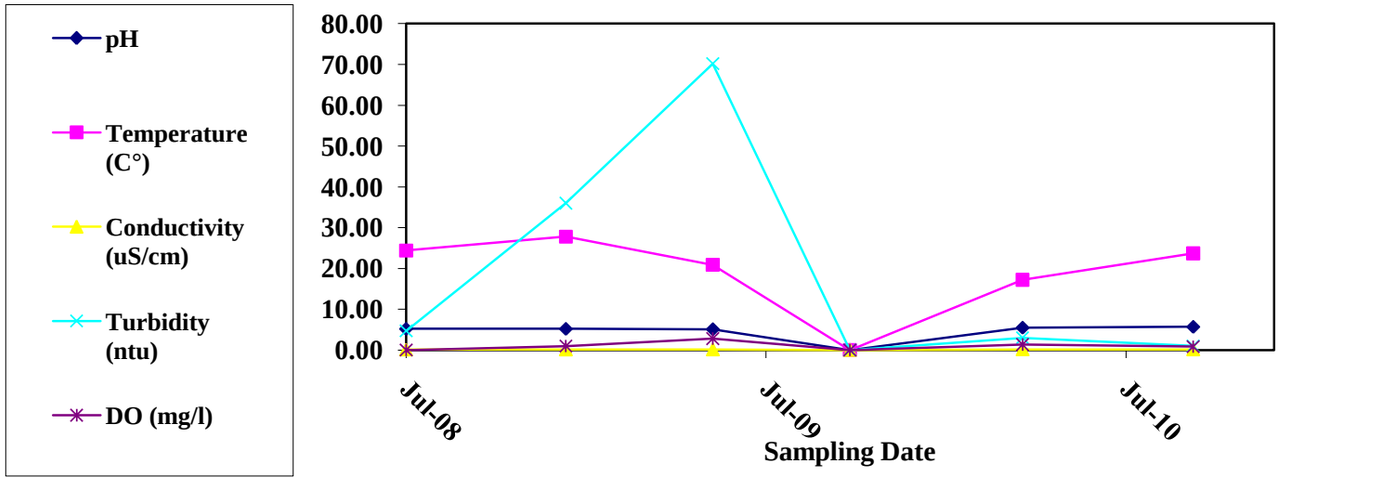
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	5.5	17.2	0.162	3	1.35
09/07/10	5.7	23.7	0.145	1	0.83



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

NATURAL ATTENUATION MONITORING REPORT

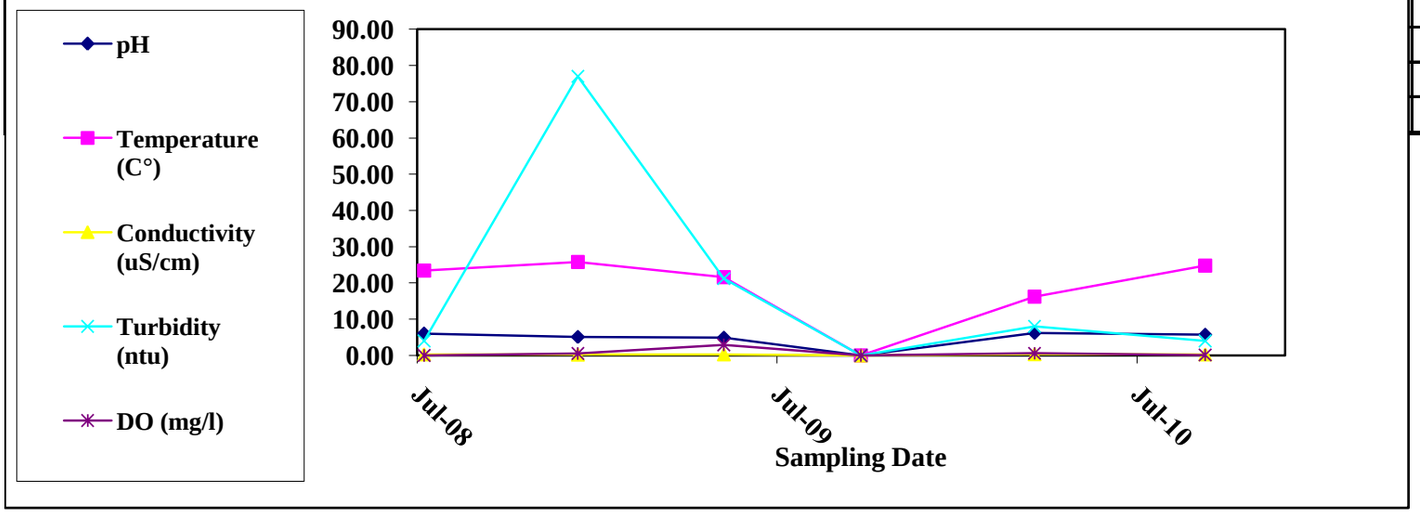
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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					
03/19/10	6.2	16.2	0.352	8	0.59					
09/08/10	5.7	24.8	0.293	4	0.11					



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

NATURAL ATTENUATION MONITORING REPORT

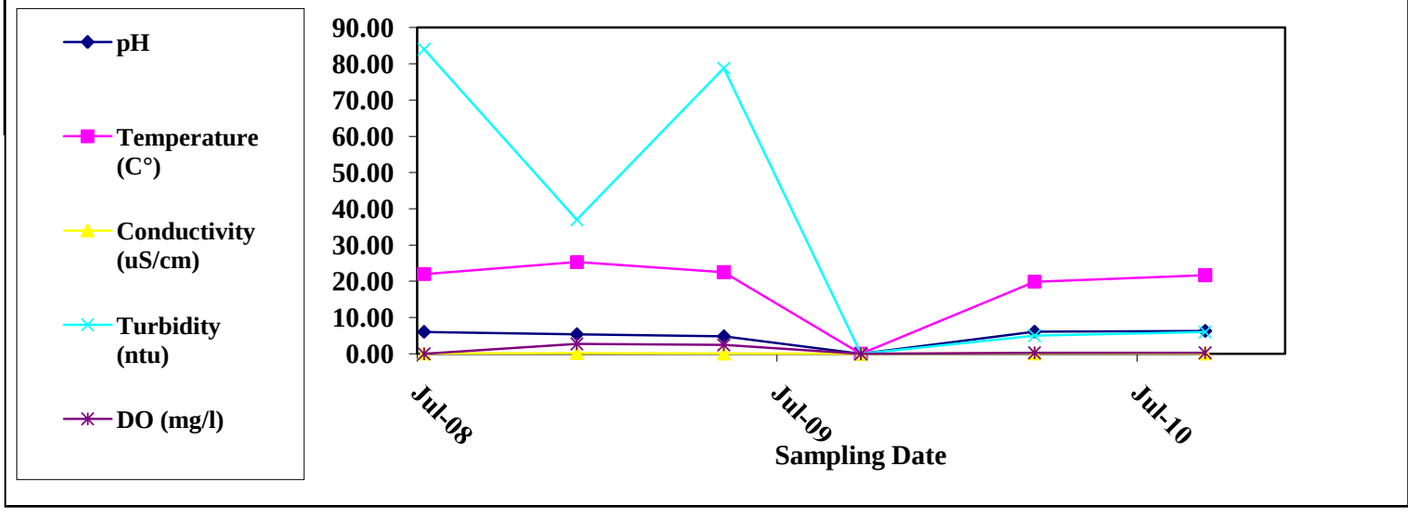
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/19/10	6.1	19.9	0.141	5	0.26
09/08/10	6.3	21.7	0.125	6	0.29



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

NATURAL ATTENUATION MONITORING REPORT

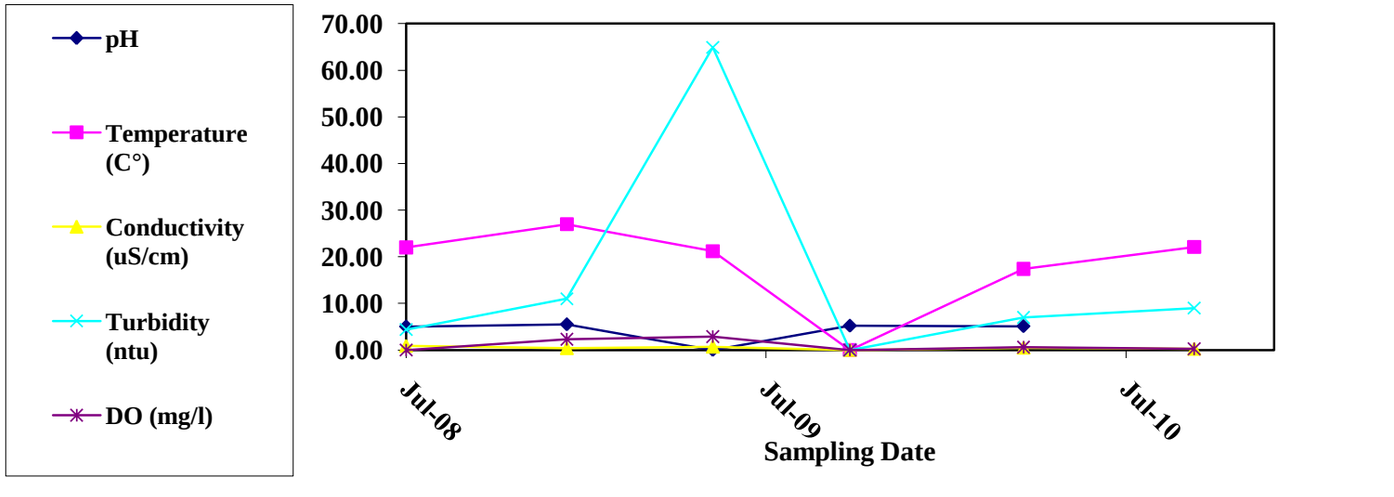
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/19/10	5.2	17.4	0.485	7	0.61
09/08/10	5.1	22.1	0.239	9	0.25



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

NATURAL ATTENUATION MONITORING REPORT

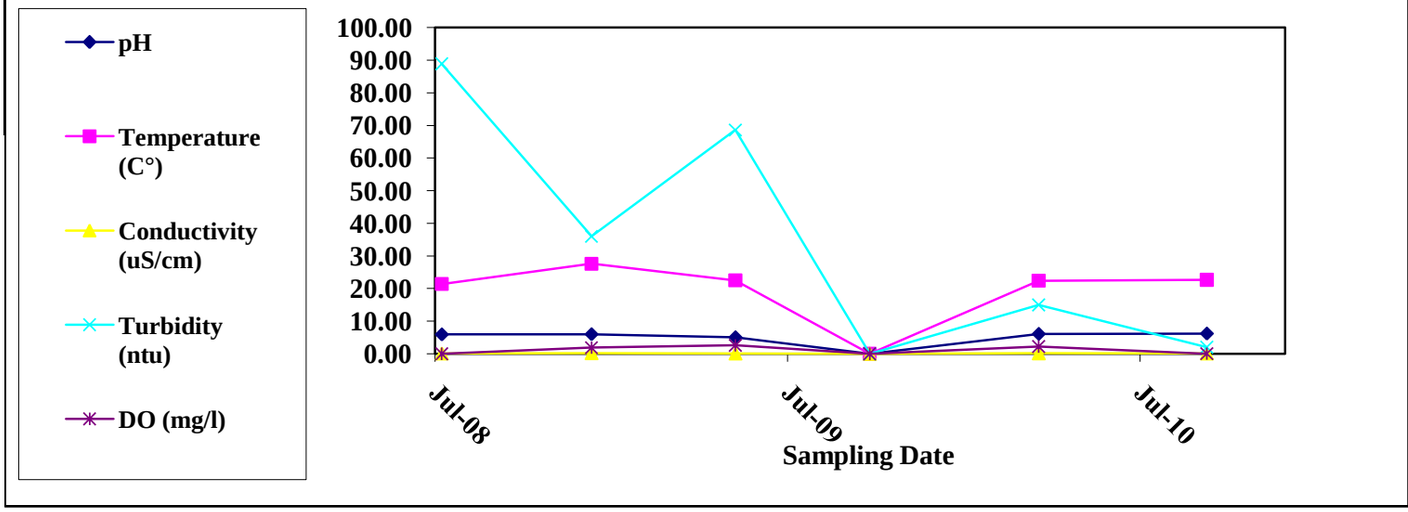
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	6.1	22.4	0.163	15	2.23
09/08/10	6.2	22.7	0.133	2	0.04



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

NATURAL ATTENUATION MONITORING REPORT

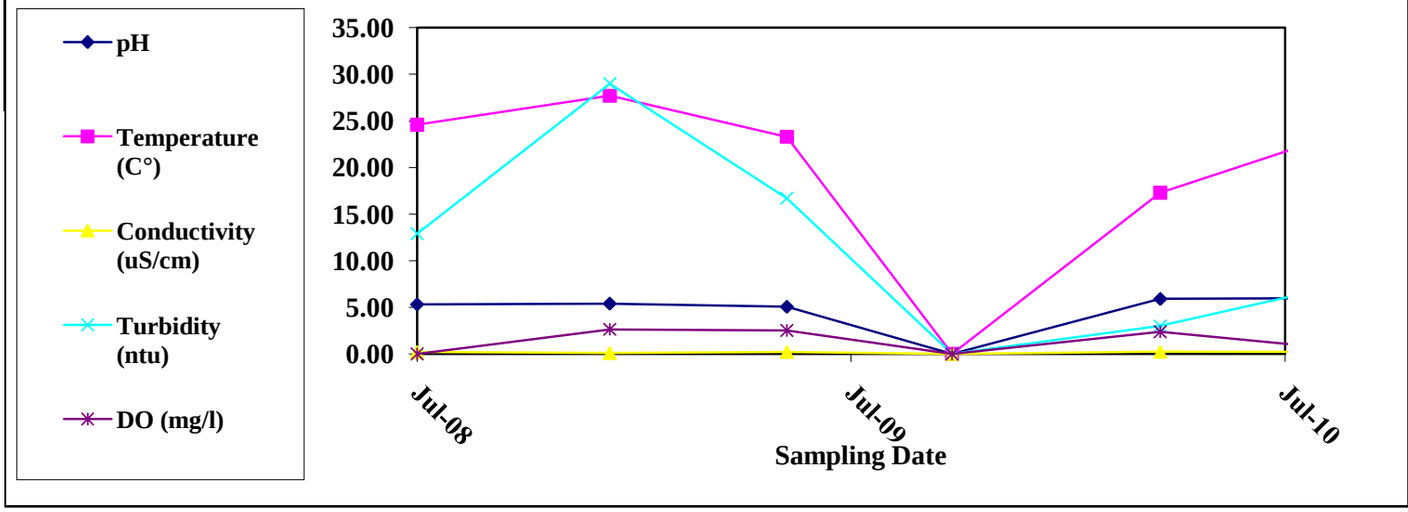
Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

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
03/18/10	5.9	17.3	0.237	3	2.38
09/08/10	6.0	24.6	0.225	8	0.24



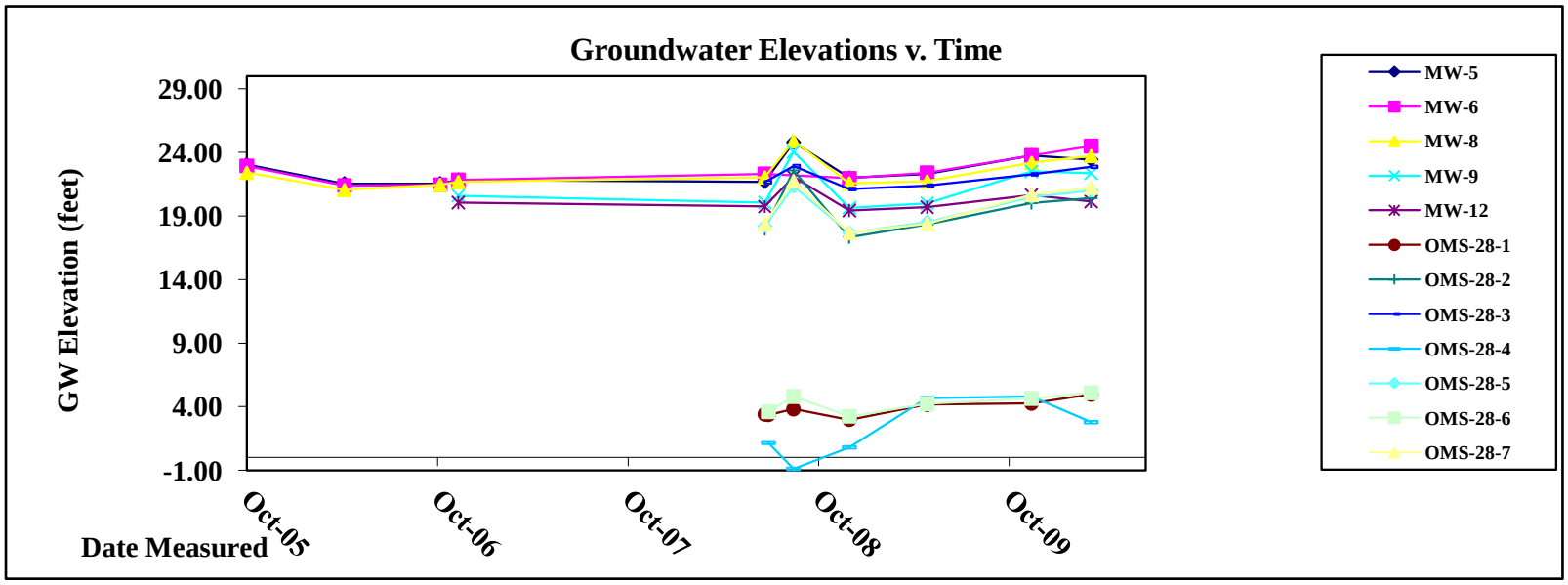
ATTACH SITE MAPS FOR THE THREE (3) MOST RECENT MONITORING EVENTS ILLUSTRATING THE DISTRIBUTION OF ALL RELEVANT INTRINSIC GROUNDWATER DATA.

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	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
03/18/10	23.42	24.49	23.73	22.36	20.14	4.96	20.39	22.85	2.78	21.00	5.10	21.24
09/08/10	23.78	22.80	23.14	17.05	20.98	4.10	19.49	22.32	1.96	19.37	4.21	19.35

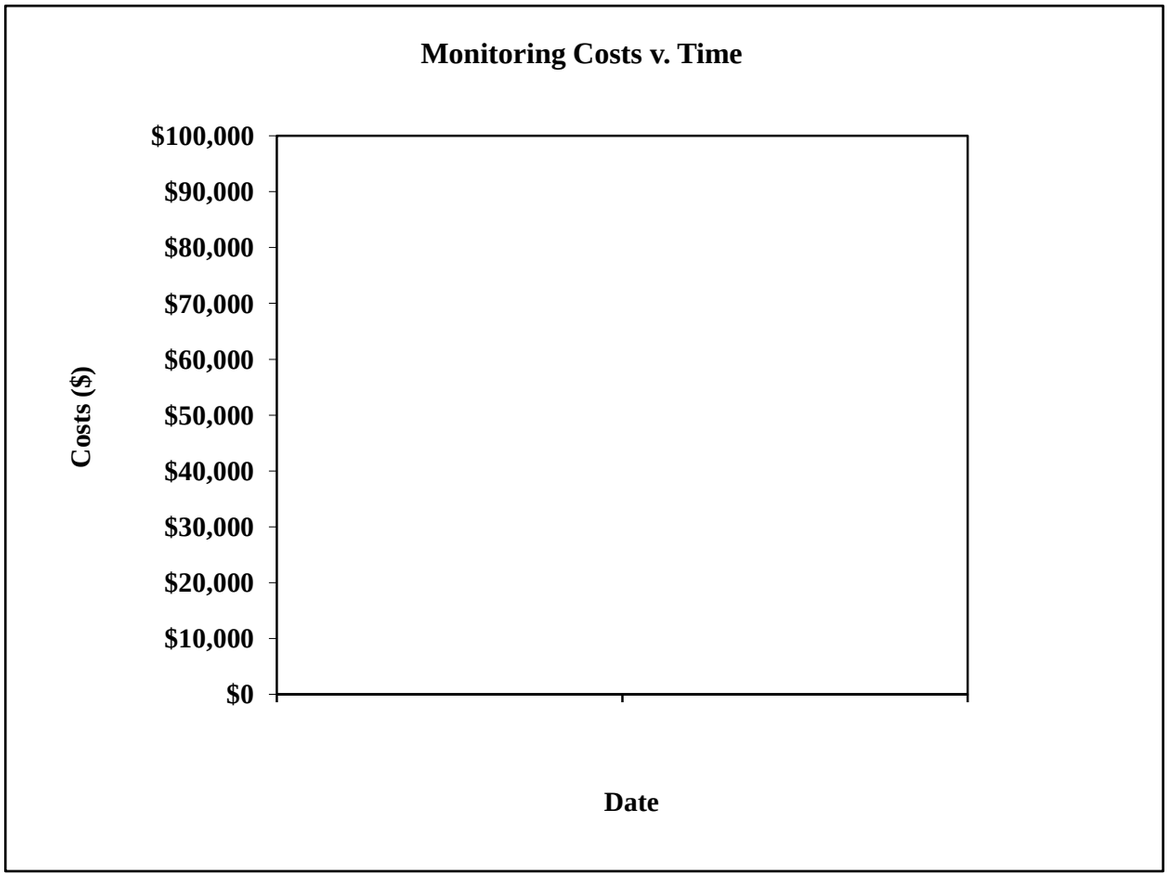


ATTACH THE THREE (3) MOST RECENT GROUNDWATER ELEVATION MAPS INDICATING THE DIRECTION OF GROUNDWATER FLOW. THE GROUNDWATER ELEVATION DATA MUST ALSO BE PRESENTED IN TABULAR FORM AND CORRECTED FOR FREE PRODUCT, IF PRESENT.

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	07/01/10 - 12/31/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

Section 9 - Monitoring Costs v. Time										
Date										
O & M										
Cumulative										



APPENDIX B

Laboratory Analytical Results

NELAP CERTIFICATE NUMBER 01955

To: Aerostar

Job ID: Aerostar - Brookley

Attn: Curtis Mills

GCAL Report 210091018

Report Date 10/04/2010

ANALYTICAL RESULTS BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue
Baton Rouge, LA 70820

Deliver To	Aerostar 803 Government St. Suite A Mobile, AL 36602
Attn	Curtis Mills

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101801	OMS-28-1	Water	09/07/2010 10:18	09/10/2010 09:30
21009101802	MW-12	Water	09/07/2010 11:03	09/10/2010 09:30
21009101803	MW-5	Water	09/07/2010 13:28	09/10/2010 09:30
21009101804	MW-6	Water	09/07/2010 14:04	09/10/2010 09:30
21009101805	OMS-28-2	Water	09/07/2010 15:53	09/10/2010 09:30
21009101806	RINSATE-1	Water	09/07/2010 16:10	09/10/2010 09:30
21009101807	OMS-28-3	Water	09/08/2010 10:13	09/10/2010 09:30
21009101808	OMS-28-4	Water	09/08/2010 13:05	09/10/2010 09:30
21009101809	OMS-28-5	Water	09/08/2010 13:52	09/10/2010 09:30
21009101810	MW-9	Water	09/08/2010 14:32	09/10/2010 09:30
21009101811	MW-8	Water	09/08/2010 15:20	09/10/2010 09:30
21009101812	OMS-28-6	Water	09/08/2010 17:03	09/10/2010 09:30
21009101813	OMS-28-7	Water	09/08/2010 17:32	09/10/2010 09:30
21009101814	DUP	Water	09/08/2010 00:00	09/10/2010 09:30
21009101815	RINSATE-2	Water	09/08/2010 17:40	09/10/2010 09:30

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101807	**OMS-28-3**	Water	09/08/2010 10:13	09/10/2010 09:30

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	**Trichloroethene**	**0.149**	**0.00500**	**0.0000618**	**mg/L**
156-59-2	**cis-1,2-Dichloroethene**	**0.00943**	**0.00500**	**0.0000613**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101809	**OMS-28-5**	Water	09/08/2010 13:52	09/10/2010 09:30

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	**Tetrachloroethene**	**0.033**	**0.00500**	**0.000121**	**mg/L**
79-01-6	**Trichloroethene**	**0.019**	**0.00500**	**0.0000618**	**mg/L**
156-59-2	**cis-1,2-Dichloroethene**	**0.00869**	**0.00500**	**0.0000613**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101811	**MW-8**	Water	09/08/2010 15:20	09/10/2010 09:30

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	**Trichloroethene**	**0.013**	**0.00500**	**0.0000618**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101814	**DUP**	Water	09/08/2010 00:00	09/10/2010 09:30

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	**Trichloroethene**	**0.013**	**0.00500**	**0.0000618**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101815	**RINSATE-2**	Water	09/08/2010 17:40	09/10/2010 09:30

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
75-15-0	**Carbon disulfide**	**0.000292J**	**0.00500**	**0.000143**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101801	**OMS-28-1**	Water	09/07/2010 10:18	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 16:53	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101801	**OMS-28-1**	Water	09/07/2010 10:18	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 16:53	CLH	442313

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	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	106	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
21009101802	**MW-12**	Water	09/07/2010 11:03	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 17:17	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101802	**MW-12**	Water	09/07/2010 11:03	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 17:17	CLH	442313

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	.049	mg/L	98	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	108	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101803	**MW-5**	Water	09/07/2010 13:28	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 17:40	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101803	**MW-5**	Water	09/07/2010 13:28	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 17:40	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	101	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	100	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	108	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
21009101804	**MW-6**	Water	09/07/2010 14:04	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:03	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101804	**MW-6**	Water	09/07/2010 14:04	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:03	CLH	442313

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	.052	mg/L	104	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.053	mg/L	107	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101805	**OMS-28-2**	Water	09/07/2010 15:53	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:26	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101805	**OMS-28-2**	Water	09/07/2010 15:53	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:26	CLH	442313

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	.052	mg/L	105	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	104	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101806	**RINSATE-1**	Water	09/07/2010 16:10	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:49	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101806	**RINSATE-1**	Water	09/07/2010 16:10	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:49	CLH	442313

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	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	109	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
21009101807	**OMS-28-3**	Water	09/08/2010 10:13	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:12	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	**Trichloroethene**	**0.149**	**0.00500**	**0.0000618**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00943**	**0.00500**	**0.0000613**	**mg/L**
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101807	**OMS-28-3**	Water	09/08/2010 10:13	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:12	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	104	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	109	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
21009101808	**OMS-28-4**	Water	09/08/2010 13:05	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:36	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101808	**OMS-28-4**	Water	09/08/2010 13:05	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:36	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	103	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	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
21009101809	**OMS-28-5**	Water	09/08/2010 13:52	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:59	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	**Tetrachloroethene**	**0.033**	**0.00500**	**0.000121**	**mg/L**
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	**Trichloroethene**	**0.019**	**0.00500**	**0.0000618**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00869**	**0.00500**	**0.0000613**	**mg/L**
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101809	**OMS-28-5**	Water	09/08/2010 13:52	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 19:59	CLH	442313

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	.052	mg/L	103	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	105	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
21009101810	**MW-9**	Water	09/08/2010 14:32	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 20:22	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101810	**MW-9**	Water	09/08/2010 14:32	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 20:22	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	104	75 - 120
1868-53-7	Dibromofluoromethane	.05	.054	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	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
21009101811	**MW-8**	Water	09/08/2010 15:20	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 20:45	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	**Trichloroethene**	**0.013**	**0.00500**	**0.0000618**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101811	**MW-8**	Water	09/08/2010 15:20	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 20:45	CLH	442313

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	.049	mg/L	98	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	103	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101812	**OMS-28-6**	Water	09/08/2010 17:03	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:08	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101812	**OMS-28-6**	Water	09/08/2010 17:03	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:08	CLH	442313

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	.053	mg/L	106	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	104	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101813	**OMS-28-7**	Water	09/08/2010 17:32	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:32	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101813	**OMS-28-7**	Water	09/08/2010 17:32	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:32	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	103	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	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
21009101814	DUP	Water	09/08/2010 00:00	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:55	CLH	442313

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	Carbon disulfide	0.000143U	0.00500	0.000143	mg/L
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	**Trichloroethene**	**0.013**	**0.00500**	**0.0000618**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101814	DUP	Water	09/08/2010 00:00	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 21:55	CLH	442313

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	101	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	108	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	103	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101815	**RINSATE-2**	Water	09/08/2010 17:40	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:22	CLH	442257

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000106U	0.00500	0.000106	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.00500	0.0000728	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.00500	0.0000951	mg/L
75-34-3	1,1-Dichloroethane	0.0000305U	0.00500	0.0000305	mg/L
75-35-4	1,1-Dichloroethene	0.000164U	0.00500	0.000164	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.00500	0.000119	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.00500	0.0000823	mg/L
106-93-4	1,2-Dibromoethane	0.0000468U	0.00500	0.0000468	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.00500	0.0000789	mg/L
107-06-2	1,2-Dichloroethane	0.0000860U	0.00500	0.0000860	mg/L
78-87-5	1,2-Dichloropropane	0.0000641U	0.00500	0.0000641	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.00500	0.0000988	mg/L
106-46-7	1,4-Dichlorobenzene	0.000118U	0.00500	0.000118	mg/L
78-93-3	2-Butanone	0.0000933U	0.00500	0.0000933	mg/L
591-78-6	2-Hexanone	0.000503U	0.00500	0.000503	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.00500	0.0000654	mg/L
67-64-1	Acetone	0.00115U	0.025	0.00115	mg/L
71-43-2	Benzene	0.0000542U	0.00500	0.0000542	mg/L
75-27-4	Bromodichloromethane	0.0000531U	0.00500	0.0000531	mg/L
75-25-2	Bromoform	0.000104U	0.00500	0.000104	mg/L
74-83-9	Bromomethane	0.000264U	0.00500	0.000264	mg/L
75-15-0	**Carbon disulfide**	**0.000292J**	**0.00500**	**0.000143**	**mg/L**
56-23-5	Carbon tetrachloride	0.000148U	0.00500	0.000148	mg/L
108-90-7	Chlorobenzene	0.0000274U	0.00500	0.0000274	mg/L
75-00-3	Chloroethane	0.000351U	0.00500	0.000351	mg/L
67-66-3	Chloroform	0.0000565U	0.00500	0.0000565	mg/L
74-87-3	Chloromethane	0.0000886U	0.00500	0.0000886	mg/L
110-82-7	Cyclohexane	0.0000644U	0.00500	0.0000644	mg/L
124-48-1	Dibromochloromethane	0.0000407U	0.00500	0.0000407	mg/L
75-71-8	Dichlorodifluoromethane	0.0000960U	0.00500	0.0000960	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.00500	0.0000347	mg/L
79-20-9	Methyl Acetate	0.00142U	0.00500	0.00142	mg/L
108-87-2	Methylcyclohexane	0.0000722U	0.00500	0.0000722	mg/L
75-09-2	Methylene chloride	0.000327U	0.010	0.000327	mg/L
91-20-3	Naphthalene	0.0000817U	0.00500	0.0000817	mg/L
100-42-5	Styrene	0.0000507U	0.00500	0.0000507	mg/L
127-18-4	Tetrachloroethene	0.000121U	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.0000618U	0.00500	0.0000618	mg/L
75-69-4	Trichlorofluoromethane	0.000123U	0.00500	0.000123	mg/L
76-13-1	Trichlorotrifluoroethane	0.000127U	0.00500	0.000127	mg/L
75-01-4	Vinyl chloride	0.0000930U	0.00500	0.0000930	mg/L
1330-20-7	Xylene (total)	0.0000502U	0.010	0.0000502	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.00500	0.0000613	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.00500	0.0000517	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.00500	0.000107	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21009101815	**RINSATE-2**	Water	09/08/2010 17:40	09/10/2010 09:30

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/17/2010 18:22	CLH	442257

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	.049	mg/L	97	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	98	70 - 120

GC/MS Volatiles Quality Control Summary

Analytical Batch 442257	**Client ID**	MB442257			LCS442257			LCSD442257			
Prep Batch N/A	**GCAL ID**	880284			880285			880286			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	09/17/2010 18:02			09/17/2010 16:27			09/17/2010 16:47			
	Matrix	Water			Water			Water			
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.00115U	0.00115	0.050	0.051	101	40 - 140	0.052	103	2	30
75-27-4	Bromodichloromethane	0.0000531U	0.0000531	0.050	0.048	95	75 - 120	0.048	95	0	30
75-25-2	Bromoform	0.000104U	0.000104	0.050	0.047	94	70 - 130	0.048	95	2	30
74-83-9	Bromomethane	0.000264U	0.000264	0.050	0.045	89	30 - 145	0.045	90	0	30
75-15-0	Carbon disulfide	0.000143U	0.000143	0.050	0.049	99	35 - 160	0.048	97	2	30
56-23-5	Carbon tetrachloride	0.000148U	0.000148	0.050	0.051	102	65 - 140	0.050	101	2	30
75-00-3	Chloroethane	0.000351U	0.000351	0.050	0.052	104	60 - 135	0.050	100	4	30
67-66-3	Chloroform	0.0000565U	0.0000565	0.050	0.044	89	65 - 135	0.046	92	4	30
74-87-3	Chloromethane	0.0000886U	0.0000886	0.050	0.044	89	40 - 125	0.046	91	4	30
124-48-1	Dibromochloromethane	0.0000407U	0.0000407	0.050	0.052	103	60 - 135	0.052	103	0	30
75-71-8	Dichlorodifluoromethane	0.0000960U	0.0000960	0.050	0.049	98	30 - 155	0.048	96	2	30
75-34-3	1,1-Dichloroethane	0.0000305U	0.0000305	0.050	0.047	94	70 - 135	0.048	95	2	30
107-06-2	1,2-Dichloroethane	0.0000860U	0.0000860	0.050	0.043	86	70 - 130	0.043	86	0	30
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.0000613	0.050	0.046	92	70 - 125	0.046	92	0	30
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.000107	0.050	0.047	94	60 - 140	0.046	93	2	30
75-09-2	Methylene chloride	0.000327U	0.000327	0.050	0.050	99	55 - 140	0.050	100	0	30
78-87-5	1,2-Dichloropropane	0.0000641U	0.0000641	0.050	0.049	97	75 - 125	0.049	98	0	30
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.0000312	0.050	0.052	104	70 - 130	0.053	105	2	30
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.0000542	0.050	0.051	102	55 - 140	0.053	105	4	30
100-41-4	Ethylbenzene	0.0000627U	0.0000627	0.050	0.051	102	75 - 125	0.050	101	2	30
591-78-6	2-Hexanone	0.000503U	0.000503	0.050	0.051	101	55 - 130	0.051	103	0	30
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.0000347	0.050	0.055	110	75 - 125	0.054	108	2	30
78-93-3	2-Butanone	0.0000933U	0.0000933	0.050	0.052	104	30 - 150	0.051	102	2	30
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.0000654	0.050	0.048	95	60 - 135	0.050	99	4	30
100-42-5	Styrene	0.0000507U	0.0000507	0.050	0.055	109	65 - 135	0.054	108	2	30
127-18-4	Tetrachloroethene	0.000121U	0.000121	0.050	0.050	99	45 - 150	0.050	100	0	30
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.0000728	0.050	0.051	101	65 - 130	0.052	103	2	30
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.000119	0.050	0.046	92	65 - 135	0.048	95	4	30
71-55-6	1,1,1-Trichloroethane	0.000106U	0.000106	0.050	0.048	95	65 - 130	0.047	95	2	30
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.0000951	0.050	0.052	103	75 - 125	0.054	107	4	30
75-69-4	Trichlorofluoromethane	0.000123U	0.000123	0.050	0.047	94	60 - 145	0.046	91	2	30
75-01-4	Vinyl chloride	0.0000930U	0.0000930	0.050	0.047	93	50 - 145	0.046	92	2	30
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.0000823	0.050	0.045	89	50 - 130	0.047	94	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	442257	**Client ID**	MB442257			LCS442257				LCSD442257		
Prep Batch	N/A	**GCAL ID**	880284			880285				880286		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	09/17/2010 18:02			09/17/2010 16:27				09/17/2010 16:47		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**	
106-93-4	1,2-Dibromoethane	0.0000468U	0.0000468	0.050	0.051	101	80 - 120	0.051	102	0	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.0000517	0.050	0.050	100	65 - 125	0.052	104	4	30	
1330-20-7	Xylene (total)	0.0000502U	0.0000502	0.150	0.160	107	75 - 130	0.158	105	1	30	
108-87-2	Methylcyclohexane	0.0000722U	0.0000722	0.050	0.050	101	77 - 123	0.050	100	0	30	
110-82-7	Cyclohexane	0.0000644U	0.0000644	0.050	0.051	102	71 - 127	0.051	102	0	30	
79-20-9	Methyl Acetate	0.00142U	0.00142	0.050	0.047	93	55 - 134	0.049	97	4	30	
76-13-1	Trichlorotrifluoroethane	0.000127U	0.000127	0.050	0.049	99	72 - 130	0.050	99	2	30	
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.0000988	0.050	0.049	97	65 - 130	0.050	99	2	30	
106-46-7	1,4-Dichlorobenzene	0.000118U	0.000118	0.050	0.049	98	65 - 130	0.049	99	0	30	
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.0000789	0.050	0.049	97	70 - 120	0.049	99	0	30	
91-20-3	Naphthalene	0.0000817U	0.0000817	0.050	0.045	89	55 - 140	0.047	94	4	30	
75-35-4	1,1-Dichloroethene	0.000164U	0.000164	0.050	0.048	97	70 - 130	0.047	95	2	30	
71-43-2	Benzene	0.0000542U	0.0000542	0.050	0.048	96	80 - 120	0.048	96	0	30	
79-01-6	Trichloroethene	0.0000618U	0.0000618	0.050	0.048	95	70 - 125	0.048	96	0	30	
108-88-3	Toluene	0.0000590U	0.0000590	0.050	0.049	98	75 - 120	0.049	97	0	30	
108-90-7	Chlorobenzene	0.0000274U	0.0000274	0.050	0.047	93	80 - 120	0.047	95	0	30	
Surrogate												
460-00-4	4-Bromofluorobenzene	51.2	102	50	52.1	104	75 - 120	51.4	103			
1868-53-7	Dibromofluoromethane	47.4	95	50	50.1	100	85 - 115	49.7	99			
2037-26-5	Toluene d8	53.4	107	50	51.5	103	85 - 120	50.7	101			
17060-07-0	1,2-Dichloroethane-d4	47.4	95	50	47.6	95	70 - 120	46.4	93			

Analytical Batch	442313	**Client ID**	MB442313			LCS442313				LCSD442313		
Prep Batch	N/A	**GCAL ID**	880439			880440				880441		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	09/17/2010 16:30			09/17/2010 15:21				09/17/2010 15:44		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**	
67-64-1	Acetone	0.00115U	0.00115	0.050	0.044	88	40 - 140	0.046	92	4	30	
75-27-4	Bromodichloromethane	0.0000531U	0.0000531	0.050	0.052	103	75 - 120	0.051	102	2	30	
75-25-2	Bromoform	0.000104U	0.000104	0.050	0.047	94	70 - 130	0.049	98	4	30	

GC/MS Volatiles Quality Control Summary

Analytical Batch 442313	**Client ID**	MB442313			LCS442313			LCSD442313			
Prep Batch N/A	**GCAL ID**	880439			880440			880441			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	09/17/2010 16:30			09/17/2010 15:21			09/17/2010 15:44			
	Matrix	Water			Water			Water			
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-83-9	Bromomethane	0.000264U	0.000264	0.050	0.053	105	30 - 145	0.054	108	2	30
75-15-0	Carbon disulfide	0.000143U	0.000143	0.050	0.052	104	35 - 160	0.051	102	2	30
56-23-5	Carbon tetrachloride	0.000148U	0.000148	0.050	0.052	105	65 - 140	0.053	106	2	30
75-00-3	Chloroethane	0.000351U	0.000351	0.050	0.048	95	60 - 135	0.046	92	4	30
67-66-3	Chloroform	0.0000565U	0.0000565	0.050	0.049	98	65 - 135	0.049	98	0	30
74-87-3	Chloromethane	0.0000886U	0.0000886	0.050	0.050	99	40 - 125	0.050	99	0	30
124-48-1	Dibromochloromethane	0.0000407U	0.0000407	0.050	0.051	101	60 - 135	0.052	105	2	30
75-71-8	Dichlorodifluoromethane	0.0000960U	0.0000960	0.050	0.051	102	30 - 155	0.050	100	2	30
75-34-3	1,1-Dichloroethane	0.0000305U	0.0000305	0.050	0.052	104	70 - 135	0.051	102	2	30
107-06-2	1,2-Dichloroethane	0.0000860U	0.0000860	0.050	0.051	101	70 - 130	0.049	99	4	30
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.0000613	0.050	0.049	98	70 - 125	0.048	97	2	30
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.000107	0.050	0.048	97	60 - 140	0.049	98	2	30
75-09-2	Methylene chloride	0.000327U	0.000327	0.050	0.048	95	55 - 140	0.046	93	4	30
78-87-5	1,2-Dichloropropane	0.0000641U	0.0000641	0.050	0.050	99	75 - 125	0.050	99	0	30
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.0000312	0.050	0.049	98	70 - 130	0.050	100	2	30
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.0000542	0.050	0.048	97	55 - 140	0.050	100	4	30
100-41-4	Ethylbenzene	0.0000627U	0.0000627	0.050	0.054	109	75 - 125	0.054	108	0	30
591-78-6	2-Hexanone	0.000503U	0.000503	0.050	0.044	88	55 - 130	0.046	93	4	30
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.0000347	0.050	0.047	93	75 - 125	0.046	92	2	30
78-93-3	2-Butanone	0.0000933U	0.0000933	0.050	0.047	94	30 - 150	0.051	102	8	30
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.0000654	0.050	0.046	92	60 - 135	0.049	98	6	30
100-42-5	Styrene	0.0000507U	0.0000507	0.050	0.047	94	65 - 135	0.048	96	2	30
127-18-4	Tetrachloroethene	0.000121U	0.000121	0.050	0.053	106	45 - 150	0.054	108	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.0000728	0.050	0.051	102	65 - 130	0.052	105	2	30
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.000119	0.050	0.048	96	65 - 135	0.048	96	0	30
71-55-6	1,1,1-Trichloroethane	0.000106U	0.000106	0.050	0.051	103	65 - 130	0.050	100	2	30
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.0000951	0.050	0.050	100	75 - 125	0.052	104	4	30
75-69-4	Trichlorofluoromethane	0.000123U	0.000123	0.050	0.051	102	60 - 145	0.049	97	4	30
75-01-4	Vinyl chloride	0.0000930U	0.0000930	0.050	0.052	103	50 - 145	0.049	98	6	30
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.0000823	0.050	0.046	92	50 - 130	0.049	97	6	30
106-93-4	1,2-Dibromoethane	0.0000468U	0.0000468	0.050	0.051	103	80 - 120	0.054	107	6	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.0000517	0.050	0.048	96	65 - 125	0.048	95	0	30
1330-20-7	Xylene (total)	0.0000502U	0.0000502	0.150	0.141	94	75 - 130	0.146	97	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	442313	**Client ID**	MB442313			LCS442313				LCSD442313		
Prep Batch	N/A	**GCAL ID**	880439			880440				880441		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	09/17/2010 16:30			09/17/2010 15:21				09/17/2010 15:44		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**		**Result**		**RPD**	**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**			**% R**		**Limit**
108-87-2	Methylcyclohexane	0.0000722U	0.0000722	0.050	0.050	100	77 - 123		0.049	97	2	30
110-82-7	Cyclohexane	0.0000644U	0.0000644	0.050	0.049	97	71 - 127		0.048	97	2	30
79-20-9	Methyl Acetate	0.00142U	0.00142	0.050	0.049	98	55 - 134		0.055	109	12	30
76-13-1	Trichlorotrifluoroethane	0.000127U	0.000127	0.050	0.051	102	72 - 130		0.049	98	4	30
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.0000988	0.050	0.050	99	65 - 130		0.050	101	0	30
106-46-7	1,4-Dichlorobenzene	0.000118U	0.000118	0.050	0.049	98	65 - 130		0.051	101	4	30
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.0000789	0.050	0.049	98	70 - 120		0.050	101	2	30
91-20-3	Naphthalene	0.0000817U	0.0000817	0.050	0.047	94	55 - 140		0.049	97	4	30
75-35-4	1,1-Dichloroethene	0.000164U	0.000164	0.050	0.049	98	70 - 130		0.051	102	4	30
71-43-2	Benzene	0.0000542U	0.0000542	0.050	0.052	104	80 - 120		0.050	101	4	30
79-01-6	Trichloroethene	0.0000618U	0.0000618	0.050	0.053	107	70 - 125		0.055	110	4	30
108-88-3	Toluene	0.0000590U	0.0000590	0.050	0.052	105	75 - 120		0.052	104	0	30
108-90-7	Chlorobenzene	0.0000274U	0.0000274	0.050	0.051	101	80 - 120		0.051	102	0	30
Surrogate												
460-00-4	4-Bromofluorobenzene	51.6	103	50	50.7	101	75 - 120		50.6	101		
1868-53-7	Dibromofluoromethane	49.1	98	50	49.9	100	85 - 115		49.5	99		
2037-26-5	Toluene d8	52.9	106	50	49	98	85 - 120		49.5	99		
17060-07-0	1,2-Dichloroethane-d4	48.9	98	50	48.9	98	70 - 120		49.2	98		

CASE NARRATIVE

Client: Aerostar **Report:** 210091018

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.

No anomalies were found in the analyzed sample(s).

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 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.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Migues
Technical Director
GCAL REPORT 210091018

THIS REPORT CONTAINS _____ PAGES.

labnet/4569/2100910 10/9-17-10

Chain of Custody Record

Lab Report No.:

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 1 of 2

FDEP Facility No.:

Project Name: BROOKLEY FIELD OMS-28

Location: MOBILE, AL

Project No.:

Attn: CURTIS MILLS

Phone:

Fax:

Sampled by [Print Name]/Affiliation: [signature] / AES

Sampler Signature

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.	8260 TCL+NAPH							←Preservative / ←Analysis / REQUESTED DUE DATE	Remarks	Lab. No.
							H								USACE DET. LIMITS	
1	OMS-28-1	9/7/10	1018	Grab	GW	3	X									1
2	MW-12	9/7/10	1103	Grab	GW	3	X									2
3	MW-5	9/7/10	1328	Grab	GW	3	X									3
4	MW-6	9/7/10	1404	Grab	GW	3	X									4
5	OMS-28-2	9/7/10	1553	Grab	GW	3	X									5
6	Rinsate-1	9/7/10	1410	Grab	GW	3	X	D.M.								6
~~7~~	~~Drum~~	~~9/7/10~~	~~1215~~	~~Grab~~	~~GW~~	~~3~~	~~X~~								~~Own Report~~	
8	OMS-28-3	9/8/10	1013	Grab	GW	3	X									7
9	OMS-28-4	9/8/10	1305	Grab	GW	3	X									8

24 ←Total Number of Containers

Shipment Method

Out: / / Via:

Returned: / / Via:

Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
	[signature]	9/9/10	1030	[signature]	9/9/10	1030
	[signature] / DN	9/9/10	1720	[signature]	9/9/10	1720
	FedEx by DN	9-10-10	930	K	9-10-10	930

Additional Comments

BROOKLEY DATA PACK

Cooler No.(s) / Temperature(s) (°C)	Sampling Kit No.	Equipment ID No.
3.8°	9742	

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)

labnet/4569/210091018 /9.17.10

Chain of Custody Record

Lab Report No.:

Company: AEROSTAR

Address:

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 2 of 2

FDEP Facility No.:

Project Name: BROOKLEY FIELD OMS-28

Location: MOBILE, AL

Project No.:

Attn: CURTIS MILLS

Phone:

Fax:

Sampled by [Print Name]/Affiliation: AES

Sampler Signature:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.	8260 TCL	←Preservative	←Analysis	REQUESTED DUE DATE	Remarks	Lab. No.
							H				USACE DET. LIMITS	
10	OMS-28-5	9/8/10	1352	Grab	GW	3	X					9
11	MW-9	9/8/10	1432	Grab	GW	3	X					10
~~12~~	~~OMS-28-6~~	~~9/8/10~~	~~1520~~	~~Grab~~	~~GW~~	~~3~~	~~X~~					
12	MW-8	9/8/10	1520	Grab	GW	3	X					11
13	OMS-28-6	9/8/10	1703	Grab	GW	3	X					13
14	OMS-28-7	9/8/10	1732	Grab	GW	3	X					17
15	Dup	9/8/10	—	Grab	GW	3	X					14
16	Rinsate-2	9/8/10	1740	Grab	GW	3	X					15
						21						

←Total Number of Containers

Shipment Method

Out: / / Via:

Returned: / / Via:

Additional Comments

BROOKLEY DATA PACK

Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
		9/9/10	1030		9/9/10	1030
		9/9/10	1700	Fedex by AES	9/9/10	1700
	Fedex by AES	9/10/10	930		9/10/10	930

Cooler No.(s) / Temperature(s) (°C)	Sampling Kit No.	Equipment ID No.
3.8	9742	

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 Manifest

MACLAND
DISPOSAL CENTER

NON-HAZARDOUS SPECIAL WASTE MANIFES

No. 604396

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: OMS-28 ALABAMA ARMY NATL GUARD

b. Generating Location: SAME

c. Address: 1622 SOUTH BROAD ST
MOBILE, AL 36602

d. Address:

e. Phone No.: POC: CURTIS MILLS 251-432-2664

f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:

h. Owner's Phone No.:

i. MACLAND PROFILE NO. M L 6 0 1 1 1

j. Description of Waste: PURGED GROUND WATER

Containers

k. Quantity: 400 | Units: P | No.: 02 | TYPE: DM

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC B
or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in the proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name: SAM STUART LANG
Signature: [signature]
Shipment Date: 10 27 10

Section II TRANSPORTER (Transporter complete a-g)

TRANSPORTER

a. Name: [illegible]

b. Address: 157 J. J. [illegible]
[illegible]

c. Driver Name / Title:
PRINT / TYPE

d. Phone No.:

e. Truck No.: 01

f. Vehicle License No. / State:

Acknowledgement of Receipt of Materials

g. Driver Signature: [signature]
Shipment Date: 10 27 10

Section III CONTRACTOR (Contractor Complete a-g)

CONTRACTOR

a. Name:

b. Address:

c. Contractor Name / Title:
PRINT / TYPE

d. Phone No.:

e. P.O. No.:

f. FAX No.:

g. Contractor Signature
Shipment Dat

Section IV DESTINATION

MACLAND DISPOSAL CENTER
11300 HIGHWAY 63
MOSS POINT, MISSISSIPPI 39562

P.O. BOX 2025
ESCATAWPA, MS 39552

PHONE: (228) 475-9747
FAX: (228) 475-9744

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent (Please Print)
Signature
Receipt Date

Section V ASBESTOS (Generator complete a-d, f, g; Operator * completes e)

a. Operator's * Name:

b. Operator's * Phone No.:

c. Operator's * Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, pa marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's Name & Title:
Print / Type
Operator's * Signature
Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both ______ %friable ______ %nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or b

GENERATOR RETAIN