

**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**

JUNE 2010

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:

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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.


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

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

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

2.2 Site Background and History

Trichloroethene (TCE) impacted groundwater was inadvertently identified at the AANG OMS-28 site in August 2005 during a Secondary Investigation Addendum and 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 fourth of five groundwater monitoring events conducted to gather sufficient data to prepare an ARBCA evaluation of the site. Data collected during this most recent (March 18-19, 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 March 18 and 19, 2010 site visits included the fourth 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 March 18, 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 column from the total depth of the well. The total purge volume for each well was at least three times the well volume in gallons. Purge water generated during sampling was containerized and stored at an approved onsite location as investigation derived waste (IDW).

Remediation through natural attenuation (RNA) data including pH, temperature, conductivity, turbidity, and dissolved oxygen (DO) were measured and recorded during purging. Stabilization of these parameters was assumed when successive measurements after each well volume varied by 10% or less. Purging continued until these parameters were stabilized. **Table 1, RNA Field Measurements** contains RNA measurements for the March 2010 and past gauging and sampling events conducted in May 2009, December 2008, and July 2008.

3.3 Monitoring Well Sampling

On March 18, 2010, groundwater samples were collected from MW-5, MW-6, MW-9, MW-12, OMS-28-1, OMS-28-2, OMS-28-6, and OMS-28-7. On March 19, 2010, groundwater samples were collected from MW-8, OMS-28-3, OMS-28-4, and OMS-28-5. Following purging stabilization, groundwater samples were collected in accordance with the work plan approved in March 2008. All samples were logged using proper chain-of-custody protocol, then placed on ice in a cooler for delivery to Gulf Coast Analytical Laboratories, Inc., in Baton Rouge, Louisiana for analysis of Target Compound List (TCL) Volatile Organic Compounds (VOCs) by EPA Method 8260. Copies of the groundwater laboratory analytical reports and chains-of-custodies are provided in **Appendix B**.

3.4 Investigation Derived Waste Handling

During the course of the field investigation, IDW purge water was generated and handled in accordance with the Investigation Derived Waste Management Plan (IDWMP). The IDWMP addressed the requirements of the National Contingency Plan (NCP) along with the U.S. Environmental Protection Agency's (EPA) interpretation of these plans. All IDW generated during this groundwater sampling event was stored and secured onsite behind a locked fence in one properly labeled, sealed 55-gallon steel drum.

4.0 FINDINGS

4.1 Groundwater Elevation and Flow Direction

Depth to the groundwater at the site was measured on March 18, 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 TOC elevations for each well. The calculated groundwater elevation in the shallow wells (MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7) during the gauging event varied from 20.14 feet to 24.49 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 2.78 feet to 5.10 feet NGVD. A review of the water level measurements collected on March 18, 2010 from the shallow wells on site indicates that the groundwater flow direction at the OMS-28 site is estimated to the north-northwest. This flow direction is consistent with the flow direction determined during the previous sampling events conducted in May and September/November 2009.

Groundwater and elevation data, including historic elevation data are provided in **Table 2. Figure 3A, Shallow Potentiometric Surface Map, March 2010** illustrates groundwater flow direction estimated during the March 18, 2010 groundwater sampling event. **Figure 3B, Shallow Potentiometric Surface Map, November 2009 and Figure 3C, 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 March 18 and 19, 2010 with a breakdown of individual VOC concentrations, including the analytical results from the previous sampling events of September 2009, May 8, 2009 and December 10 and 11, 2008, and July 1, 2008 are summarized in **Table 3, Groundwater Sample Results**.

Figure 4A, Trichloroethene Groundwater Plume, March 2010 illustrates the distribution of dissolved-phase TCE for the March 18 and 19, 2010 sampling event. **Figure 4B, Trichloroethene Groundwater Plume, September 2009** and **Figure 4C Trichloroethene Groundwater Plume, May 2009** illustrate the historical distribution of dissolved-phase TCE at the site.

During the previous groundwater sampling events of May and September 2009, benzene, naphthalene, tetrachloroethene (PCE), and TCE were detected in one or more samples at levels that exceeded ADEM ARBCA Preliminary Screening Values (PSVs). Volatile organic compounds that exceeded the ADEM ARBCA PSV during the March 18 and 19, 2010 sampling event are discussed below.

- PCE was detected during the March 18 and 19, 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 0.081 mg/L which is above the ADEM PSV of 0.005 mg/L established for PCE. The PCE concentration in OMS-28-5 has increased since the September 24, 2009 sampling event.
- TCE was detected during the March 18 and 19, 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 0.041 mg/L, 0.012 mg/L, and 0.051 mg/L, respectively. These concentrations are above the ADEM PSV of 0.005 mg/L established for TCE. The TCE concentrations in MW-8 and OMS-28-5 have increased since the September 24, 2009 sampling event. The TCE concentrations in OMS-28-3 have decreased since the September 24, 2009 sampling event.

4.3 Discussion

Table 3 summarizes the groundwater analytical results while **Figure 2** illustrates the sample locations for the March 18 and 19, 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 acetone, benzene, isopropylbenzene, 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 benzene concentration of 0.00184J mg/L that was detected in the groundwater sample collected from MW-6 on March 18, 2010, does not exceed the ADEM drinking water PSV for benzene of 0.005 mg/L. Previously, benzene was detected at a concentration of 0.00555 mg/L in the groundwater sample collected from monitoring well MW-6 on May 8, 2009, which exceeded the ADEM drinking water PSV for benzene, but was below the SSTL calculated in the ARBCA for 28 Pit #2, dated 1 September 2005 of 0.0311 mg/L. Benzene concentrations at OMS-28 will be monitored until updated SSTLs can be calculated in the ARBCA evaluation of the site.

The PCE concentration of 0.081 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 0.041 mg/L, 0.012 mg/L, and 0.051 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 March 18 and 19, 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 March 18 and 19, 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 and 3C**, respectively.

A comparison of the September 2009 TCE and March 2010 TCE groundwater results indicates that TCE concentrations in the shallow well OMS-28-3 have decreased, while the TCE concentrations in the shallow wells OMS-28-5 and MW-8 have increased.

Review of the groundwater analytical results reveals that no chemical of concern was detected in any deep well at a concentration that exceeded an ADEM drinking water PSVs during the March 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 March 2010 sampling event and has never been encountered during any previous event.

6.0 RECOMMENDATIONS

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

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

TABLES

TABLE 1
RNA FIELD MEASUREMENTS

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

Sample ID	Sample Date	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)
MW-5	07/01/08	4.1	29.2	0.153	2	NM
	12/11/08	5.1	26.4	0.106	53	3.56
	05/08/09	3.7	23.2	0.179	10	2.20
	09/24/09	NA	NA	NA	NA	NA
	03/18/10	4.5	16.8	0.255	4	2.24
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

TABLE 2
Liquid Level Summary

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

Well ID	Depth of Well (ft-BTOC)	Screened Interval (ft-BTOC)	Top of Casing Elevation (ft-AMSL)	Date	Depth to Product (ft-BTOC)	Depth to Water (ft-BTOC)	Groundwater Elevation (ft-AMSL)
MW-5	12.6	3.3-13.3	28.14	10/13/05	NA	5.10	23.04
				04/18/06	NA	6.60	21.54
				10/18/06	NA	6.60	21.54
				11/22/06	NA	6.31	21.83
				07/01/08	NA	6.47	21.67
				07/08/08	--	--	--
				08/25/08	NA	3.35	24.79
				12/10/08	NA	6.15	21.99
				05/08/09	NA	5.83	22.31
				11/24/09	NA	4.40	23.74
MW-6	12.7	2.3-12.3	28.15	03/18/10	NA	4.72	23.42
				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
MW-8	15.2	4.8-14.8	28.24	11/24/09	NA	4.4	23.75
				03/18/10	NA	3.66	24.49
				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
MW-9	17.4	7.4-17.4	27.45	05/08/09	NA	6.52	21.72
				11/24/09	NA	5.05	23.19
				03/18/10	NA	4.51	23.73
				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
MW-12	15.6	5.6-15.6	25.94	05/08/09	NA	7.46	19.99
				11/24/09	NA	4.96	22.49
				03/18/10	NA	5.09	22.36
				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				

TABLE 2
Liquid Level Summary

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

Well ID	Depth of Well (ft-BTOC)	Screened Interval (ft-BTOC)	Top of Casing Elevation (ft-AMSL)	Date	Depth to Product (ft-BTOC)	Depth to Water (ft-BTOC)	Groundwater Elevation (ft-AMSL)
OMS-28-1	80.0	70-80	26.26	07/01/08	NA	22.86	3.40
				07/08/08	NA	22.90	3.36
				08/25/08	NA	22.45	3.81
				12/10/08	NA	23.29	2.97
				05/08/09	NA	22.10	4.16
				11/24/09	NA	22.00	4.26
OMS-28-2	20.0	10-20	30.88	03/18/10	NA	21.30	4.96
				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
OMS-28-3	20.0	10-20	30.70	11/24/09	NA	10.87	20.01
				03/18/10	NA	10.49	20.39
				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
OMS-28-4	76.0	66-76	27.99	85/8/2009	NA	9.32	21.38
				11/24/09	NA	8.43	22.27
				03/18/10	NA	7.85	22.85
				07/01/08	--	--	--
				07/08/08	NA	26.85	1.14
				08/25/08	NA	28.89	-0.90
OMS-28-5	20.0	10-20	30.12	12/10/08	NA	27.19	0.80
				05/08/09	NA	26.02	4.68
				11/24/09	NA	25.91	4.79
				03/18/10	NA	25.21	2.78
				07/01/08	NA	11.90	18.22
				07/08/08	--	--	--
OMS-28-6	76.0	66-76	30.31	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
				07/01/08	--	--	--
OMS-28-7	20.0	10-20	27.56	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
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				

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					MW-8				
				07/01/08	12/11/08	05/08/09	09/24/09	03/18/10	07/01/08	12/11/08	05/08/09	09/24/09	03/18/10	07/01/08	12/11/08	05/08/09	09/24/09	03/19/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.000105U	0.000148U	0.000154U	0.000105U	0.000105U	0.000105U	0.000148U	0.000154U	0.000105U	0.000105U	0.000105U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000601U	0.0000859U	0.0000346U	0.0000346U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U
1,2-Dibromo-3-chloropropan	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000129U	0.000129U	0.000356U	0.000129U	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	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.000548J	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U
Acetone	67-64-1	mg/L	0.55	0.00780J	0.000914U	0.000791U	0.000791U	0.00115U	0.00317J	0.000914U	0.000791U	0.000791U	0.00115U	0.011J	0.000914U	0.00617J	0.000791U	0.022J
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.016	0.011	0.00555	0.0000747U	0.00184J	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.00210J	0.000101U	0.000116U	0.000116U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000 ^a	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.00418J	0.00139J	0.00270J	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.0000708U	0.0000708U	0.0000708U	0.0000347U	0.00533	0.00406J	0.00341J	0.0000708U	0.00103J	0.0000569U	0.0000708U	0.0000708U	0.0000708U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.00299J	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.00464J	0.000118U	0.000101U	0.000101U	0.0000817U	0.028	0.021	0.011	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.133	0.046	0.018	0.00841	0.041
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.	

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-9					MW-12					OMS-28-1 (Deep Well)				
				07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	07/08/08	12/11/08	05/08/09	09/24/09	03/18/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U
1,2-Dibromo-3-chloropropan	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U
Acetone	67-64-1	mg/L	0.55	0.00472J	0.000914U	0.000791U	0.000791U	0.00115U	0.00363J	0.000914U	0.000791U	0.000791U	0.00115U	0.00905J	0.000914U	0.000791U	0.000791U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000675U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000675U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000675U	0.000144U	0.0000574U	0.0000574U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.044	0.000164U	0.00333J	0.000582J	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.00151J	0.000101U	0.000116U	0.000116U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000 ^a	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.00905J	0.0000959U	0.000142U	0.000142U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.00451J	0.000101U	0.000101U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.00	

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					OMS-28-4 (Deep Well)				
				07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	07/01/08	12/11/08	05/08/09	09/24/09	03/19/10	07/08/08	12/10/08	05/08/09	09/24/09	03/19/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U
1,2-Dibromo-3-chloropropan	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.0000961U	0.0000572U	0.000129U	0.000129U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.000113U	0.0000781U	0.000123U	0.000123U	0.0000654U
Acetone	67-64-1	mg/L	0.55	0.00338J	0.000914U	0.000791U	0.000791U	0.00115U	0.00218J	0.000914U	0.000791U	0.000791U	0.00617J	0.00207J	0.000914U	0.000791U	0.000791U	0.00450J
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.000252J	0.000164U	0.000287U	0.000287U	0.0000565U	0.000219J	0.000164U	0.000287U	0.000287U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.00111J	0.000101U	0.000116U	0.000116U	0.0000886U	0.000835J	0.000101U	0.000116U	0.000116U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000*	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100*	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600*	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.0000974U	0.00200J	0.08	0.094	0.029	0.01529	0.012	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.00007	

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-28-5					OMS-28-6 (Deep Well)					OMS-28-7				
				07/01/08	12/11/08	05/08/09	09/24/09	03/19/10	07/08/08	12/10/08	05/08/09	09/24/09	03/18/10	07/01/08	12/10/08	05/08/09	09/24/09	03/18/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U	0.0000683U	0.0000963U	0.0000432U	0.0000432U	0.000106U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U	0.000146U	0.0000928U	0.0000547U	0.0000547U	0.0000951U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U	0.0000801U	0.0000859U	0.0000346U	0.0000346U	0.0000305U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.0000961U	0.000201U	0.000119U	0.000119U	0.000164U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.0000912U	0.000107U	0.000107U	0.000119U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.0000823U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U	0.000158U	0.000202U	0.0000651U	0.0000651U	0.0000468U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U	0.000109U	0.0000690U	0.000102U	0.000102U	0.0000789U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U	0.0000663U	0.0000898U	0.0000640U	0.0000640U	0.0000860U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U	0.0000555U	0.0000960U	0.0000559U	0.0000559U	0.0000641U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U	0.0000861U	0.000132U	0.0000937U	0.0000937U	0.0000988U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000961U	0.0000572U	0.000129U	0.000129U	0.000118U	0.000961U	0.0000572U	0.000129U	0.000129U	0.000118U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.0000933U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U	0.000308U	0.000105U	0.0000661U	0.0000661U	0.000503U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.0100113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0100113U	0.0000781U	0.000123U	0.000123U	0.0000654U	0.0100113U	0.0000781U	0.000123U	0.000123U	0.0000654U
Acetone	67-64-1	mg/L	0.55	0.00355J	0.000914U	0.000791U	0.00079U	0.011J	0.00305J	0.000914U	0.000791U	0.000791U	0.00115U	0.00487J	0.000914U	0.000791U	0.000791U	0.00115U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U	0.0000624U	0.0000649U	0.0000747U	0.0000747U	0.0000542U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	0.0000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.0000947U	0.000172U	0.000198U	0.000198U	0.000104U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000148U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	0.0000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.0000618U	0.000181U	0.000140U	0.000140U	0.000351U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U	0.0000426U	0.000164U	0.000287U	0.000287U	0.0000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U
Cyclohexane	110-82-7	mg/L	1000*	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.0000644U
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U	0.0000637U	0.0000975U	0.0000326U	0.0000326U	0.0000407U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA	0.0000680U	NA	NA	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	0.0000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U	0.0000702U	0.0000623U	0.0000561U	0.0000561U	0.0000542U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U	0.0000924U	0.0000652U	0.0000522U	0.0000522U	0.0000627U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U	0.0000569U	0.000135U	0.0000708U	0.0000708U	0.0000347U
Methyl acetate	79-20-9	mg/L	6100*	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.0000994U	0.000373U	0.000373U	0.00142U
Methylcyclohexane	108-87-2	mg/L	2600*	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U	0.0000921U	0.0000754U	0.0000456U	0.0000456U	0.0000722U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U	0.0000765U	0.0000959U	0.000142U	0.000142U	0.000327U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.00428J	0.000101U	0.000101U	0.0000817U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	0.0000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.13	0.0092	0.234	0.00802	0.081	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U	0.0000675U	0.0000755U	0.0000820U	0.0000820U	0.0000590U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.039	0.014	0.162	0.011	0.051	0.000164U	0.000118U	0.0000974U	0.0000974U	0.0000618U	0.00173J	0.000118U	0.000684J	0.0000974U	0.0000618U
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	0.0000638U	0.000138U	0.0000720U	0.0000720U	0.000123U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U	0.000168U	0.000230U	0.0000682U	0.0000682U	0.000127U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000

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	IDW	RINSATE-1					RINSATE-2					DUP-1 (MW-8)	DUP-1 (OMS-28-4)	DUP-1 (OMS-28-1)	DUP-1 (OMS- 28-4)	DUP-1 (OMS- 28-3)	
					07/08/08	07/01/08	12/10/08	05/08/09	09/24/09	03/18/10	07/08/08	12/11/08	05/08/09	09/24/09	03/19/10	07/01/08	12/10/08	05/08/09	09/24/09	03/19/10
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.000683U	0.000683U	0.000963U	0.000432U	0.000432U	0.00106U	0.000683U	0.000963U	0.000432U	0.000432U	0.00106U	0.000683U	0.000963U	0.000432U	0.000432U	0.00106U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.00055	0.000148U	0.000148U	0.000154U	0.000105U	0.000105U	0.000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.000728U	0.000148U	0.000154U	0.000105U	0.000105U	0.000728U	
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000146U	0.000928U	0.000547U	0.000547U	0.000951U	0.000146U	0.000928U	0.000547U	0.000547U	0.000951U	0.000146U	0.000928U	0.000547U	0.000547U	0.000951U	
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.000801U	0.000801U	0.000859U	0.000346U	0.000346U	0.000305U	0.000801U	0.000859U	0.000346U	0.000346U	0.000305U	0.000801U	0.000859U	0.000346U	0.000346U	0.000305U	
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.000961U	0.000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000961U	0.000201U	0.000119U	0.000119U	0.000164U	0.000961U	0.000201U	0.000119U	0.000119U	0.000164U	
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000223U	0.000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.000912U	0.000107U	0.000107U	0.000119U	0.000223U	0.000912U	0.000107U	0.000107U	0.000119U	
1,2-Dibromo-3-chloropropan	96-12-8	mg/L	0.0002	0.000356U	0.000356U	0.000129U	0.000129U	0.000129U	0.000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.000823U	0.000356U	0.000129U	0.000129U	0.000129U	0.000823U	
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000158U	0.000202U	0.000651U	0.000651U	0.000468U	0.000158U	0.000202U	0.000651U	0.000651U	0.000468U	0.000158U	0.000202U	0.000651U	0.000651U	0.000468U	
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.000109U	0.000690U	0.000102U	0.000102U	0.000789U	0.000109U	0.000690U	0.000102U	0.000102U	0.000789U	0.000109U	0.000690U	0.000102U	0.000102U	0.000789U	
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.000663U	0.000663U	0.000898U	0.000640U	0.000640U	0.000860U	0.000663U	0.000898U	0.000640U	0.000640U	0.000860U	0.000663U	0.000898U	0.000640U	0.000640U	0.000860U	
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.000555U	0.000555U	0.000960U	0.000559U	0.000559U	0.000641U	0.000555U	0.000960U	0.000559U	0.000559U	0.000641U	0.000555U	0.000960U	0.000559U	0.000559U	0.000641U	
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.000861U	0.000861U	0.000132U	0.000937U	0.000937U	0.000988U	0.000861U	0.000132U	0.000937U	0.000937U	0.000988U	0.000861U	0.000132U	0.000937U	0.000937U	0.000988U	
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.000961U	0.000961U	0.000572U	0.000129U	0.000129U	0.000118U	0.000961U	0.000572U	0.000129U	0.000129U	0.000118U	0.000961U	0.000572U	0.000129U	0.000129U	0.000118U	
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000487U	0.000176U	0.000405U	0.000405U	0.000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.000933U	0.000487U	0.000176U	0.000405U	0.000405U	0.000933U	
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000308U	0.000105U	0.000661U	0.000661U	0.000503U	0.000308U	0.000105U	0.000661U	0.000661U	0.000503U	0.000308U	0.000105U	0.000661U	0.000661U	0.000503U	
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.000113U	0.000781U	0.000123U	0.000123U	0.000654U	0.000113U	0.000781U	0.000123U	0.000123U	0.000654U	0.000113U	0.000781U	0.000123U	0.000123U	0.000654U	
Acetone	67-64-1	mg/L	0.55	0.00563J	0.00366J	0.000914U	0.000791U	0.000791U	0.00115U	0.00345J	0.000914U	0.000791U	0.000791U	0.00115U	0.00430J	0.000914U	0.000791U	0.000791U	0.00529J	
Benzene	71-43-2	mg/L	0.005	0.000624U	0.000624U	0.000649U	0.000747U	0.000747U	0.000542U	0.000624U	0.000649U	0.000747U	0.000747U	0.000542U	0.000624U	0.000649U	0.000747U	0.000747U	0.000542U	
Bromodichloromethane	75-27-4	mg/L	0.08	0.000875U	0.000875U	0.000144U	0.000574U	0.000574U	0.000531U	0.000875U	0.000144U	0.000574U	0.000574U	0.000531U	0.000875U	0.000144U	0.000574U	0.000574U	0.000531U	
Bromoform	75-25-2	mg/L	0.08	0.000947U	0.000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000947U	0.000172U	0.000198U	0.000198U	0.000104U	0.000947U	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	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.000184U	0.000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.000774U	0.000179U	0.000179U	0.000143U	0.000184U	0.000774U	0.000179U	0.000179U	0.000143U	
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.000825U	0.000825U	0.000156U	0.000825U	0.000825U	0.000148U	0.000825U	0.000156U	0.000825U	0.000825U	0.000148U	0.000825U	0.000156U	0.000825U	0.000825U	0.000148U	
Chlorobenzene	108-90-7	mg/L	0.10	0.000631U	0.000631U	0.000287U	0.000715U	0.000715U	0.000274U	0.000631U	0.000287U	0.000715U	0.000715U	0.000274U	0.000631U	0.000287U	0.000715U	0.000715U	0.000274U	
Chloroethane	75-00-3	mg/L	0.0046	0.000618U	0.000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000618U	0.000181U	0.000140U	0.000140U	0.000351U	0.000618U	0.000181U	0.000140U	0.000140U	0.000351U	
Chloroform	67-66-3	mg/L	0.08	0.014	0.000426U	0.000164U	0.000287U	0.000287U	0.000565U	0.000426U	0.000164U	0.000287U	0.000287U	0.000565U	0.000426U	0.000164U	0.00338J	0.000287U	0.000287U	0.000565U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000963J	0.000884J	0.000101U	0.000116U	0.000116U	0.000886U	0.00133J	0.000101U	0.000116U	0.000116U	0.000886U	0.000249U	0.000101U	0.000116U	0.000116U	0.000886U	
Cyclohexane	110-82-7	mg/L	100 ^a	0.000722U	0.000722U	0.000105U	0.000722U	0.000722U	0.000644U	0.000722U	0.000105U	0.000722U	0.000722U	0.000644U	0.000722U	0.000105U	0.000722U	0.000722U	0.000644U	
Dibromochloromethane	124-48-1	mg/L	0.08	0.000637U	0.000637U	0.000975U	0.000326U	0.000326U	0.000407U	0.000637U	0.000975U	0.000326U	0.000326U	0.000407U	0.000637U	0.000975U	0.000326U	0.000326U	0.000407U	
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.000680U	0.000680U	NA	NA	NA	NA	0.000688U	NA	NA	NA	NA	0.000680U	NA	NA	NA	NA	
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.000746U	0.000746U	0.000116U	0.000315U	0.000315U	0.000312U	0.000746U	0.000116U	0.000315U	0.000315U	0.000312U	0.000746U	0.000116U	0.000315U	0.000315U	0.000312U	
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.000702U	0.000702U	0.000623U	0.000561U	0.000561U	0.000542U	0.000702U	0.000623U	0.000561U	0.000561U	0.000542U	0.000702U	0.000623U	0.000561U	0.000561U	0.000542U	
Ethylbenzene	100-41-4	mg/L	0.70	0.000924U	0.000924U	0.000652U	0.000522U	0.000522U	0.000627U	0.000924U	0.000652U	0.000522U	0.000522U	0.000627U	0.000924U	0.000652U	0.000522U	0.000522U	0.000627U	
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.000569U	0.000569U	0.000135U	0.000708U	0.000708U	0.000347U	0.000569U	0.000135U	0.000708U	0.000708U	0.000347U	0.000569U	0.000135U	0.000708U	0.000708U	0.000347U	
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.000921U	0.000921U	0.000754U	0.000456U	0.000456U	0.000722U	0.000921	0.000754U	0.000456U	0.000456U	0.000722U	0.000921U	0.000754U	0.000456U	0.000456U	0.000722U	
Methylene Chloride	75-09-2	mg/L	0.005	0.00278J	0.000797J	0.000959U	0.000142U	0.000142U	0.000327U	0.000800J	0.000959U	0.000142U	0.000142U	0.000327U	0.000959U	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	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	
Styrene	100-42-5	mg/L	0.1	0.000821U	0.000821U	0.000579U	0.000453U	0.000453U	0.000507U	0.000821U	0.000579U	0.000453U	0.000453U	0.000507U	0.000821U	0.000579U	0.000453U	0.000453U	0.000507U	
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000200U	0.000153U	0.000998U	0.000998U	0.000121U	0.000200U	0.000153U	0.000998U	0.000998U	0.000121U	0.000200U	0.000153U	0.000998U	0.000998U	0.000121U	
Toluene	108-88-3	mg/L	1.00	0.000369J	0.00067															

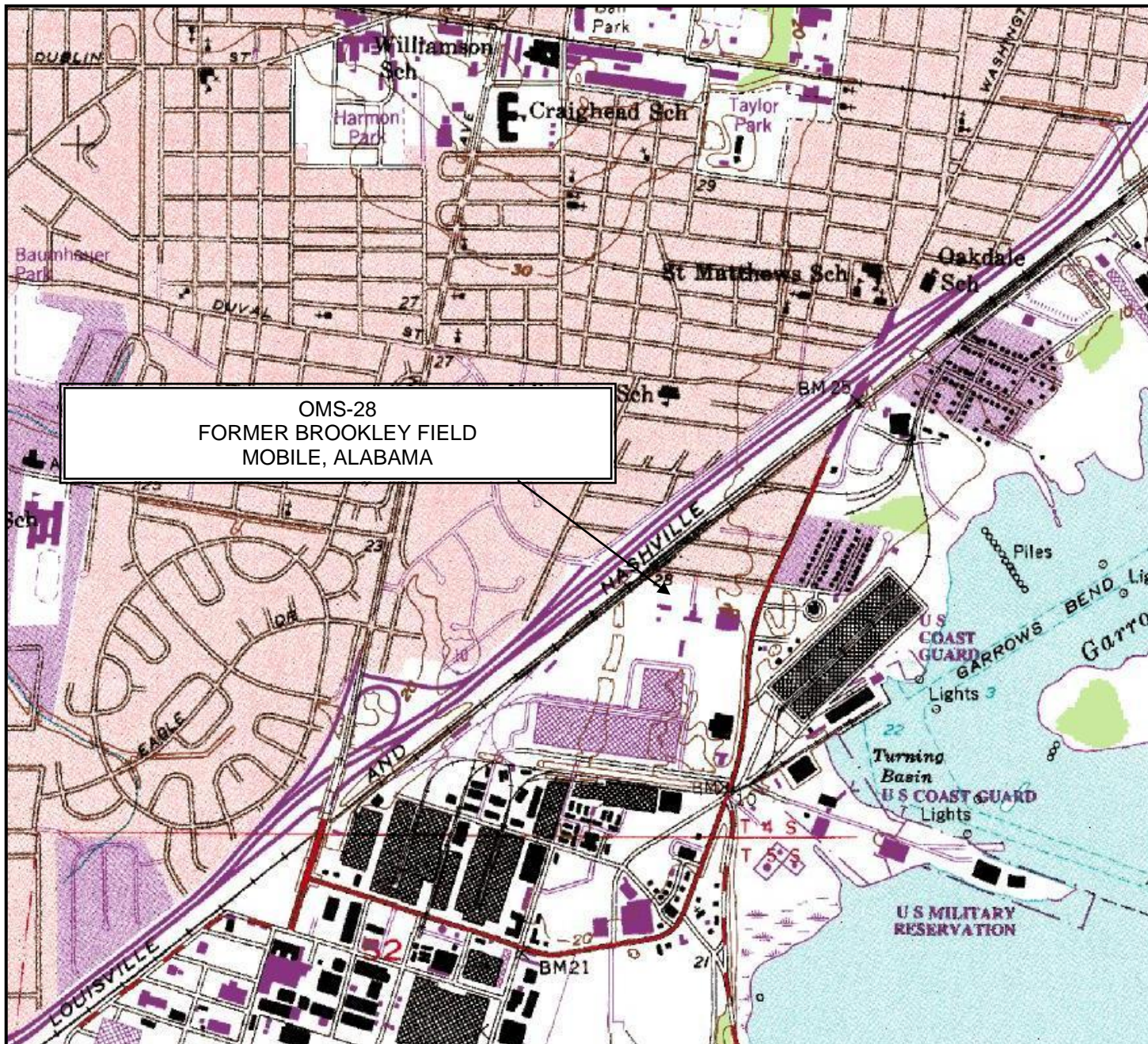
TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location										
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	DUP-2 (OMS-28-1)	DUP-2 (MW-8)	DUP-2 (MW-6)	DUP-2 (MW- 8)	TRIP BLANK						
				07/08/08	12/11/08	5/8/2009	9/24/2009	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	0.000683U	0.000963U	0.000432U	0.000432U	0.000683U	0.000683U	0.000963U	0.000432U	0.000432U	0.000106U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.00055	0.000148U	0.000154U	0.000105U	0.000105U	0.000148U	0.000148U	0.000154U	0.000105U	0.000105U	0.0000728U	
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000928U	0.0000547U	0.0000547U	0.000146U	0.000146U	0.000928U	0.0000547U	0.0000547U	0.0000951U	
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.000801U	0.000859U	0.000346U	0.000346U	0.000801U	0.000801U	0.000859U	0.000346U	0.000346U	0.000305U	
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.000961U	0.000201U	0.000119U	0.000119U	0.000961U	0.000961U	0.000201U	0.000119U	0.000119U	0.000164U	
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000912U	0.000107U	0.000107U	0.000223U	0.000223U	0.000912U	0.000107U	0.000107U	0.000119U	
1,2-Dibromo-3-chloropropan	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000129U	0.000356U	0.000356U	0.000129U	0.000129U	0.000129U	0.000823U	
1,2-Dibromoethane	106-93-4	mg/L	0.0005	0.000158U	0.000202U	0.000651U	0.000651U	0.000158U	0.000158U	0.000202U	0.000651U	0.000651U	0.000468U	
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.000690U	0.000102U	0.000102U	0.000109U	0.000109U	0.000690U	0.000102U	0.000102U	0.000789U	
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.000663U	0.000898U	0.000640U	0.000640U	0.000663U	0.000663U	0.000898U	0.000640U	0.000640U	0.000860U	
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.000555U	0.000960U	0.000559U	0.000559U	0.000555U	0.000555U	0.000960U	0.000559U	0.000559U	0.000641U	
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.000861U	0.000132U	0.000937U	0.000937U	0.000861U	0.000257J	0.000132U	0.000937U	0.000937U	0.000988U	
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.000961U	0.000572U	0.000129U	0.000129U	0.000961U	0.000961U	0.000572U	0.000129U	0.000129U	0.000118U	
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000405U	0.000487	0.000487U	0.000176U	0.000405U	0.000405U	0.000933U	
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.000661U	0.000661U	0.000308U	0.000308U	0.000105U	0.000661U	0.000661U	0.000503U	
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.000781U	0.000123U	0.000123U	0.000113U	0.000113U	0.000781U	0.000123U	0.000123U	0.000654U	
Acetone	67-64-1	mg/L	0.55	0.00678J	0.000914U	0.000791U	0.000791U	0.00181J	0.010J	0.000914U	0.000791U	0.000791U	0.00160J	
Benzene	71-43-2	mg/L	0.005	0.000624U	0.000649U	0.00567	0.000747U	0.000624U	0.000624U	0.000649U	0.000747U	0.000747U	0.000542U	
Bromodichloromethane	75-27-4	mg/L	0.08	0.000875U	0.000144U	0.0000574U	0.0000574U	0.000875U	0.000875U	0.000144U	0.0000574U	0.0000574U	0.0000531U	
Bromoform	75-25-2	mg/L	0.08	0.000947U	0.000172U	0.000198U	0.000198U	0.00150J	0.000947U	0.000172U	0.000198U	0.000198U	0.000104U	
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000141U	0.000252U	0.000252U	0.000271U	0.000141U	0.000141U	0.000264U	
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000179U	0.000184U	0.000184U	0.0000774U	0.000179U	0.000179U	0.000143U	
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.000825U	0.000156U	0.0000825U	0.0000825U	0.000825U	0.000825U	0.000156U	0.0000825U	0.0000825U	0.000148U	
Chlorobenzene	108-90-7	mg/L	0.10	0.000631U	0.000287U	0.0000715U	0.0000715U	0.000631U	0.000631U	0.000287U	0.0000715U	0.0000715U	0.0000274U	
Chloroethane	75-00-3	mg/L	0.0046	0.000618U	0.000181U	0.000140U	0.000140U	0.000618U	0.000618U	0.000181U	0.000140U	0.000140U	0.000351U	
Chloroform	67-66-3	mg/L	0.08	0.045	0.000164U	0.000287U	0.000287U	0.000164U	0.000426U	0.000287U	0.000164U	0.000287U	0.000565U	
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.00184J	0.000101U	0.000116U	0.000116U	0.000249U	0.000249U	0.000101U	0.000116U	0.000116U	0.0000886U	
Cyclohexane	110-82-7	mg/L	1.00 ^a	0.000722U	0.000105U	0.00299J	0.000722U	0.000722U	0.000722U	0.000105U	0.000722U	0.000722U	0.000644U	
Dibromochloromethane	124-48-1	mg/L	0.08	0.000637U	0.000975U	0.000326U	0.000326U	0.000939J	0.000637U	0.000975U	0.000326U	0.000326U	0.000407U	
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.000680U	NA	NA	NA	0.000680U	0.000680U	NA	NA	NA	NA	
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.000746U	0.000116U	0.0000315U	0.0000315U	0.000746U	0.000746U	0.000116U	0.0000315U	0.0000315U	0.0000312U	
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.000702U	0.000623U	0.0000561U	0.0000561U	0.000702U	0.000702U	0.000623U	0.0000561U	0.0000561U	0.0000542U	
Ethylbenzene	100-41-4	mg/L	0.70	0.000924U	0.000652U	0.0000522U	0.0000522U	0.000924U	0.000924U	0.000652U	0.0000522U	0.0000522U	0.000627U	
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.000569U	0.000135U	0.00340J	0.0000708U	0.000569U	0.000569U	0.000135U	0.0000708U	0.0000708U	0.000347U	
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.000994U	0.000373U	0.000373U	0.000375U	0.000375U	0.000994U	0.000373U	0.000373U	0.00142U	
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.000921U	0.0000754U	0.0000456U	0.0000456U	0.000921U	0.000921U	0.0000754U	0.0000456U	0.0000456U	0.000722U	
Methylene Chloride	75-09-2	mg/L	0.005	0.00907J	0.000959U	0.000142U	0.000142U	0.000959U	0.000959U	0.000142U	0.000142U	0.000142U	0.000327U	
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.011	0.000101U	0.000245U	0.000245U	0.000118U	0.000101U	0.000101U	0.0000817U	
Styrene	100-42-5	mg/L	0.1	0.000821U	0.0000579U	0.0000453U	0.0000453U	0.000821U	0.000821U	0.0000579U	0.0000453U	0.0000453U	0.0000507U	
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000200U	0.000200U	0.000153U	0.0000998U	0.0000998U	0.000121U	
Toluene	108-88-3	mg/L	1.00	0.000434J	0.0000755U	0.0000820U	0.0000820U	0.0000755U	0.000290J	0.0000755U	0.0000820U	0.0000820U	0.0000590U	
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.046	0.000974U	0.00852	0.000164U	0.000164U	0.000974U	0.000164U	0.000974U	0.000618U	
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.000638U	0.000138U	0.0000720U	0.0000720U	0.000638U	0.000638U	0.000138U	0.0000720U	0.0000720U	0.000123U	
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.0000682U	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	0.000155U	0.0000767U	0.0000767U	0.0000538U	0.0000538U	0.000155U	0.0000767U	0.0000767U	0.0000930U	
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000334U	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	0.00316J	0.000103U	0.000103U	0.0000745U	0.0000745U	0.000103U	0.000103U	0.000103U	0.0000613U	
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000770U	0.0000756U	0.0000756U	0.0000972U	0.0000770U	0.0000770U	0.0000517U	
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.0000573U	0.0000573U	0.000122U	0.0000955U	0.0000955U	0.000107U	
Dichlorodifluoromethane				NA	NA	0.0000608U	0.0000608U	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
- 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



OMS-28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

MOBILE, ALABAMA
QUADRANGLE

7.5 MINUTE SERIES
(TOPOGRAPHIC)

CONTOUR INTERVAL 10 FEET

DATED 1982

FIGURE 1-SITE LOCATION MAP



OMS-28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

DRAWN BY: SHS

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

LEGEND

-  FENCE
-  MONITORING WELL LOCATION
-  RESIDENCE

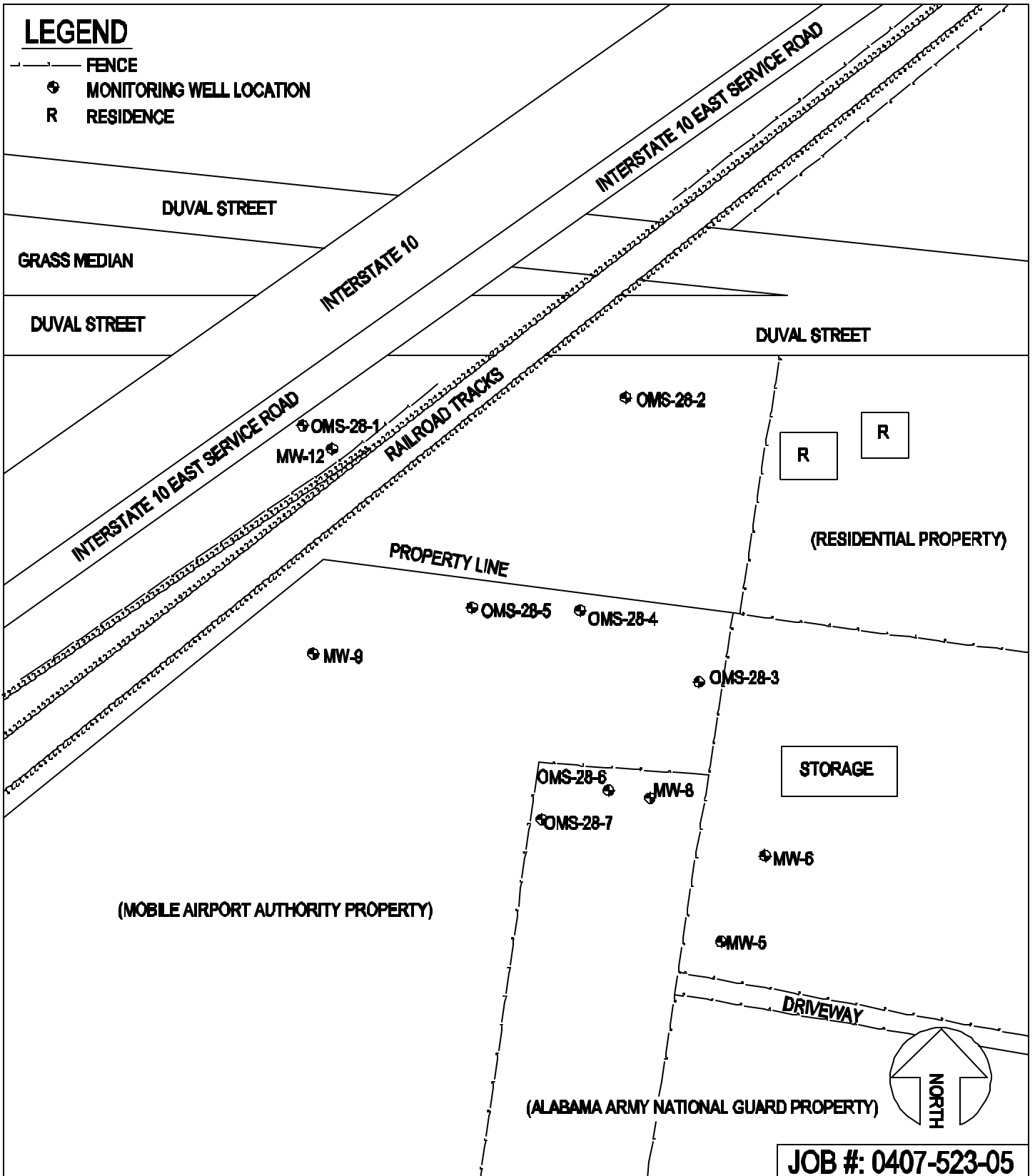


FIGURE 2 - PROJECT SITE MAP



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

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

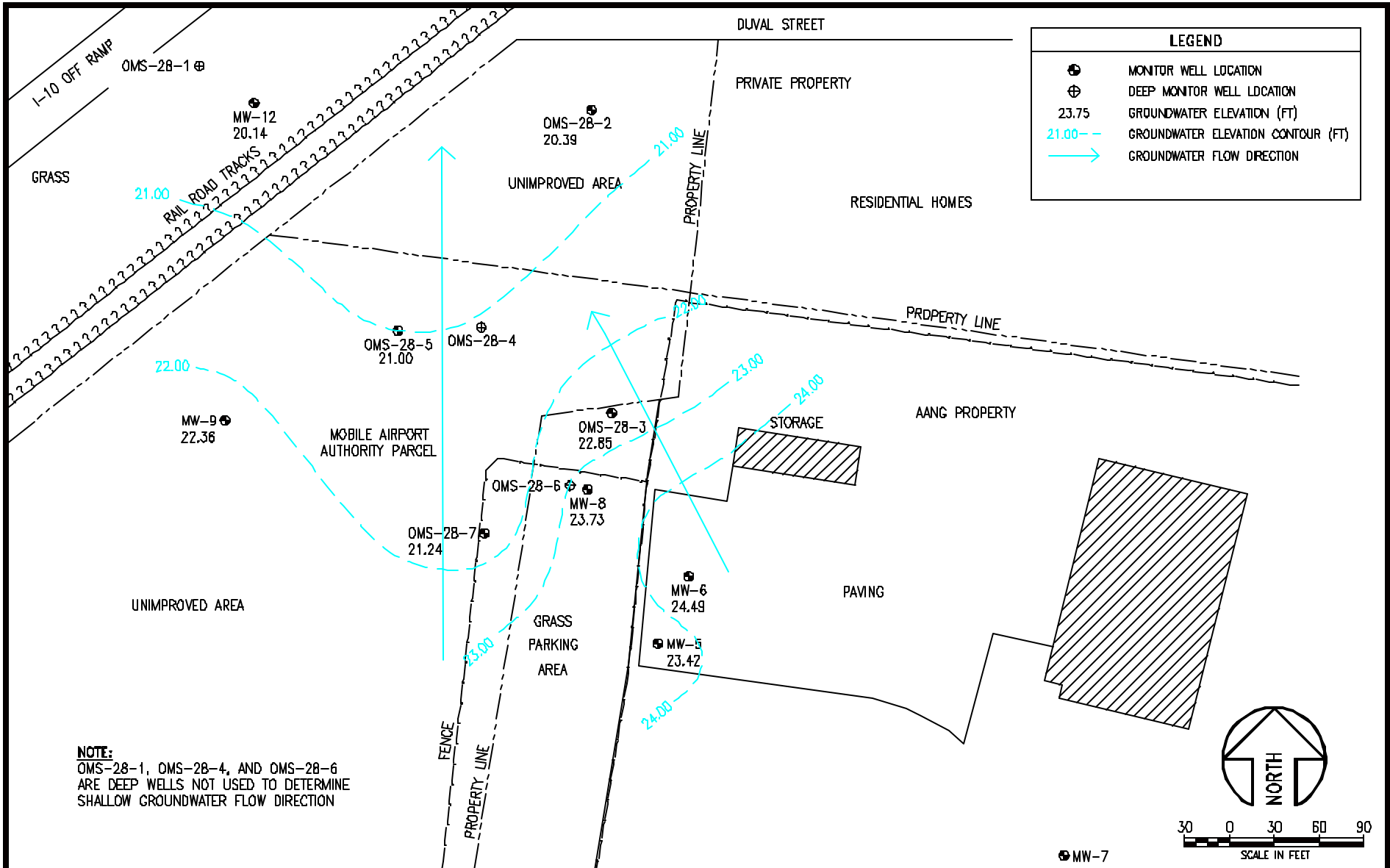


FIGURE 3A - SHALLOW POTENTIOMETRIC SURFACE MAP, MARCH 2010



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05

DATE: MARCH 2010

DRAWN BY: STUART

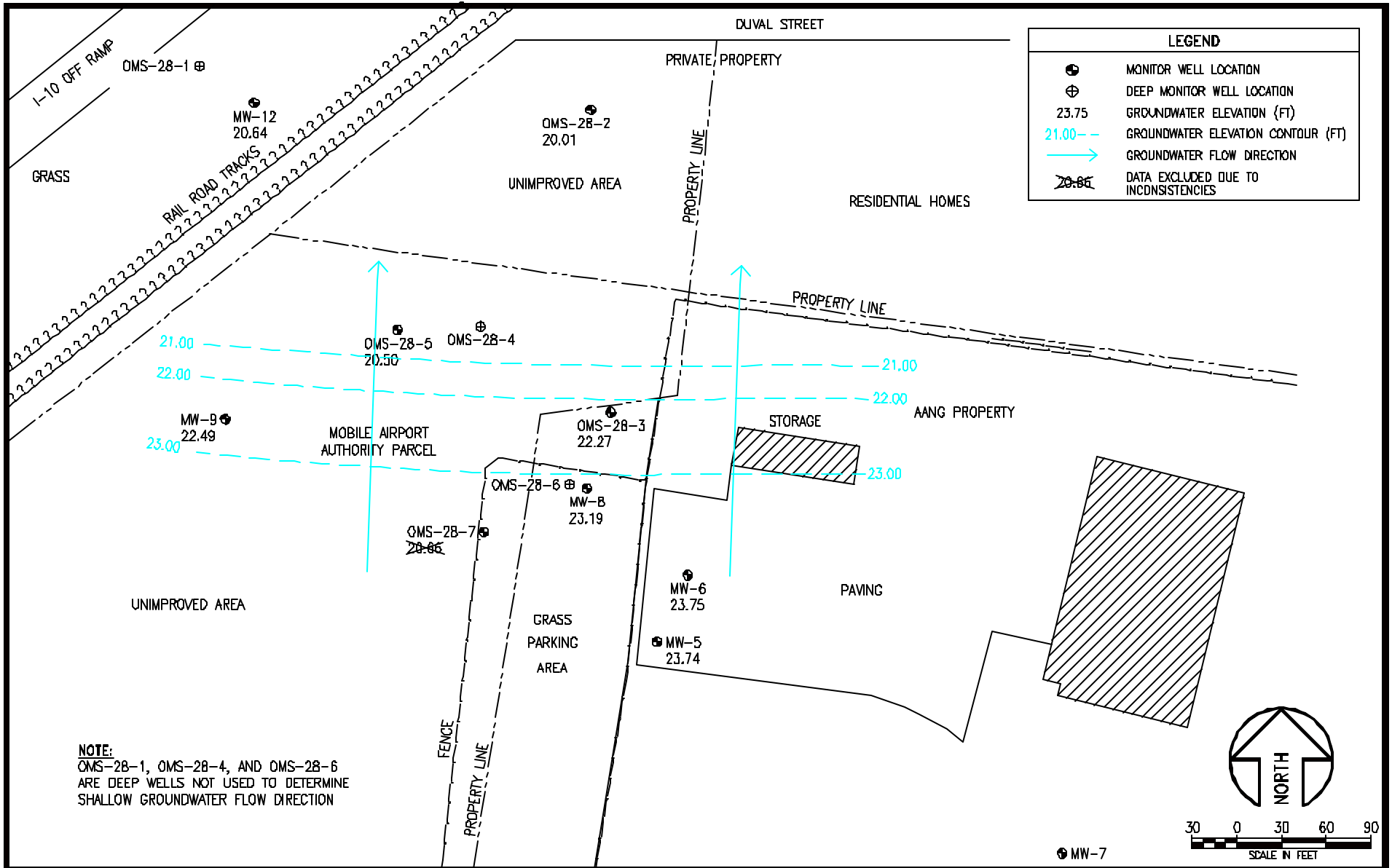


FIGURE 3B - SHALLOW POTENTIOMETRIC SURFACE MAP, NOVEMBER 2009



OMS - 28
 FORMER BROOKLEY FIELD
 MOBILE, ALABAMA

JOB # 0407-523-05

DATE: NOVEMBER 2009

DRAWN BY: ROGERS

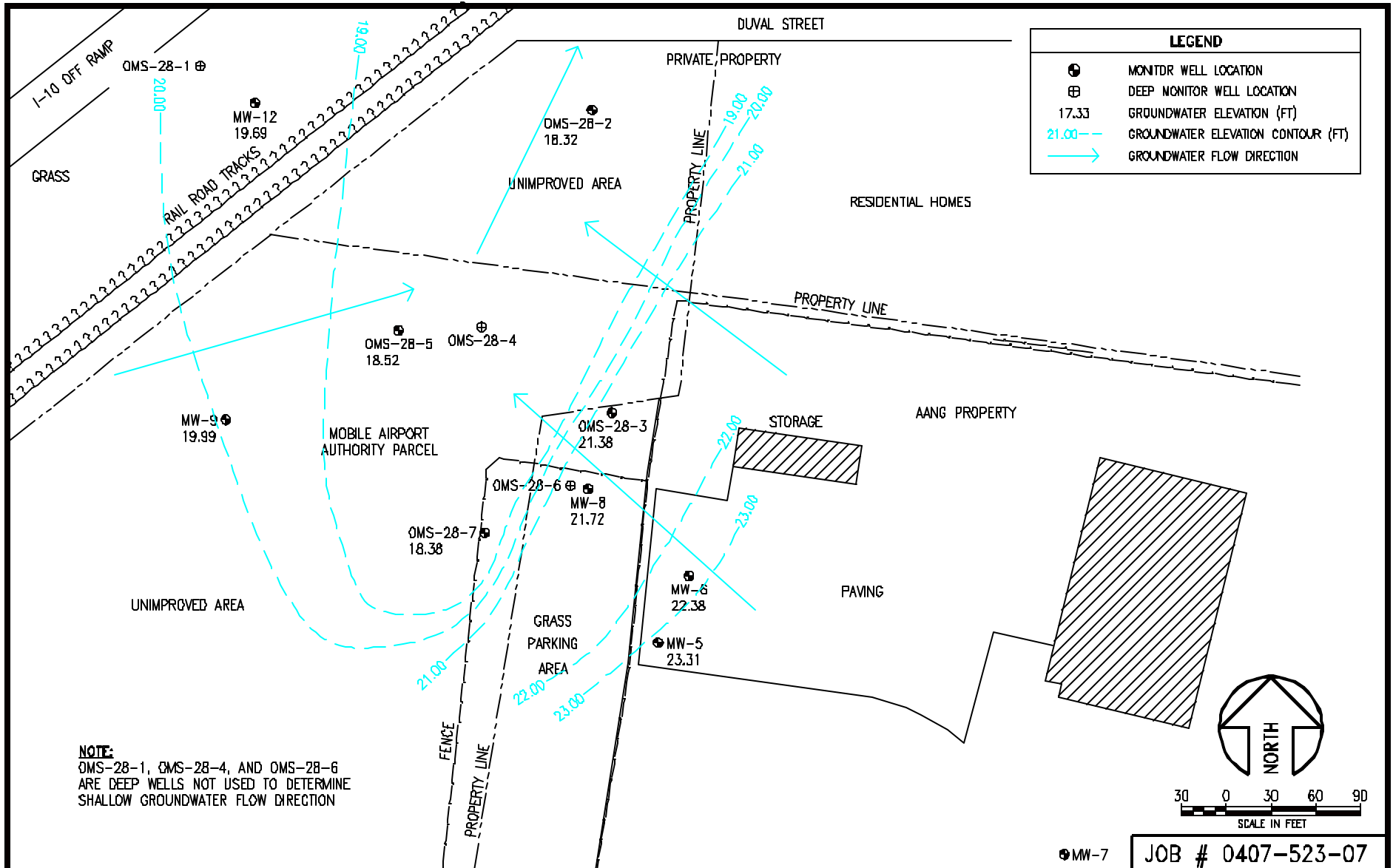


FIGURE 3C - SHALLOW POTENTIOMETRIC SURFACE MAP, MAY 2009



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: JANUARY 2009

DRAWN BY: ESCHETE

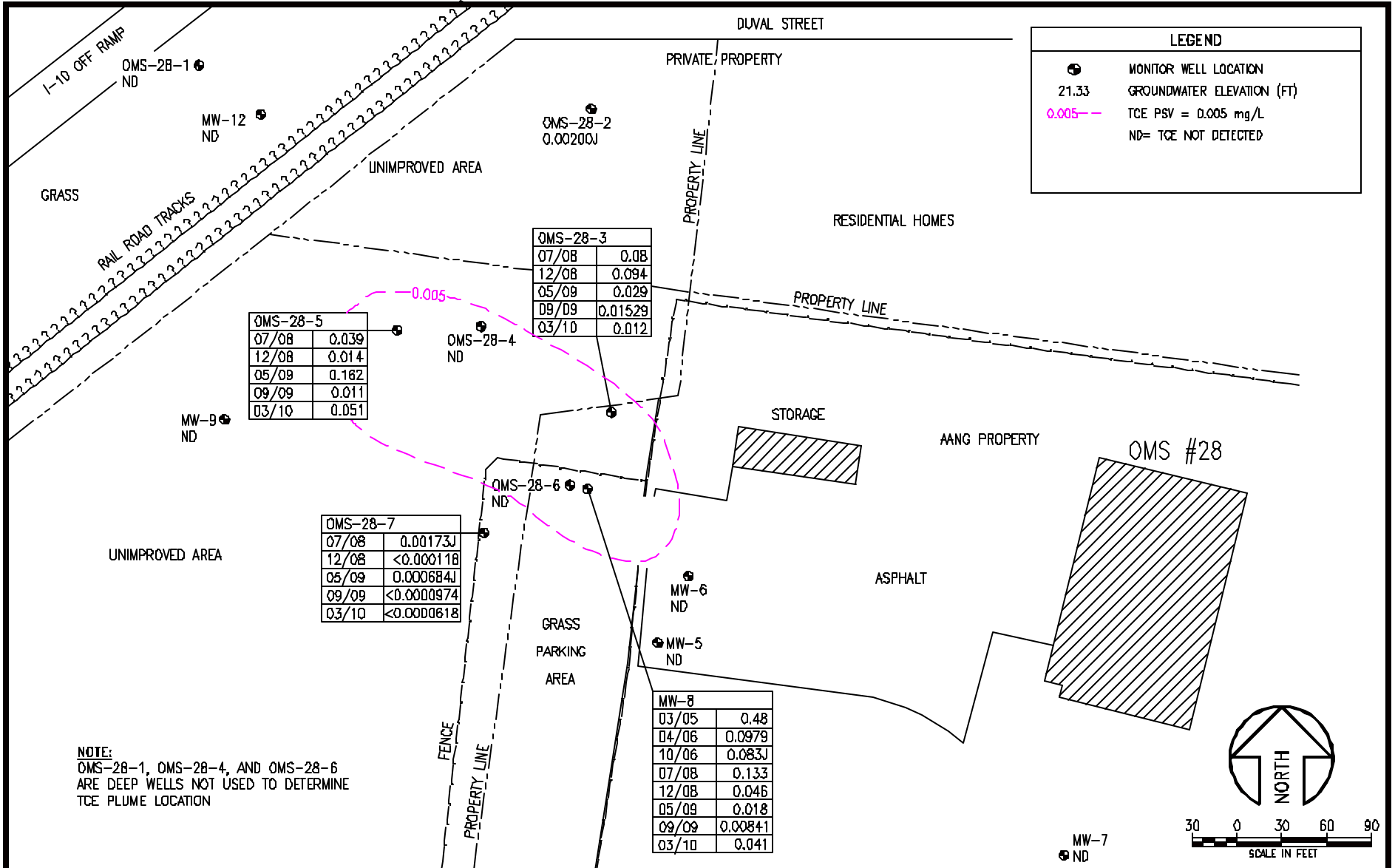


FIGURE 4A – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MARCH 2010



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05

DATE: APRIL 2010

DRAWN BY: STUART

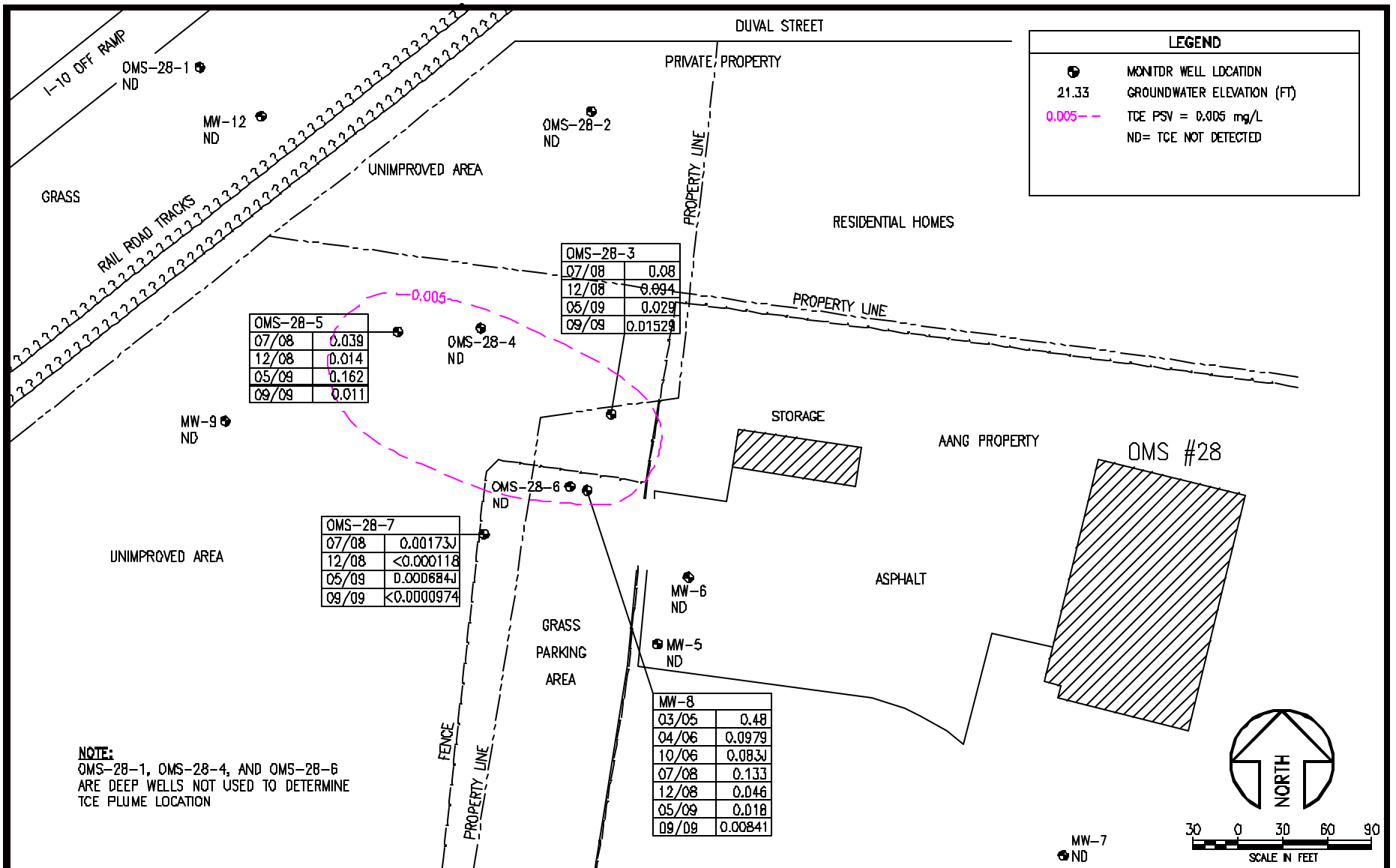


FIGURE 4B – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, SEPTEMBER 2009



OMS - 28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-05

DATE: NOVEMBER 2009

DRAWN BY: MILLS

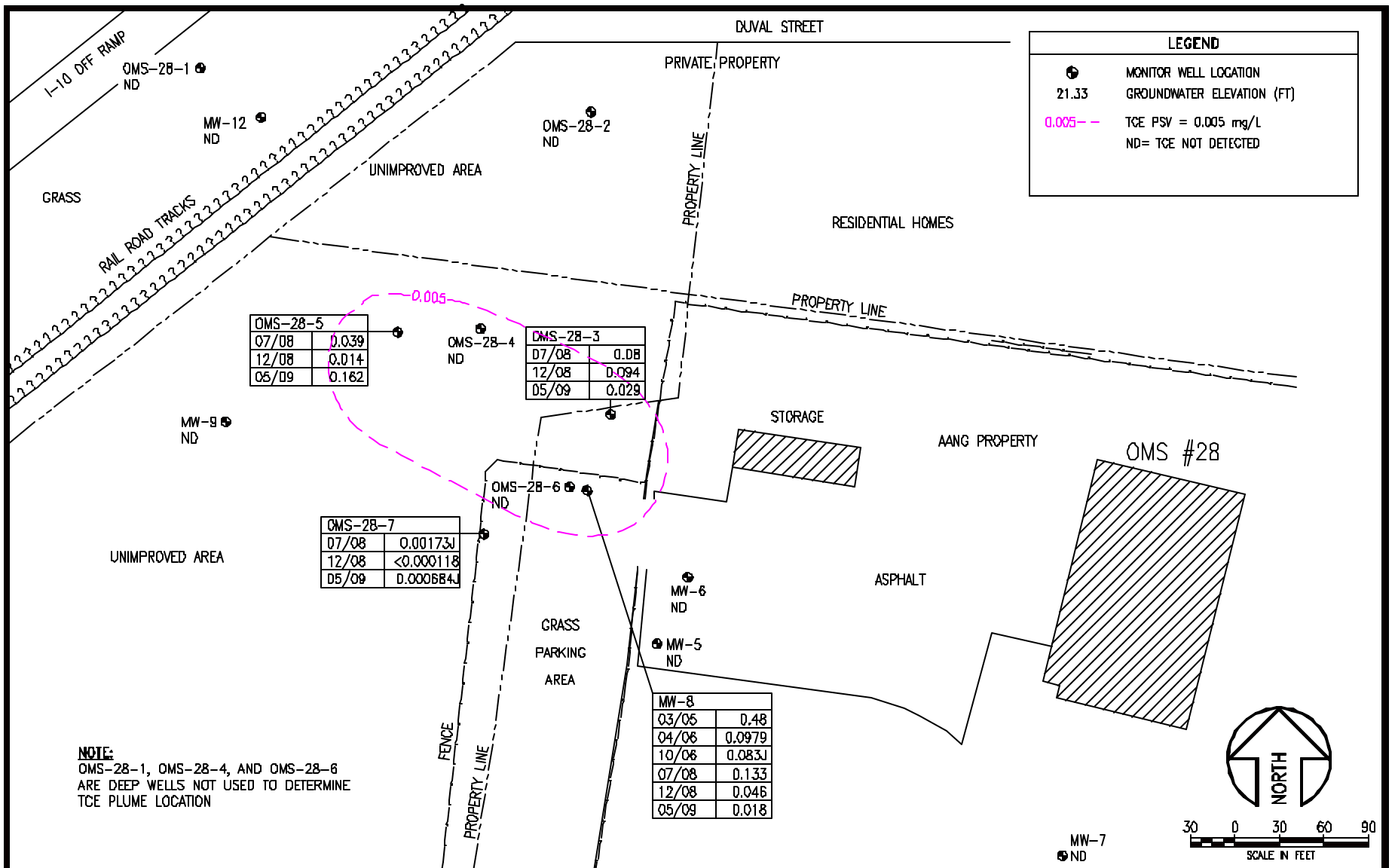


FIGURE 4C - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MAY 2009



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

JOB # 0407-523-07

DATE: MAY 2009

DRAWN BY: ESCHETE

APPENDIX A

Natural Attenuation Monitoring Report Form

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	1/01/09 - 6/30/10
Consulting Firm:	Aerostar, Inc.	Project Manager:	Geoff Reichold, P.G.

Section 1 - Site Summary

Purpose of Monitoring:

- 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
- Type II
- Type III
- Other

Number of Water Supply Wells:

- Public (within 1 mile radius of site)
- Private (within 1000 foot radius of site)
- Other (Explain) _____

Status of Waste Water Disposal:

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

Comments:

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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2010
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	1/01/09 - 6/30/10
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	4.72
MW-6	1994	2.0	2.3	12.3	3.66
MW-8	1994	2.0	4.8	14.8	4.51
MW-9	2006	2.0	7.4	17.4	5.09
MW-12	2006	2.0	5.6	15.6	5.80
OMS-28-1	2008	2.0	70.0	80.0	21.30
OMS-28-2	2008	2.0	10.0	20.0	10.49
OMS-28-3	2008	2.0	10.0	20.0	7.85
OMS-28-4	2008	2.0	66.0	76.0	25.21
OMS-28-5	2008	2.0	10.0	20.0	9.12
OMS-28-6	2008	2.0	66.0	76.0	24.78
OMS-28-7	2008	2.0	10.0	20.0	6.32

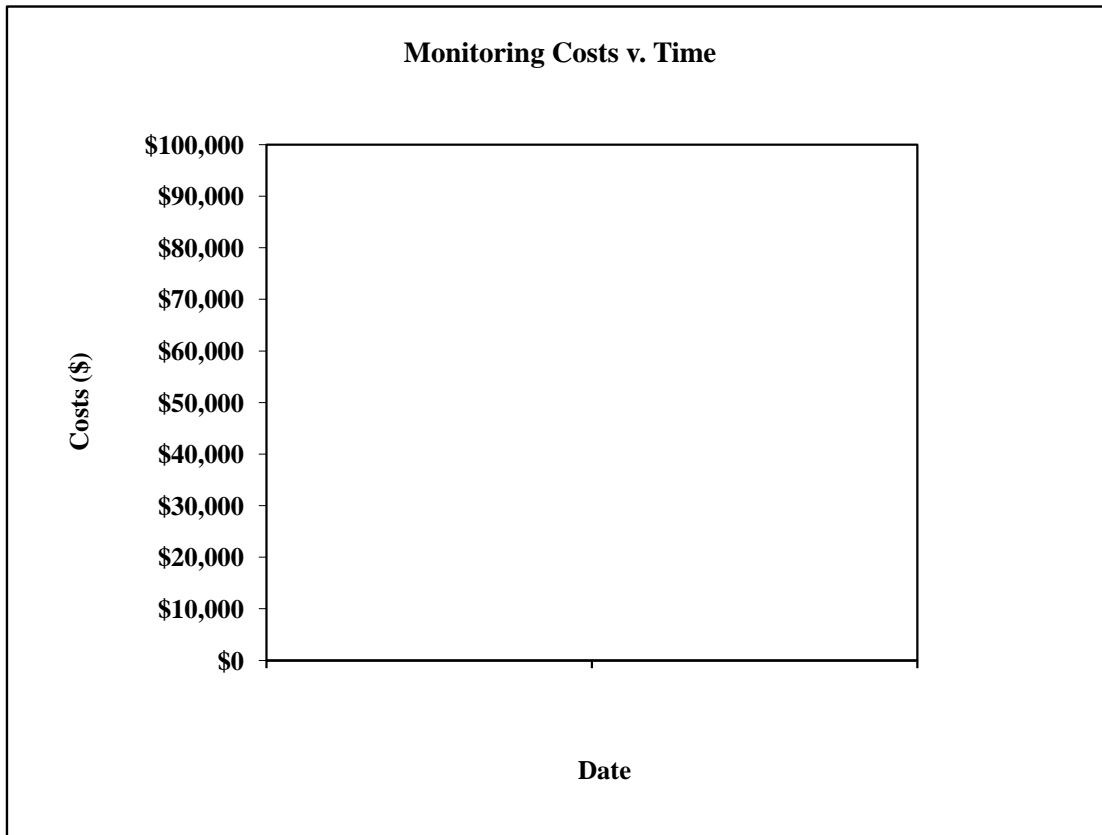
Water Supply Wells						
Well ID	Date Installed	Diameter (inches)	Screened Interval (feet bgs)		Depth to Water (feet bgs)	Well Use

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: 1st biannual
Reporting Period: 1/01/09 - 6/30/10
Project Manager: Geoff Reichold, P.G.

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



APPENDIX B

Laboratory Analytical Results

To: Aerostar

Job ID: Aerostar - Brookley

Attn: Curtis Mills

GCAL Report 210032314



Report Date 03/30/2010

ANALYTICAL RESULTS BY

GULF COAST ANALYTICAL LABORATORIES, INC.

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
21003231401	MW-5	Water	03/18/2010 10:06	03/23/2010 09:35
21003231402	MW-6	Water	03/18/2010 10:47	03/23/2010 09:35
21003231403	OMS-28-6	Water	03/18/2010 11:56	03/23/2010 09:35
21003231404	OMS-28-7	Water	03/18/2010 13:22	03/23/2010 09:35
21003231405	MW-9	Water	03/18/2010 14:11	03/23/2010 09:35
21003231406	OMS-28-2	Water	03/18/2010 15:21	03/23/2010 09:35
21003231407	OMS-28-1	Water	03/18/2010 17:01	03/23/2010 09:35
21003231408	MW-12	Water	03/18/2010 17:36	03/23/2010 09:35
21003231409	RINSATE-1	Water	03/18/2010 16:55	03/23/2010 09:35
21003231410	OMS-28-4	Water	03/19/2010 11:05	03/23/2010 09:35
21003231411	OMS-28-5	Water	03/19/2010 11:47	03/23/2010 09:35
21003231412	OMS-28-3	Water	03/19/2010 12:40	03/23/2010 09:35
21003231413	MW-8	Water	03/19/2010 13:40	03/23/2010 09:35
21003231414	DUP	Water	03/19/2010 00:00	03/23/2010 09:35
21003231415	RINSATE-2	Water	03/19/2010 13:45	03/23/2010 09:35
21003231416	TRIP	Water		03/23/2010 09:35

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231402	MW-6	Water	03/18/2010 10:47	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	0.00184J	0.00500	0.0000542	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00103J	0.00500	0.0000347	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231406	OMS-28-2	Water	03/18/2010 15:21	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.00200J	0.00500	0.0000618	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231410	OMS-28-4	Water	03/19/2010 11:05	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.00450J	0.025	0.00115	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231411	OMS-28-5	Water	03/19/2010 11:47	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.011J	0.025	0.00115	mg/L
127-18-4	Tetrachloroethene	0.081	0.00500	0.000121	mg/L
79-01-6	Trichloroethene	0.051	0.00500	0.0000618	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00630	0.00500	0.0000613	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231412	OMS-28-3	Water	03/19/2010 12:40	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.00617J	0.025	0.00115	mg/L
79-01-6	Trichloroethene	0.012	0.00500	0.0000618	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00137J	0.00500	0.0000613	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231413	MW-8	Water	03/19/2010 13:40	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.022J	0.025	0.00115	mg/L
79-01-6	Trichloroethene	0.041	0.00500	0.0000618	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00207J	0.00500	0.0000613	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231414	DUP	Water	03/19/2010 00:00	03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.00529J	0.025	0.00115	mg/L
79-01-6	Trichloroethene	0.013	0.00500	0.0000618	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00121J	0.00500	0.0000613	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231416	TRIP	Water		03/23/2010 09:35

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.00160J	0.025	0.00115	mg/L

GCAL ID 21003231401	Client ID MW-5	Matrix Water	Collect Date/Time 03/18/2010 10:06	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 17:43	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231401	MW-5	Water	03/18/2010 10:06	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 17:43	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	98	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	101	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID 21003231402	Client ID MW-6	Matrix Water	Collect Date/Time 03/18/2010 10:47	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 19:53	By JCK	Analytical Batch 428650
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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	0.00184J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	mg/L
100-41-4	Ethylbenzene	0.0000627U	0.00500	0.0000627	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00103J	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231402	MW-6	Water	03/18/2010 10:47	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 19:53	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.043	mg/L	87	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.047	mg/L	95	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	102	70 - 120

GCAL ID 21003231403	Client ID OMS-28-6	Matrix Water	Collect Date/Time 03/18/2010 11:56	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 20:16	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231403	OMS-28-6	Water	03/18/2010 11:56	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 20:16	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	93	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	100	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	100	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	107	70 - 120

GCAL ID 21003231404	Client ID OMS-28-7	Matrix Water	Collect Date/Time 03/18/2010 13:22	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 20:39	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231404	OMS-28-7	Water	03/18/2010 13:22	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 20:39	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	92	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	100	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	108	70 - 120

GCAL ID 21003231405	Client ID MW-9	Matrix Water	Collect Date/Time 03/18/2010 14:11	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 21:02	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231405	MW-9	Water	03/18/2010 14:11	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 21:02	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	100	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	107	70 - 120

GCAL ID 21003231406	Client ID OMS-28-2	Matrix Water	Collect Date/Time 03/18/2010 15:21	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 21:25	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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	0.00200J	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231406	OMS-28-2	Water	03/18/2010 15:21	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 21:25	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.044	mg/L	88	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.044	mg/L	89	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.056	mg/L	113	70 - 120

GCAL ID 21003231407	Client ID OMS-28-1	Matrix Water	Collect Date/Time 03/18/2010 17:01	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 21:48	By JCK	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231407	OMS-28-1	Water	03/18/2010 17:01	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 21:48	JCK	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.049	mg/L	98	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	103	70 - 120

GCAL ID 21003231408	Client ID MW-12	Matrix Water	Collect Date/Time 03/18/2010 17:36	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 22:12	By AGC	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231408	MW-12	Water	03/18/2010 17:36	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 22:12	AGC	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	75 - 120
1868-53-7	Dibromofluoromethane	.05	.048	mg/L	96	85 - 115
2037-26-5	Toluene d8	.05	.046	mg/L	92	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	98	70 - 120

GCAL ID 21003231409	Client ID RINSATE-1	Matrix Water	Collect Date/Time 03/18/2010 16:55	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 22:35	By AGC	Analytical Batch 428650
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231409	RINSATE-1	Water	03/18/2010 16:55	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 22:35	AGC	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	93	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.046	mg/L	93	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	105	70 - 120

GCAL ID 21003231410	Client ID OMS-28-4	Matrix Water	Collect Date/Time 03/19/2010 11:05	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 22:59	By AGC	Analytical Batch 428650
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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	0.00450J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231410	OMS-28-4	Water	03/19/2010 11:05	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 22:59	AGC	428650

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	.052	mg/L	104	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	109	70 - 120

GCAL ID 21003231411	Client ID OMS-28-5	Matrix Water	Collect Date/Time 03/19/2010 11:47	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 23:22	By AGC	Analytical Batch 428650
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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	0.011J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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	0.081	0.00500	0.000121	mg/L
108-88-3	Toluene	0.0000590U	0.00500	0.0000590	mg/L
79-01-6	Trichloroethene	0.051	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	0.00630	0.00500	0.0000613	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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231411	OMS-28-5	Water	03/19/2010 11:47	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 23:22	AGC	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	98	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	96	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	98	70 - 120

GCAL ID 21003231412	Client ID OMS-28-3	Matrix Water	Collect Date/Time 03/19/2010 12:40	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/29/2010 23:46	By AGC	Analytical Batch 428650
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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	0.00617J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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	0.012	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	0.00137J	0.00500	0.0000613	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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231412	OMS-28-3	Water	03/19/2010 12:40	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/29/2010 23:46	AGC	428650

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	.048	mg/L	97	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	102	70 - 120

GCAL ID 21003231413	Client ID MW-8	Matrix Water	Collect Date/Time 03/19/2010 13:40	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/30/2010 00:09	By AGC	Analytical Batch 428650
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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	0.022J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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	0.041	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	0.00207J	0.00500	0.0000613	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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231413	MW-8	Water	03/19/2010 13:40	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/30/2010 00:09	AGC	428650

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.057	mg/L	114	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	112	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID 21003231414	Client ID DUP	Matrix Water	Collect Date/Time 03/19/2010 00:00	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/30/2010 00:32	By AGC	Analytical Batch 428650
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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	0.00529J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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	0.00121J	0.00500	0.0000613	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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231414	DUP	Water	03/19/2010 00:00	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/30/2010 00:32	AGC	428650

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	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.051	mg/L	102	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	105	70 - 120

GCAL ID 21003231415	Client ID RINSATE-2	Matrix Water	Collect Date/Time 03/19/2010 13:45	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/30/2010 10:19	By AGC	Analytical Batch 428689
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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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231415	RINSATE-2	Water	03/19/2010 13:45	03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/30/2010 10:19	AGC	428689

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	91	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	103	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	101	70 - 120

GCAL ID 21003231416	Client ID TRIP	Matrix Water	Collect Date/Time	Receive Date/Time 03/23/2010 09:35
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SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/30/2010 10:42	By AGC	Analytical Batch 428689
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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	0.00160J	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
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.00500	0.0000312	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.00500	0.0000542	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
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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003231416	TRIP	Water		03/23/2010 09:35

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/30/2010 10:42	AGC	428689

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	105	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

GC/MS Volatiles Quality Control Summary

Analytical Batch 428650 Prep Batch N/A		Client ID MB428650 GCAL ID 814467 Sample Type Method Blank Analytical Date 03/29/2010 16:54 Matrix Water		LCS428650 814468 LCS 03/29/2010 15:22 Water			LCSD428650 814469 LCSD 03/29/2010 15:45 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	0.00115U	0.00115	0.050	0.056	112	40 - 140	0.049	99	13	30
75-27-4	Bromodichloromethane	0.0000531U	0.0000531	0.050	0.052	104	75 - 120	0.048	95	8	30
75-25-2	Bromoform	0.000104U	0.000104	0.050	0.045	91	70 - 130	0.045	90	0.7	30
74-83-9	Bromomethane	0.000264U	0.000264	0.050	0.055	110	30 - 145	0.054	108	2	30
75-15-0	Carbon disulfide	0.000143U	0.000143	0.050	0.050	100	35 - 160	0.046	91	9	30
56-23-5	Carbon tetrachloride	0.000148U	0.000148	0.050	0.053	106	65 - 140	0.046	92	14	30
75-00-3	Chloroethane	0.000351U	0.000351	0.050	0.052	103	60 - 135	0.054	108	5	30
67-66-3	Chloroform	0.0000565U	0.0000565	0.050	0.052	103	65 - 135	0.042	84	20	30
74-87-3	Chloromethane	0.0000886U	0.0000886	0.050	0.051	103	40 - 125	0.049	99	4	30
124-48-1	Dibromochloromethane	0.0000407U	0.0000407	0.050	0.047	94	60 - 135	0.046	91	3	30
75-71-8	Dichlorodifluoromethane	0.0000960U	0.0000960	0.050	0.051	103	30 - 155	0.046	92	11	30
75-34-3	1,1-Dichloroethane	0.0000305U	0.0000305	0.050	0.051	102	70 - 135	0.044	88	15	30
107-06-2	1,2-Dichloroethane	0.0000860U	0.0000860	0.050	0.048	96	70 - 130	0.044	89	8	30
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.0000613	0.050	0.049	97	70 - 125	0.046	92	6	30
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.000107	0.050	0.052	104	60 - 140	0.048	95	8	30
75-09-2	Methylene chloride	0.000327U	0.000327	0.050	0.053	105	55 - 140	0.049	98	7	30
78-87-5	1,2-Dichloropropane	0.0000641U	0.0000641	0.050	0.050	100	75 - 125	0.045	90	10	30
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.0000312	0.050	0.051	102	70 - 130	0.046	93	9	30
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.0000542	0.050	0.048	95	55 - 140	0.042	84	13	30
100-41-4	Ethylbenzene	0.0000627U	0.0000627	0.050	0.047	95	75 - 125	0.049	97	3	30
591-78-6	2-Hexanone	0.000503U	0.000503	0.050	0.052	103	55 - 130	0.049	98	5	30
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.0000347	0.050	0.046	93	75 - 125	0.049	97	4	30
78-93-3	2-Butanone	0.0000933U	0.0000933	0.050	0.054	109	30 - 150	0.046	91	17	30
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.0000654	0.050	0.053	106	60 - 135	0.049	99	7	30
100-42-5	Styrene	0.0000507U	0.0000507	0.050	0.045	90	65 - 135	0.044	88	1	30
127-18-4	Tetrachloroethene	0.000121U	0.000121	0.050	0.048	95	45 - 150	0.047	93	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.0000728	0.050	0.052	104	65 - 130	0.057	114	9	30
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.000119	0.050	0.047	95	65 - 135	0.053	105	11	30
71-55-6	1,1,1-Trichloroethane	0.000106U	0.000106	0.050	0.053	106	65 - 130	0.047	95	11	30
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.0000951	0.050	0.045	91	75 - 125	0.046	92	2	30
75-69-4	Trichlorofluoromethane	0.000123U	0.000123	0.050	0.051	101	60 - 145	0.051	102	1	30
75-01-4	Vinyl chloride	0.0000930U	0.0000930	0.050	0.049	97	50 - 145	0.042	85	14	30
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.0000823	0.050	0.050	100	50 - 130	0.056	112	12	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 428650 Prep Batch N/A		Client ID MB428650 GCAL ID 814467 Sample Type Method Blank Analytical Date 03/29/2010 16:54 Matrix Water		LCS428650 814468 LCS 03/29/2010 15:22 Water			LCSD428650 814469 LCSD 03/29/2010 15:45 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
106-93-4	1,2-Dibromoethane	0.0000468U	0.0000468	0.050	0.045	90	80 - 120	0.049	98	9	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.0000517	0.050	0.046	92	65 - 125	0.040	80	15	30
1330-20-7	Xylene (total)	0.0000502U	0.0000502	0.150	0.141	94	75 - 130	0.133	89	6	30
108-87-2	Methylcyclohexane	0.0000722U	0.0000722	0.050	0.056	111	77 - 123	0.045	90	21	30
110-82-7	Cyclohexane	0.0000644U	0.0000644	0.050	0.052	103	71 - 127	0.043	86	18	30
79-20-9	Methyl Acetate	0.00142U	0.00142	0.050	0.052	105	55 - 134	0.050	100	4	30
76-13-1	Trichlorotrifluoroethane	0.000127U	0.000127	0.050	0.051	102	72 - 130	0.048	96	7	30
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.0000988	0.050	0.051	101	65 - 130	0.050	101	0.4	30
106-46-7	1,4-Dichlorobenzene	0.000118U	0.000118	0.050	0.051	102	65 - 130	0.051	101	0.2	30
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.0000789	0.050	0.049	98	70 - 120	0.051	102	4	30
91-20-3	Naphthalene	0.0000817U	0.0000817	0.050	0.050	100	55 - 140	0.057	113	13	30
75-35-4	1,1-Dichloroethene	0.000164U	0.000164	0.050	0.049	97	70 - 130	0.048	95	2	30
71-43-2	Benzene	0.0000542U	0.0000542	0.050	0.051	102	80 - 120	0.045	91	12	30
79-01-6	Trichloroethene	0.0000618U	0.0000618	0.050	0.054	108	70 - 125	0.045	90	18	30
108-88-3	Toluene	0.0000590U	0.0000590	0.050	0.047	94	75 - 120	0.047	93	1	30
108-90-7	Chlorobenzene	0.0000274U	0.0000274	0.050	0.050	100	80 - 120	0.047	94	6	30
Surrogate											
460-00-4	4-Bromofluorobenzene	49.6	99	50	47.9	96	75 - 120	50	100		
1868-53-7	Dibromofluoromethane	51.1	102	50	51.3	103	85 - 115	48.6	97		
2037-26-5	Toluene d8	51	102	50	46.8	94	85 - 120	50	100		
17060-07-0	1,2-Dichloroethane-d4	50.6	101	50	55.2	110	70 - 120	46.2	92		

Analytical Batch 428650 Prep Batch N/A		Client ID MW-5 GCAL ID 21003231401 Sample Type SAMPLE Analytical Date 03/29/2010 17:43 Matrix Water		812579MS 814532 MS 03/29/2010 18:20 Water			812579MSD 814533 MSD 03/29/2010 18:43 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	0.00	0.00115	0.050	0.023	45	40 - 140	0.028	55	20	30
75-27-4	Bromodichloromethane	0.00	0.0000531	0.050	0.051	103	75 - 120	0.050	100	3	30
75-25-2	Bromoform	0.00	0.000104	0.050	0.032	63*	70 - 130	0.043	86	31*	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 428650 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix			812579MS 814532 MS 03/29/2010 18:20 Water			812579MSD 814533 MSD 03/29/2010 18:43 Water			
SW-846 8260B		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
74-83-9	Bromomethane	0.00	0.000264	0.050	0.065	130	30 - 145	0.054	108	19	30
75-15-0	Carbon disulfide	0.00	0.000143	0.050	0.057	115	35 - 160	0.048	97	17	30
56-23-5	Carbon tetrachloride	0.00	0.000148	0.050	0.057	114	65 - 140	0.053	106	7	30
75-00-3	Chloroethane	0.00	0.000351	0.050	0.061	122	60 - 135	0.055	111	10	30
67-66-3	Chloroform	0.00	0.0000565	0.050	0.051	102	65 - 135	0.049	98	4	30
74-87-3	Chloromethane	0.00	0.0000886	0.050	0.058	117	40 - 125	0.053	105	10	30
124-48-1	Dibromochloromethane	0.00	0.0000407	0.050	0.038	77	60 - 135	0.046	92	18	30
75-71-8	Dichlorodifluoromethane	0.00	0.0000960	0.050	0.055	109	30 - 155	0.050	99	9	30
75-34-3	1,1-Dichloroethane	0.00	0.0000305	0.050	0.053	107	70 - 135	0.050	100	6	30
107-06-2	1,2-Dichloroethane	0.00	0.0000860	0.050	0.044	87	70 - 130	0.049	98	12	30
156-59-2	cis-1,2-Dichloroethene	0.00	0.0000613	0.050	0.053	106	70 - 125	0.052	104	1	30
156-60-5	trans-1,2-Dichloroethene	0.00	0.000107	0.050	0.056	112	60 - 140	0.051	102	10	30
75-09-2	Methylene chloride	0.00	0.000327	0.050	0.054	108	55 - 140	0.056	112	3	30
78-87-5	1,2-Dichloropropane	0.00	0.0000641	0.050	0.049	98	75 - 125	0.050	100	3	30
10061-01-5	cis-1,3-Dichloropropene	0.00	0.0000312	0.050	0.047	94	70 - 130	0.052	103	9	30
10061-02-6	trans-1,3-Dichloropropene	0.00	0.0000542	0.050	0.039	77	55 - 140	0.043	87	12	30
100-41-4	Ethylbenzene	0.00	0.0000627	0.050	0.046	92	75 - 125	0.047	94	2	30
591-78-6	2-Hexanone	0.00	0.000503	0.050	0.016	33*	55 - 130	0.028	55	51*	30
98-82-8	Isopropylbenzene (Cumene)	0.00	0.0000347	0.050	0.046	92	75 - 125	0.047	95	3	30
78-93-3	2-Butanone	0.00	0.0000933	0.050	0.020	39	30 - 150	0.028	55	34*	30
108-10-1	4-Methyl-2-pentanone	0.00	0.0000654	0.050	0.032	64	60 - 135	0.044	89	32*	30
100-42-5	Styrene	0.00	0.0000507	0.050	0.041	81	65 - 135	0.041	82	1	30
127-18-4	Tetrachloroethene	0.00	0.000121	0.050	0.048	96	45 - 150	0.046	91	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.00	0.0000728	0.050	0.041	82	65 - 130	0.048	96	16	30
120-82-1	1,2,4-Trichlorobenzene	0.00	0.000119	0.050	0.034	67	65 - 135	0.056	112	50*	30
71-55-6	1,1,1-Trichloroethane	0.00	0.000106	0.050	0.056	111	65 - 130	0.052	105	6	30
79-00-5	1,1,2-Trichloroethane	0.00	0.0000951	0.050	0.036	72*	75 - 125	0.043	87	19	30
75-69-4	Trichlorofluoromethane	0.00	0.000123	0.050	0.058	115	60 - 145	0.054	107	7	30
75-01-4	Vinyl chloride	0.00	0.0000930	0.050	0.054	107	50 - 145	0.049	98	9	30
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.0000823	0.050	0.031	63	50 - 130	0.047	93	39*	30
106-93-4	1,2-Dibromoethane	0.00	0.0000468	0.050	0.035	70*	80 - 120	0.044	88	23	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.0000517	0.050	0.023	46*	65 - 125	0.032	63*	31*	30
1330-20-7	Xylene (total)	0.00	0.0000502	0.150	0.133	89	75 - 130	0.138	92	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 428650 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix			812579MS 814532 MS 03/29/2010 18:20 Water			812579MSD 814533 MSD 03/29/2010 18:43 Water			
SW-846 8260B		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
108-87-2	Methylcyclohexane	0.00	0.0000722	0.050	0.055	110	77 - 123	0.051	101	9	30
110-82-7	Cyclohexane	0.00	0.0000644	0.050	0.056	111	71 - 127	0.051	102	9	30
79-20-9	Methyl Acetate	0.00	0.00142	0.050	0.036	71	55 - 134	0.046	93	27	30
76-13-1	Trichlorotrifluoroethane	0.00	0.000127	0.050	0.057	114	72 - 130	0.052	103	10	30
541-73-1	1,3-Dichlorobenzene	0.00	0.0000988	0.050	0.053	105	65 - 130	0.049	98	7	30
106-46-7	1,4-Dichlorobenzene	0.00	0.000118	0.050	0.049	97	65 - 130	0.049	98	0.4	30
95-50-1	1,2-Dichlorobenzene	0.00	0.0000789	0.050	0.047	94	70 - 120	0.047	94	0.2	30
91-20-3	Naphthalene	0.00	0.0000817	0.050	0.029	57	55 - 140	0.057	113	66*	30
75-35-4	1,1-Dichloroethene	0.00	0.000164	0.050	0.057	114	70 - 130	0.051	102	11	30
71-43-2	Benzene	0.00	0.0000542	0.050	0.051	101	80 - 120	0.052	104	2	30
79-01-6	Trichloroethene	0.00	0.0000618	0.050	0.053	105	70 - 125	0.050	100	5	30
108-88-3	Toluene	0.00	0.0000590	0.050	0.045	90	75 - 120	0.045	89	0.9	30
108-90-7	Chlorobenzene	0.00	0.0000274	0.050	0.047	94	80 - 120	0.048	96	2	30
Surrogate											
460-00-4	4-Bromofluorobenzene	.049	98	50	43.1	86	75 - 120	50.7	101		
1868-53-7	Dibromofluoromethane	.05	99	50	51.4	103	85 - 115	53.7	107		
2037-26-5	Toluene d8	.05	101	50	46.6	93	85 - 120	48.2	96		
17060-07-0	1,2-Dichloroethane-d4	.05	100	50	45.6	91	70 - 120	51.9	104		

Analytical Batch 428689 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix			LCS428689 814620 LCS 03/30/2010 08:31 Water			LCSD428689 814621 LCSD 03/30/2010 09:11 Water			
SW-846 8260B		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.00115U	0.00115	0.050	0.052	104	40 - 140	0.052	103	1	30
75-27-4	Bromodichloromethane	0.0000531U	0.0000531	0.050	0.050	101	75 - 120	0.048	96	4	30
75-25-2	Bromoform	0.000104U	0.000104	0.050	0.048	96	70 - 130	0.047	93	3	30
74-83-9	Bromomethane	0.000264U	0.000264	0.050	0.042	83	30 - 145	0.039	79	6	30
75-15-0	Carbon disulfide	0.000143U	0.000143	0.050	0.048	97	35 - 160	0.043	86	12	30
56-23-5	Carbon tetrachloride	0.000148U	0.000148	0.050	0.050	99	65 - 140	0.042	83	18	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 428689 Prep Batch N/A		Client ID MB428689 GCAL ID 814619 Sample Type Method Blank Analytical Date 03/30/2010 09:57 Matrix Water		LCS428689 814620 LCS 03/30/2010 08:31 Water			LCSD428689 814621 LCSD 03/30/2010 09:11 Water				
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
75-00-3	Chloroethane	0.000351U	0.000351	0.050	0.050	100	60 - 135	0.045	90	10	30
67-66-3	Chloroform	0.000466J	0.0000565	0.050	0.046	93	65 - 135	0.044	89	4	30
74-87-3	Chloromethane	0.0000886U	0.0000886	0.050	0.046	92	40 - 125	0.044	89	3	30
124-48-1	Dibromochloromethane	0.0000407U	0.0000407	0.050	0.049	98	60 - 135	0.047	94	4	30
75-71-8	Dichlorodifluoromethane	0.0000960U	0.0000960	0.050	0.046	93	30 - 155	0.038	75	21	30
75-34-3	1,1-Dichloroethane	0.0000305U	0.0000305	0.050	0.049	97	70 - 135	0.045	89	9	30
107-06-2	1,2-Dichloroethane	0.0000860U	0.0000860	0.050	0.046	92	70 - 130	0.046	91	1	30
156-59-2	cis-1,2-Dichloroethene	0.0000613U	0.0000613	0.050	0.050	101	70 - 125	0.048	95	6	30
156-60-5	trans-1,2-Dichloroethene	0.000107U	0.000107	0.050	0.047	94	60 - 140	0.043	85	9	30
75-09-2	Methylene chloride	0.000327U	0.000327	0.050	0.052	104	55 - 140	0.049	98	5	30
78-87-5	1,2-Dichloropropane	0.0000641U	0.0000641	0.050	0.050	100	75 - 125	0.048	96	4	30
10061-01-5	cis-1,3-Dichloropropene	0.0000312U	0.0000312	0.050	0.046	92	70 - 130	0.044	88	4	30
10061-02-6	trans-1,3-Dichloropropene	0.0000542U	0.0000542	0.050	0.046	92	55 - 140	0.045	90	3	30
100-41-4	Ethylbenzene	0.0000627U	0.0000627	0.050	0.052	104	75 - 125	0.047	94	10	30
591-78-6	2-Hexanone	0.000503U	0.000503	0.050	0.046	92	55 - 130	0.046	92	0.2	30
98-82-8	Isopropylbenzene (Cumene)	0.0000347U	0.0000347	0.050	0.047	94	75 - 125	0.043	86	9	30
78-93-3	2-Butanone	0.0000933U	0.0000933	0.050	0.050	100	30 - 150	0.050	100	0	30
108-10-1	4-Methyl-2-pentanone	0.0000654U	0.0000654	0.050	0.047	94	60 - 135	0.047	95	0.8	30
100-42-5	Styrene	0.0000507U	0.0000507	0.050	0.047	94	65 - 135	0.045	90	4	30
127-18-4	Tetrachloroethene	0.000121U	0.000121	0.050	0.048	96	45 - 150	0.043	86	11	30
79-34-5	1,1,2,2-Tetrachloroethane	0.0000728U	0.0000728	0.050	0.048	95	65 - 130	0.046	92	3	30
120-82-1	1,2,4-Trichlorobenzene	0.000119U	0.000119	0.050	0.042	85	65 - 135	0.042	83	2	30
71-55-6	1,1,1-Trichloroethane	0.000106U	0.000106	0.050	0.048	97	65 - 130	0.042	83	15	30
79-00-5	1,1,2-Trichloroethane	0.0000951U	0.0000951	0.050	0.047	93	75 - 125	0.045	90	4	30
75-69-4	Trichlorofluoromethane	0.000123U	0.000123	0.050	0.048	97	60 - 145	0.039	78	21	30
75-01-4	Vinyl chloride	0.0000930U	0.0000930	0.050	0.047	94	50 - 145	0.040	81	15	30
96-12-8	1,2-Dibromo-3-chloropropane	0.0000823U	0.0000823	0.050	0.046	91	50 - 130	0.045	90	2	30
106-93-4	1,2-Dibromoethane	0.0000468U	0.0000468	0.050	0.049	98	80 - 120	0.048	95	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000517U	0.0000517	0.050	0.049	98	65 - 125	0.048	95	3	30
1330-20-7	Xylene (total)	0.0000502U	0.0000502	0.150	0.143	95	75 - 130	0.130	87	10	30
108-87-2	Methylcyclohexane	0.0000722U	0.0000722	0.050	0.047	93	77 - 123	0.042	84	11	30
110-82-7	Cyclohexane	0.0000644U	0.0000644	0.050	0.048	95	71 - 127	0.041	83	14	30
79-20-9	Methyl Acetate	0.00142U	0.00142	0.050	0.046	93	55 - 134	0.045	90	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 428689 Prep Batch N/A		Client ID MB428689 GCAL ID 814619 Sample Type Method Blank Analytical Date 03/30/2010 09:57 Matrix Water			LCS428689 814620 LCS 03/30/2010 08:31 Water			LCSD428689 814621 LCSD 03/30/2010 09:11 Water			
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
76-13-1	Trichlorotrifluoroethane	0.000127U	0.000127	0.050	0.048	96	72 - 130	0.039	78	21	30
541-73-1	1,3-Dichlorobenzene	0.0000988U	0.0000988	0.050	0.046	93	65 - 130	0.044	88	5	30
106-46-7	1,4-Dichlorobenzene	0.000118U	0.000118	0.050	0.048	95	65 - 130	0.045	90	6	30
95-50-1	1,2-Dichlorobenzene	0.0000789U	0.0000789	0.050	0.046	92	70 - 120	0.044	88	4	30
91-20-3	Naphthalene	0.0000817U	0.0000817	0.050	0.042	83	55 - 140	0.040	80	4	30
75-35-4	1,1-Dichloroethene	0.000164U	0.000164	0.050	0.049	98	70 - 130	0.040	81	20	30
71-43-2	Benzene	0.0000542U	0.0000542	0.050	0.051	101	80 - 120	0.047	93	8	30
79-01-6	Trichloroethene	0.0000618U	0.0000618	0.050	0.050	100	70 - 125	0.045	90	11	30
108-88-3	Toluene	0.0000590U	0.0000590	0.050	0.047	94	75 - 120	0.043	86	9	30
108-90-7	Chlorobenzene	0.0000274U	0.0000274	0.050	0.046	92	80 - 120	0.043	85	7	30
Surrogate											
460-00-4	4-Bromofluorobenzene	45.8	92	50	51.5	103	75 - 120	51.9	104		
1868-53-7	Dibromofluoromethane	50.5	101	50	50.8	102	85 - 115	50.6	101		
2037-26-5	Toluene d8	52.3	105	50	49.4	99	85 - 120	49.2	98		
17060-07-0	1,2-Dichloroethane-d4	50.8	102	50	49.4	99	70 - 120	49.7	99		

CASE NARRATIVE

Client: Aerostar **Report:** 210032314

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

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 428650, the MS/MSD exhibited recovery and RPD failures. All LCS/LCSD recoveries and RPDs are acceptable.

Laboratory Endorsement

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

Common Abbreviations Utilized in this Report

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

Reporting Flags Utilized in this Report

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

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

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

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

Robyn Miguez
Technical Director
GCAL REPORT 210032314

THIS REPORT CONTAINS _____ PAGES.

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 **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: **[Signature] / AES** Sampler Signature

Item No.	Field ID No.	Sampled		Grab or Comp.	Matrix Codes	No. Cont.													
		Date	Time																
10	OMS-28-4	3/19/10	1105	Grab	GW	3	3												
11	OMS-28-5	3/19/10	1147	Grab	GW	3	3												
12	OMS-28-3	3/19/10	1240	Grab	GW	3	3												
13	MW-8	3/19/10	1340	Grab	GW	3	3												
14	DUP	3/19/10		Grab	GW	3	3												
15	Rinsate -2	3/19/10	1345	Grab	GW	3	3												
16	TRIP					3	3												

TCL 8260 H	← Preservative
	← Analysis
	REQUESTED DUE DATE
	Remarks Lab. No.
	USACE DET. LIMITS

Shipment Method: **21** ← Total Number of Containers

Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via:		[Signature] / AES	3/19/10	1530	[Signature] / AES	3/19/10	1530
Additional Comments			[Signature] / AES	3/22/10	1700	[Signature] / AES	3/22/10	1700
BROOKLEY DATA PACK.			[Signature] / AES	3-23-10	935	[Signature] / AES	3-23-10	935

Cooler No.(s) / Temperature(s) (°C): **41** Sampling Kit No.: **9396** Equipment ID No.:

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)