

**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**

**AUGUST 2009**

**PREPARED FOR:**



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

**PREPARED BY:**

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

## Certification Page

I certify under penalty of law that I am an Alabama Registered Professional Engineer experienced in hydrogeologic investigations. The investigation described in this report was performed by an Engineer or Alabama Registered Professional Engineer 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.



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Paul Fitch, P.E. # 25490

**TABLE OF CONTENTS**

**1.0 INTRODUCTION** ..... 1

**2.0 PROJECT DESCRIPTION** ..... 3

    2.1 Site Description..... 3

    2.2 Site Background and History..... 4

**3.0 ENVIRONMENTAL ACTIVITIES** ..... 5

    3.1 Activities This Reporting Period..... 5

    3.2 Depth to Water Measurements and Monitoring Well Purging..... 5

    3.3 Monitoring Well Sampling ..... 6

    3.4 Investigation Derived Waste Handling..... 6

**4.0 FINDINGS** ..... 7

    4.1 Groundwater Elevation and Flow Direction..... 7

    4.2 Groundwater Analytical Results ..... 7

    4.3 Discussion..... 9

**5.0 SUMMARY**..... 12

**6.0 RECOMMENDATIONS**..... 13

### **LIST OF TABLES**

Table 1	RNA Field Measurements
Table 2	Liquid Level Summary
Table 3	Groundwater Sample Results

### **LIST OF FIGURES**

Figure 1	Site Location Map
Figure 2	Project Site Map
Figure 3A	Shallow Potentiometric Surface Map, May 2009
Figure 3B	Shallow Potentiometric Surface Map, December 2008
Figure 3C	Shallow Potentiometric Surface Map, August 2008
Figure 4A	Trichloroethene Groundwater Plume, May 2009
Figure 4B	Trichloroethene Groundwater Plume, December 2008
Figure 4C	Trichloroethene Groundwater Plume, July 2008

### **FIGURES**

#### **APPENDIX A**

Natural Attenuation Monitoring Report

#### **APPENDIX B**

Laboratory Analytical Results

## 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
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 second of three groundwater sampling events scheduled at the Alabama Army National Guard (AANG) Organizational Maintenance Shop (OMS) Number 28, herein identified as OMS-28 located at 1622 South Broad Street on the Brookley Complex, Mobile, Mobile County, Alabama (see **Figure 1, Site Location Map**).

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

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

- Collection of depth-to-water measurements
- 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 for subsequent groundwater monitoring and site work

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

## 2.0 PROJECT DESCRIPTION

### 2.1 Site Description

OMS 28 is located in Mobile County, near downtown Mobile at 1622 South Broad Street, between U.S. Interstate Highway 10 and Mobile Bay. The property is relatively flat with an elevation of 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 on Nowlin Street. The surface features consist of vegetative cover comprised of oak trees, scrub trees, grasses, and brush. No structures are present on the OMS-28 study site; however, the AANG facility is located approximately 250 feet east of the site. The nearest residential structure is approximately 250 feet northeast of the site.

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

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



## 2.2 Site Background and History

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

This report documents the results and findings of the second of three groundwater monitoring events conducted to gather sufficient data to prepare an ARBCA evaluation of the site. Data collected during this most recent (May 8, 2009) groundwater monitoring event and previously monitoring events at the OMS-28 site are included in the ADEM Natural Attenuation Monitoring Report Forms (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 report (AEROSTAR November 2008).

### 3.0 ENVIRONMENTAL ACTIVITIES

#### 3.1 Activities This Reporting Period

Activities conducted during the May 8, 2009 site visit included the second of three groundwater gauging and sampling events. A completed Natural Attenuation Monitoring Report form is included as **Appendix A**.

#### 3.2 Depth to Water Measurements and Monitoring Well Purging

On May 8, 2009, prior to groundwater sampling activities, 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 via peristaltic pump per the approved work plan (AEROSTAR March 2008). New Teflon tubing was attached to the pump 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. All decontamination fluids and purge water generated were 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 stabilized. **Table 1, RNA Field Measurements** contains RNA measurements recorded during the May 8, 2009 sampling event and past gauging and sampling events conducted in

December 2008 and July 2008.

### **3.3 Monitoring Well Sampling**

On May 8, 2009, groundwater sampling was completed at monitoring wells MW-5, MW-6, MW-8, MW-9, MW-12, and OMS-28-1 through OMS-28-7. Following purging stabilization, groundwater grab samples were collected per the work plan approved in March 2008. All samples were logged using proper chain-of-custody protocol, and 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-custody 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 has been stored and secured onsite behind a locked fence in properly labeled, sealed 55-gallon steel drums. Once the drums are full, analytical results of the sampling events will be utilized to facilitate the removal of the IDW from the site by a licensed disposal contractor.

## 4.0 FINDINGS

### 4.1 Groundwater Elevation and Flow Direction

Depth to the groundwater at the site was measured on May 8, 2009, with an electronic groundwater level indicator. The depth to the groundwater from the top of casing (TOC) was recorded and this distance was subtracted from TOC elevations for each well. The calculated groundwater elevation in the shallow wells (MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7) during the gauging event varied from 18.32 feet to 22.38 feet national geodetic vertical datum (NGVD). The calculated groundwater elevation in the deep wells (OMS-28-1, OMS-28-4, and OMS-28-6) during the gauging event varied from 4.16 feet to 4.68 feet NGVD. A review of the water level measurements collected on December 10, 2008 from 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 indicates that the groundwater flow direction at the OMS-28 site is to the north northeast. This flow direction is consistent with the flow direction determined during the previous gauging events conducted in December 2008 and August 2008.

Water levels and elevation data, including historic water level data are provided in **Table 2. Figure 3A, Shallow Potentiometric Surface Map, May 2009** identifies generalized groundwater flow direction of the May 8, 2009 groundwater gauging event and **Figures 3B, Shallow Potentiometric Surface Map, December 2008** and **3C, Shallow Potentiometric Surface Map, August 2008** identify the generalized groundwater flow direction of the most recent groundwater gauging events.

### 4.2 Groundwater Analytical Results

Laboratory analytical results for the groundwater samples collected on May 8, 2009 with a breakdown of individual VOC concentrations, including the analytical results from the previous sampling events of

December 10, 2008 and December 11, 2008, and July 1, 2008 are summarized in **Table 3, Groundwater Sample Results**.

**Figure 4A, Trichloroethene Groundwater Plume, May 2009** illustrates the distribution of dissolved-phase TCE for the May 8, 2009 sampling event. **Figures 4B, Trichloroethene Groundwater Plume, December 2008** and **4C Trichloroethene Groundwater Plume, July 2008** illustrate the distribution of dissolved-phase TCE for the for the previous sampling events.

During the previous groundwater sampling event of December 10, 2008 and December 11, 2008, benzene, naphthalene, tetrachloroethene (PCE), and TCE were detected in one or more samples at levels that exceeded ADEM ARBCA Preliminary Screening Values (PSVs). During the May 8, 2009, groundwater sampling event, once again, only benzene, naphthalene, PCE, and TCE were detected at levels that exceeded ADEM ARBCA PSVs. Volatile organic compounds that exceeded an ADEM ARBCA PSV during the May 8, 2009 sampling event are discussed below.

- Benzene was detected during the May 8, 2009 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well MW-6 exhibited a benzene concentration of 0.00555 milligrams per liter (mg/L) which is above the ADEM PSV of 0.005 mg/L. This concentration was confirmed in the duplicate sample collected from monitoring well MW-6. The benzene concentration in MW-6 has decreased since the December 10, 2008 and December 11, 2008 sampling event.
- Naphthalene was detected during the May 8, 2009 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well MW-6, exhibited a naphthalene concentration of 0.011 mg/L. This concentration is above the ADEM PSV of 0.00062 mg/L established for naphthalene. This concentration was confirmed in the duplicate sample collected from monitoring well MW-6. The naphthalene concentration in MW-6 has decreased slightly since the December 10, 2008 and December 11, 2008 sampling event.
- PCE was detected during the May 8, 2009 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well OMS-28-5 exhibited a PCE concentration of 0.234 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 December 10, 2008 and December 11, 2008 sampling event.

- TCE was detected during the May 8, 2009 sampling event in three of the twelve groundwater samples collected. The samples collected from monitoring wells MW-8 , OMS-28-3 and OMS-28-5 exhibited TCE concentrations of 0.018 mg/L, 0.029 mg/L, and 0.162 mg/L, respectively. These concentrations are above the ADEM PSV of 0.0005 mg/L established for TCE. The TCE concentrations in MW-8 and OMS-28-3 have remained stable or decreased slightly since the December 10, 2008 and December 11, 2008 sampling event. The TCE concentration in the groundwater sample collected from OMS-28-5 has increased since the December 10, 2008 and December 11, 2009 sampling events.

### 4.3 Discussion

**Table 3** summarizes the groundwater analytical results while **Figure 2** illustrates the sample locations for the May 8, 2009 sampling event. The groundwater laboratory analytical reports for all groundwater samples collected during this investigation and associated chains-of-custody are provided in **Appendix B**. Contaminants detected in groundwater samples (including estimated “J” values) collected during this investigation are identified as acetone, benzene, chloroform, chloromethane, cyclohexane, isopropylbenzene, methylene chloride, naphthalene, PCE, toluene, TCE, vinyl chloride, (cis)-1,2-dichloroethene, and (trans)-1,2-Dichloroethene. Contaminants detected in groundwater samples (including estimated “J” values) collected during this investigation that exceeded an ADEM PSV are identified as benzene, naphthalene, PCE, and TCE.

The benzene concentration of 0.00555 mg/L detected in the groundwater sample collected from monitoring well MW-6 exceeded the ADEM drinking water PSV for benzene of 0.005 mg/L. However, it should be noted that a Groundwater Resource Protection Target Concentration of 0.0311 mg/L for benzene in compliance wells downgradient from the UST ARBCA was calculated in the ARBCA for OMS 28 Pit #2, dated 1 September 2005. Therefore, the concentration of benzene in MW-6 did not exceed the site specific target level.

The naphthalene concentration of 0.011 mg/L detected in the groundwater sample collected from monitoring well MW-6 exceeded the ADEM drinking water PSV for naphthalene of 0.00062 mg/L. However, it should be noted that a Groundwater Resource Protection Target Concentration of 0.124 mg/L for naphthalene for compliance wells downgradient from the UST was calculated in the UST ARBCA for OMS 28 Pit #2, dated 1 September 2005. Therefore, the concentration of naphthalene in downgradient well MW-6, did not exceed the site specific target level.

During the December 2008 sampling event, naphthalene was detected in MW-6, OMS-28-1 and OMS-28-7 at concentrations exceeding the ADEM PSV. During the May 2009 sampling event, naphthalene was only detected in MW-6 and was not detected in OMS-28-1 or OMS-28-7. There is one additional monitoring event scheduled for this site and an additional ARBCA evaluation. Naphthalene concentrations at OMS-28 will be monitored until updated SSTLs can be calculated in the ARBCA evaluation of the site.

The PCE concentration of 0.234 mg/L detected in the groundwater sample collected from monitoring well OMS-28-5 exceeded the ADEM drinking water PSVs for PCE of 0.0016 mg/L.

The TCE concentrations of 0.018 mg/L, 0.029 mg/L, and 0.162 mg/L detected in the groundwater samples collected from monitoring wells MW-8, OMS-28-3, and OMS-28-5, respectively, exceeded the ADEM drinking water PSV for TCE of 0.005 mg/L.

No other chemical of concern exceed an ADEM drinking water PSV or an EPA regional screening level (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.

Further review of the groundwater analytical results reveals that shallow monitoring wells MW-6, MW-8, OMS-28-3, and OMS-28-5 had at least one concentration of benzene, naphthalene, PCE, and TCE that exceeded an ADEM drinking water PSV.

A visual representation of the estimated TCE plume (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 December 2008 and July 2008 are presented as **Figures 3B** and **3C**.

A comparison of the December 2008 TCE and May 2009 TCE groundwater results indicates that TCE concentrations in the shallow wells at OMS-28 were either stable or decreased slightly. The TCE concentrations in the surficial plume at OMS-28 appear to be stable or decreasing slightly.

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



## 5.0 SUMMARY

Review of the laboratory results of the groundwater samples collected and analyzed during this investigation reveals that four chemicals of concern – benzene, naphthalene, PCE, and TCE, were detected in groundwater at concentrations that exceeded their respective ADEM drinking water PSV. However, it should be noted that the benzene and naphthalene levels measured during this sampling event did not exceed the SSTLs established in the UST ARBCA for OMS 28 Pit #2, dated 1 September 2005.

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 chemical constituent of concern in any deep well (OMS-28-1, OMS-28-4, and OMS-28-6) at the site exceeded any ADEM PSV.

Non-aqueous phase liquid (NAPL) was not encountered in groundwater samples collected from any OMS-28 monitoring well during the May 8, 2009 gauging and sampling event (or previous gauging and sampling events). A comparison of this sampling event and previous sampling events reveals that dissolved-phase VOC concentrations have generally remained stable or decreased at the site.

## 6.0 RECOMMENDATIONS

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

- Conduct the remaining groundwater sampling event to collect information needed to complete an ARBCA assessment of the OMS-28 site;
- Complete an ARBCA assessment of the OMS-28 site to determine further actions.

## **TABLES**

**TABLE 1**  
**RNA FIELD MEASUREMENTS**

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

Sample ID	Sample Date	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)
MW-5	07/01/08	4.1	29.2	0.153	2	NM
	12/11/08	5.1	26.4	0.106	53	3.56
	05/08/09	3.7	23.2	0.179	10	2.20
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
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
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
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
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
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
OMS-28-3	07/08/08	6.0	23.4	0.311	4	NM
	12/11/08	5.1	25.8	0.241	77	0.54
	05/08/09	4.9	21.6	0.308	21	2.92
OMS-28-4	07/08/08	6.1	22.0	0.130	84	NM
	12/10/08	5.4	25.3	0.222	37	2.74
	05/08/09	4.8	22.5	0.101	79	2.43
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
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
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

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

**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
MW-6	12.7	2.3-12.3	28.15	10/13/05	NA	5.22	22.93
				04/18/06	NA	6.76	21.39
				10/18/06	NA	6.70	21.45
				11/22/06	NA	6.33	21.82
				07/01/08	NA	5.84	22.31
				07/08/08	--	--	--
				08/25/08	Inaccessible		
				12/10/08	NA	6.19	21.96
05/08/09	NA	5.77	22.38				
MW-8	15.2	4.8-14.8	28.24	10/13/05	NA	5.84	22.40
				04/18/06	NA	7.20	21.04
				10/18/06	NA	6.80	21.44
				11/22/06	NA	6.58	21.66
				07/01/08	NA	6.20	22.04
				07/08/08	--	--	--
				08/25/08	NA	3.35	24.89
				12/10/08	NA	6.67	21.57
05/08/09	NA	6.52	21.72				
MW-9	17.4	7.4-17.4	27.45	11/22/06	NA	6.86	20.59
				07/01/08	NA	7.40	20.05
				07/08/08	--	--	--
				08/25/08	NA	3.41	24.04
				12/10/08	NA	7.81	19.64
				05/08/09	NA	7.46	19.99
MW-12	15.6	5.6-15.6	25.94	11/22/06	NA	5.90	20.04
				07/01/08	NA	6.20	19.74
				07/08/08	--	--	--
				08/25/08	NA	3.88	22.06
				12/10/08	NA	6.52	19.42
				05/08/09	NA	6.25	19.69

**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
OMS-28-2	20.0	10-20	30.88	07/01/08	NA	12.91	17.97
				07/08/08	--	--	--
				08/25/08	NA	8.31	22.57
				12/10/08	NA	13.55	17.33
				05/08/09	NA	12.56	18.32
OMS-28-3	20.0	10-20	30.70	07/01/08	NA	9.05	21.65
				07/08/08	--	--	--
				08/25/08	NA	7.78	22.92
				12/10/08	NA	9.60	21.10
				05/08/09	NA	9.32	21.38
OMS-28-4	76.0	66-76	27.99	07/01/08	--	--	--
				07/08/08	NA	26.85	1.14
				08/25/08	NA	28.89	-0.90
				12/10/08	NA	27.19	0.80
				05/08/09	NA	26.02	4.68
OMS-28-5	20.0	10-20	30.12	07/01/08	NA	11.90	18.22
				07/08/08	--	--	--
				08/25/08	NA	8.79	21.33
				12/10/08	NA	12.44	17.68
				05/08/09	NA	11.60	18.52
OMS-28-6	76.0	66-76	30.31	07/01/08	--	--	--
				07/08/08	NA	26.70	3.61
				08/25/08	NA	25.51	4.80
				12/10/08	NA	27.07	3.24
				05/08/09	NA	26.08	4.23
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

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	OMS-28-4 (Deep Well)			OMS-28-5			OMS-28-6 (Deep Well)			OMS-28-7			IDW
				07/08/08	12/10/08	05/08/09	07/01/08	12/11/08	05/08/09	07/08/08	12/10/08	05/08/09	07/01/08	12/10/08	05/08/09	
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U	0.0000683U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U	0.000148U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.0000547U	0.000146U	0.0000928U	0.0000547U	0.000146U	0.0000928U	0.0000547U	0.000146U	0.0000928U	0.0000547U	0.000146U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U	0.0000801U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.0000201U	0.000119U	0.0000961U	0.0000201U	0.000119U	0.0000961U	0.0000201U	0.000119U	0.0000961U	0.0000201U	0.000119U	0.0000961U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U	0.000223U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000356U
1,2-Dichloroethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U	0.000158U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U	0.000109U
1,2-Dichloroethene	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U	0.0000663U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000559U	0.0000555U	0.0000960U	0.0000559U	0.0000555U	0.0000960U	0.0000559U	0.0000555U	0.0000960U	0.0000559U	0.0000555U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U	0.0000861U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U	0.0000961U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U	0.000487U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U	0.000308U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000119U	0.0000781U	0.000123U	0.000119U	0.0000781U	0.000123U	0.000119U	0.0000781U	0.000123U	0.000119U	0.0000781U	0.000123U	0.000119U
Acetone	67-64-1	mg/L	0.55	<b>0.00207J</b>	0.000914U	0.000791U	<b>0.00355J</b>	0.000914U	0.000791U	<b>0.00355J</b>	0.000914U	0.000791U	<b>0.00487J</b>	0.000914U	0.000791U	<b>0.00563J</b>
Benzene	71-43-2	mg/L	0.005	0.000624U	0.0000649U	0.0000747U	0.000624U	0.0000649U	0.0000747U	0.000624U	0.0000649U	0.0000747U	0.000624U	0.0000649U	0.0000747U	0.000624U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U	0.0000875U
Bromoforn	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U	0.0000947U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U	0.000252U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U	0.000184U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U	0.0000631U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U	0.0000618U
Chloroforn	67-66-3	mg/L	0.08	<b>0.000219J</b>	0.000164U	0.000287U	0.000164U	0.000287U	0.000164U	0.000287U	0.000164U	0.000287U	0.000164U	0.000287U	0.000164U	<b>0.014</b>
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000116U	0.000249U	0.000101U	0.000116U	0.000249U	0.000101U	0.000116U	0.000249U	0.000101U	0.000116U	<b>0.00963J</b>
Cyclohexane	110-82-7	mg/L	1.000 <sup>a</sup>	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U	0.0000637U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	0.0000680U	NA	NA	0.0000680U	NA	NA	0.0000680U	NA	NA	0.0000680U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U	0.0000746U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U	0.0000702U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U	0.0000924U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	0.0000708U	0.0000569U
Methyl acetate	79-20-9	mg/L	6100 <sup>a</sup>	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U	0.000375U
Methylcyclohexane	108-87-2	mg/L	2600 <sup>a</sup>	0.0000921U	0.0000754U	0.0000456U	0.0000921U	0.0000754U	0.0000456U	0.0000921U	0.0000754U	0.0000456U	0.0000921U	0.0000754U	0.0000456U	0.0000921U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.000142U	0.0000765U	0.0000959U	0.000142U	0.0000765U	0.0000959U	0.000142U	0.0000765U	0.0000959U	0.000142U	<b>0.00278J</b>
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	0.000101U	0.000245U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U	0.0000821U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000988U	<b>0.13</b>	<b>0.0092</b>	<b>0.234</b>	0.000200U	0.000153U	0.0000988U	0.000200U	0.000153U	0.0000988U	0.000200U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U	<b>0.00369J</b>
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	<b>0.039</b>	<b>0.014</b>	<b>0.162</b>	0.000164U	0.000118U	0.0000974U	<b>0.00173J</b>	0.000164U	0.000118U	0.0000974U
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U	0.0000638U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.000168U	0.000168U	0.000230U	0.000168U	0.000168U	0.000230U	0.000168U	0.000168U	0.000230U	0.000168U	0.000168U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U	<b>0.0000538</b>
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U	0.000194U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	<b>0.012</b>	<b>0.0087</b>	<b>0.02</b>	0.0000745U	0.00016					

TABLE 3  
Groundwater Sample Results  
OMS 28  
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	RINSATE-1			RINSATE-2			DUP-1 (MW-1)	DUP-1 (OMS-28-4)	DUP-1 (OMS-28-1)	DUP-2 (OMS-28-1)	DUP-2 (MW-8)	DUP-2 (MW-6)
				07/01/08	12/10/08	05/08/09	07/08/08	12/11/08	05/08/09	07/01/08	12/10/08	05/08/09	07/08/08	12/11/08	5/8/2009
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U	0.0000683U	0.0000963U	0.0000432U
1,1,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U	0.000148U	0.000154U	0.000105U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000148U	0.0000928U	0.0000547U	0.000148U	0.0000928U	0.0000547U	0.000148U	0.0000928U	0.0000547U	0.000148U	0.0000928U	0.0000547U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U	0.0000801U	0.0000859U	0.0000346U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.000119U	0.0000961U	0.000201U	0.000119U	0.0000961U	0.000201U	0.000119U	0.0000961U	0.000201U	0.000119U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U	0.000223U	0.0000912U	0.000107U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U	0.000356U	0.000129U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U	0.000158U	0.000202U	0.0000651U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U	0.000109U	0.0000690U	0.000102U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U	0.0000663U	0.0000898U	0.0000640U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000559U	0.0000960U	0.0000559U	0.0000559U	0.0000960U	0.0000559U	0.0000559U	0.0000960U	0.0000559U	0.0000559U	0.0000960U	0.0000559U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U	0.0000861U	0.000132U	0.0000937U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U	0.0000961U	0.0000572U	0.000129U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U	0.000487U	0.000176U	0.000405U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U	0.000308U	0.000105U	0.0000661U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000123U	0.000113U	0.0000781U	0.000123U	0.000113U	0.0000781U	0.000123U	0.000113U	0.0000781U	0.000123U
Acetone	67-64-1	mg/L	0.55	<b>0.00366J</b>	0.000914U	0.000791U	<b>0.00345J</b>	0.000914U	0.000791U	<b>0.00345J</b>	0.000914U	0.000791U	<b>0.00345J</b>	0.000914U	0.000791U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000747U	0.0000624U	0.0000649U	0.0000747U	0.0000624U	0.0000649U	0.0000747U	0.0000624U	0.0000649U	0.0000747U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U	0.0000875U	0.000144U	0.0000574U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U	0.0000947U	0.000172U	0.000198U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U	0.000252U	0.000271U	0.000141U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U	0.000184U	0.0000774U	0.000179U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U	0.0000631U	0.000287U	0.0000715U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U	0.0000618U	0.000181U	0.000140U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.000287U	0.0000426U	0.000164U	0.000287U	0.0000426U	0.000164U	0.000287U	<b>0.00338J</b>	<b>0.00338J</b>	0.000164U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	<b>0.000884J</b>	0.000101U	0.000116U	<b>0.00133J</b>	0.000101U	0.000116U	0.000249U	0.000101U	0.000116U	<b>0.00184J</b>	0.000101U	0.000116U
Cyclohexane	110-82-7	mg/L	1000 <sup>a</sup>	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	<b>0.00299J</b>
Dibromochloromethane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U	0.0000637U	0.0000975U	0.0000326U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000680U	NA	NA	0.0000680U	NA	NA	0.0000680U	NA	NA	0.0000680U	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U	0.0000746U	0.000116U	0.0000315U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U	0.0000702U	0.0000623U	0.0000561U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U	0.0000924U	0.0000652U	0.0000522U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	0.0000708U	0.0000569U	0.000135U	<b>0.00340J</b>
Methyl acetate	79-20-9	mg/L	6100 <sup>a</sup>	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U	0.000375U	0.000994U	0.000373U
Methylcyclohexane	108-87-2	mg/L	2600 <sup>a</sup>	0.0000921U	0.0000754U	0.0000456U	<b>0.0000921</b>	0.0000754U	0.0000456U	0.0000921U	0.0000754U	0.0000456U	0.0000921U	0.0000754U	0.0000456U
Methylene Chloride	75-09-2	mg/L	0.005	<b>0.000797J</b>	0.0000959U	0.000142U	<b>0.000800J</b>	0.0000959U	0.000142U	0.0000765U	0.0000959U	0.000142U	<b>0.000907J</b>	0.0000959U	0.000142U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	0.000101U	0.000245U	0.000118U	<b>0.011</b>
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U	0.0000821U	0.0000579U	0.0000453U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.0000998U	0.000200U	0.000153U	0.0000998U	0.000200U	0.000153U	0.0000998U	0.000200U	0.000153U	0.0000998U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U	0.0000675U	0.0000755U	0.0000820U
Trichloroethene (TCE)	78-01-6	mg/L	0.005	0.000164U	0.000118U	0.0000974U	0.000164U	0.000118U	0.0000974U	<b>0.122</b>	0.000118U	0.0000974U	0.000164U	0.000118U	<b>0.046</b>
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U	0.0000638U	0.000138U	0.0000720U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.0000682U	0.000168U	0.000230U	0.0000682U	0.000168U	0.000230U	0.0000682U	0.000168U	0.000230U	0.0000682U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U	0.0000538U	0.000155U	0.0000767U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U	0.000194U	0.000183U	0.000334U
(cis)-1,2-Dichloroethane	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.000103U	0.0000745U	0.000162U	0.000103U	<b>0.00437J</b>	0.000162U	0.000103U	0.0000745U	0.000162U	<b>0.00316J</b>
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000972U	0.0000756U	0.0000769U	0.0000972U	0.0000756U	0.0000769U	0.0000972U	0.0000756U	0.0000769U	0.0000972U
(trans)-1,2-Dichloroethane	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000955U	0.0000573U	0.000122U	0.0000955U	0.0000573U	0.000122U	0.0000955U	0.0000573U	0.000122U	0.0000955U
Dichlorodifluoroethane				NA	NA	0.0000608U	NA	NA	0.0000608U	NA	NA	0.0000608U	NA	NA	0.0000608U

**Footnotes**

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June
- Italicized contaminant – no ARBCA PSV available.
- <sup>a</sup> – 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 AR
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.
- U – flag indicates the compound was analyzed for but was not detected
- NE = Not established
- NA = Not analyzed

TABLE 3  
Groundwater Sample Results  
OMS 28  
Brookley Air Force Base

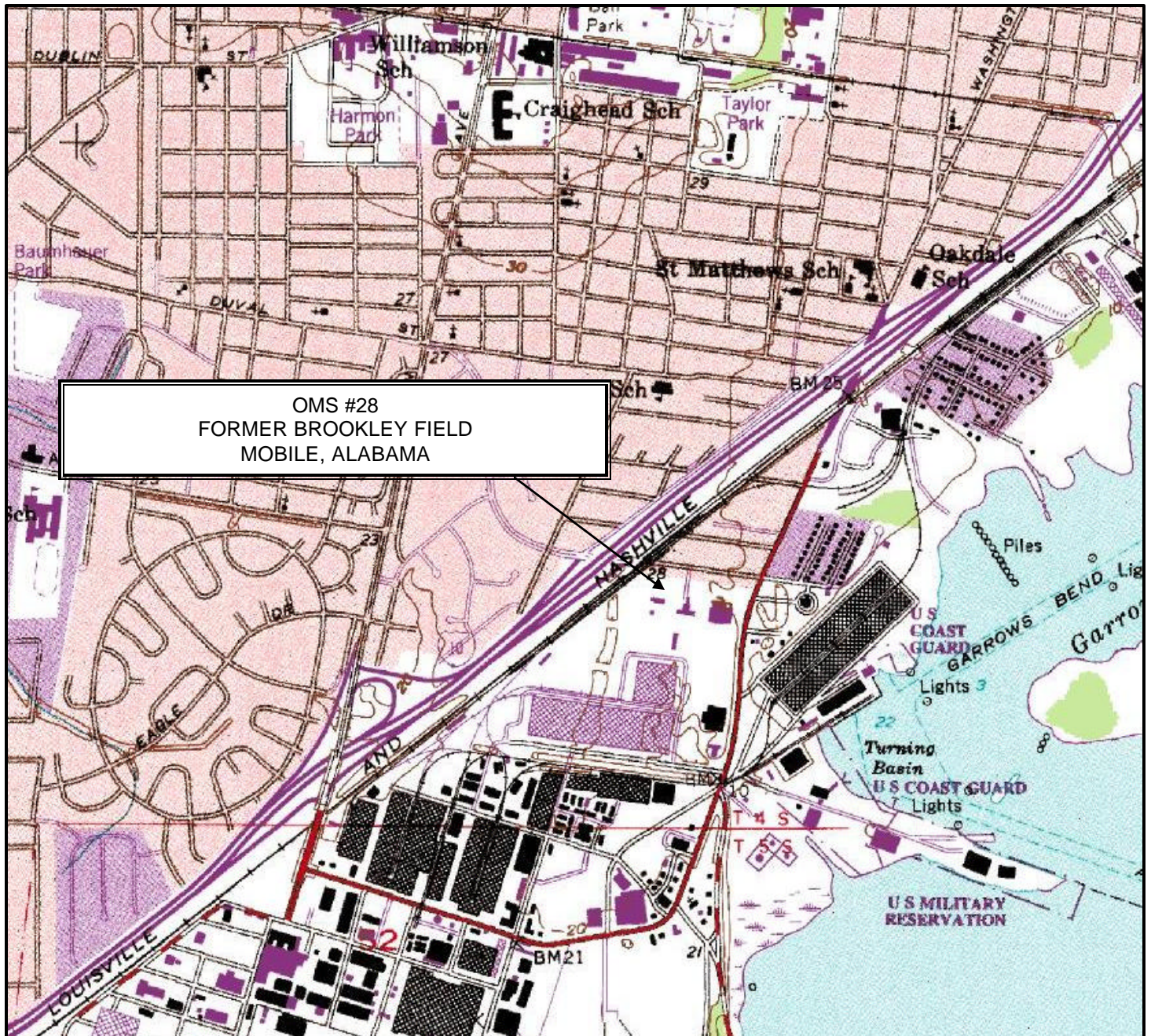
ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location			
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	TRIP BLANK			
				07/14/08	07/01/08	12/11/08	5/8/2009
				1,1,1-Trichloroethane	71-55-6	mg/L	0.02
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000148U	0.000154U	0.000105U
1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000146U	0.0000928U	0.0000547U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000801U	0.0000859U	0.0000346U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.0000961U	0.000201U	0.000119U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000223U	0.0000912U	0.000107U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000356U	0.000129U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000158U	0.000202U	0.0000651U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.000109U	0.0000690U	0.000102U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000663U	0.0000898U	0.0000640U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000555U	0.0000960U	0.0000559U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	<b>0.000257J</b>	0.000132U	0.0000937U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000961U	0.0000572U	0.000129U
2-Butanone (MEK)	78-93-3	mg/L	0.70	<b>0.000487</b>	0.000487U	0.000176U	0.000405U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000308U	0.000105U	0.0000661U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	<b>0.00013U</b>	0.00013U	0.0000781U	0.000123U
Acetone	67-64-1	mg/L	0.55	<b>0.00181J</b>	<b>0.010J</b>	0.000914U	0.000791U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000624U	0.0000649U	0.0000747U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.0000875U	0.000144U	0.0000574U
Bromoform	75-25-2	mg/L	0.08	<b>0.00150J</b>	0.0000947U	0.000172U	0.000198U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000252U	0.000271U	0.000141U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.000184U	0.0000774U	0.000079U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.0000825U	0.000156U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.0000631U	0.000287U	0.0000715U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.0000618U	0.000181U	0.000140U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.0000426U	0.000164U	0.000287U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000249U	0.000101U	0.000116U
Cyclohexane	110-82-7	mg/L	1000 <sup>a</sup>	0.0000722U	0.0000722U	0.000105U	0.0000722U
Dibromochloromethane	124-48-1	mg/L	0.08	<b>0.000939J</b>	0.0000637U	0.0000975U	0.0000326U
Dibromodifluoromethane	75-71-8	mg/L	0.039	0.0000890U	0.0000890U	NA	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.0000746U	0.000116U	0.0000315U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000702U	0.0000623U	0.0000561U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000924U	0.0000652U	0.0000522U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.0000569U	0.000135U	0.0000708U
Methyl acetate	79-20-9	mg/L	6100 <sup>a</sup>	0.000375U	0.000375U	0.000994U	0.000373U
Methylcyclohexane	108-87-2	mg/L	2600 <sup>a</sup>	0.0000921U	0.0000921U	0.0000754U	0.0000456U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000765U	0.0000959U	0.000142U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000245U	0.000118U	0.000101U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000821U	0.0000579U	0.0000453U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000200U	0.000153U	0.0000998U
Toluene	108-88-3	mg/L	1.00	0.0000675U	<b>0.000290J</b>	0.0000755U	0.0000820U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000164U	0.000118U	0.0000974U
Trichlorofluoromethane	75-69-4	mg/L	0.13	0.0000638U	0.0000638U	0.000138U	0.0000720U
Trichlorotrifluoroethane	76-13-1	mg/L	NE	0.000168U	0.000168U	0.000230U	0.0000682U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.0000538U	0.000155U	0.0000767U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000194U	0.000183U	0.000334U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.0000745U	0.000162U	0.000103U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000756U	0.0000769U	0.0000972U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.0000573U	0.000122U	0.0000955U
Dichlorodifluoromethane				NA	NA	NA	0.0000608U

**Footnotes**

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June
- Italicized contaminant – no ARBCA PSV available.
- <sup>a</sup> – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites.
- Bold font indicates a detected concentration
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- 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

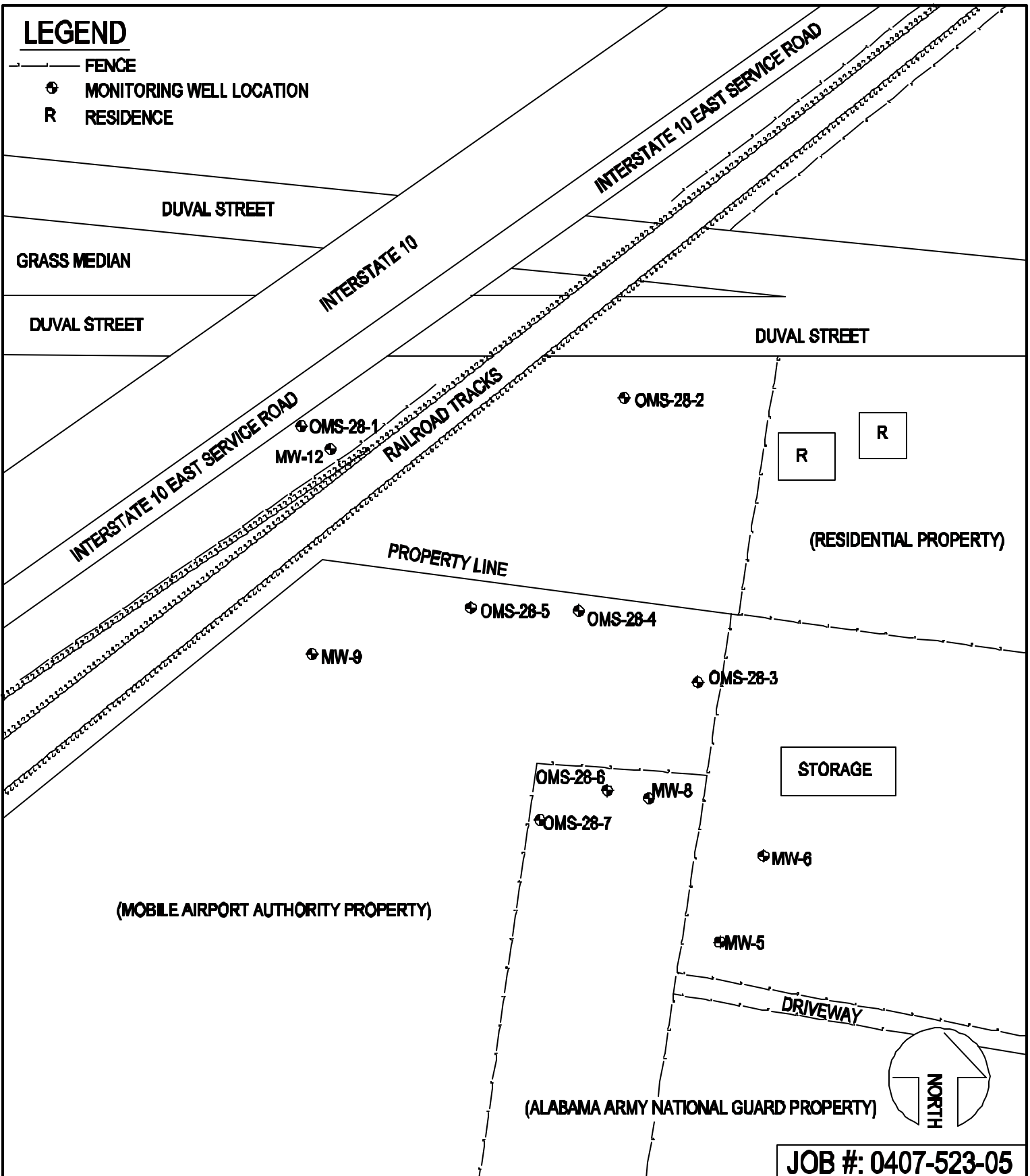
DRAWN BY: WPD

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



# LEGEND

- FENCE
- ⊕ MONITORING WELL LOCATION
- R RESIDENCE



## FIGURE 2 PROJECT SITE MAP



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

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

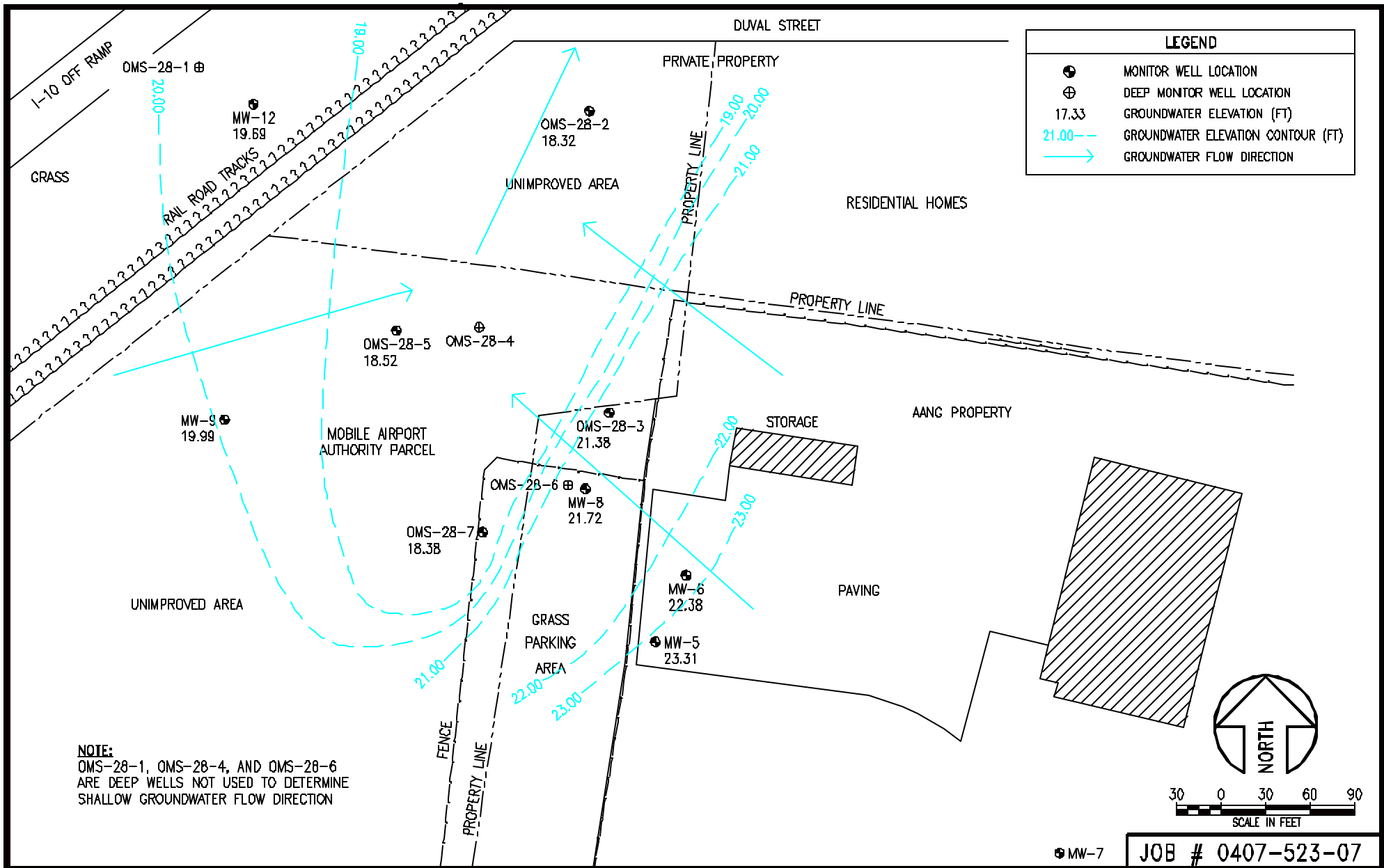


FIGURE 3A - SHALLOW POTENTIOMETRIC SURFACE MAP, MAY 2009



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

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

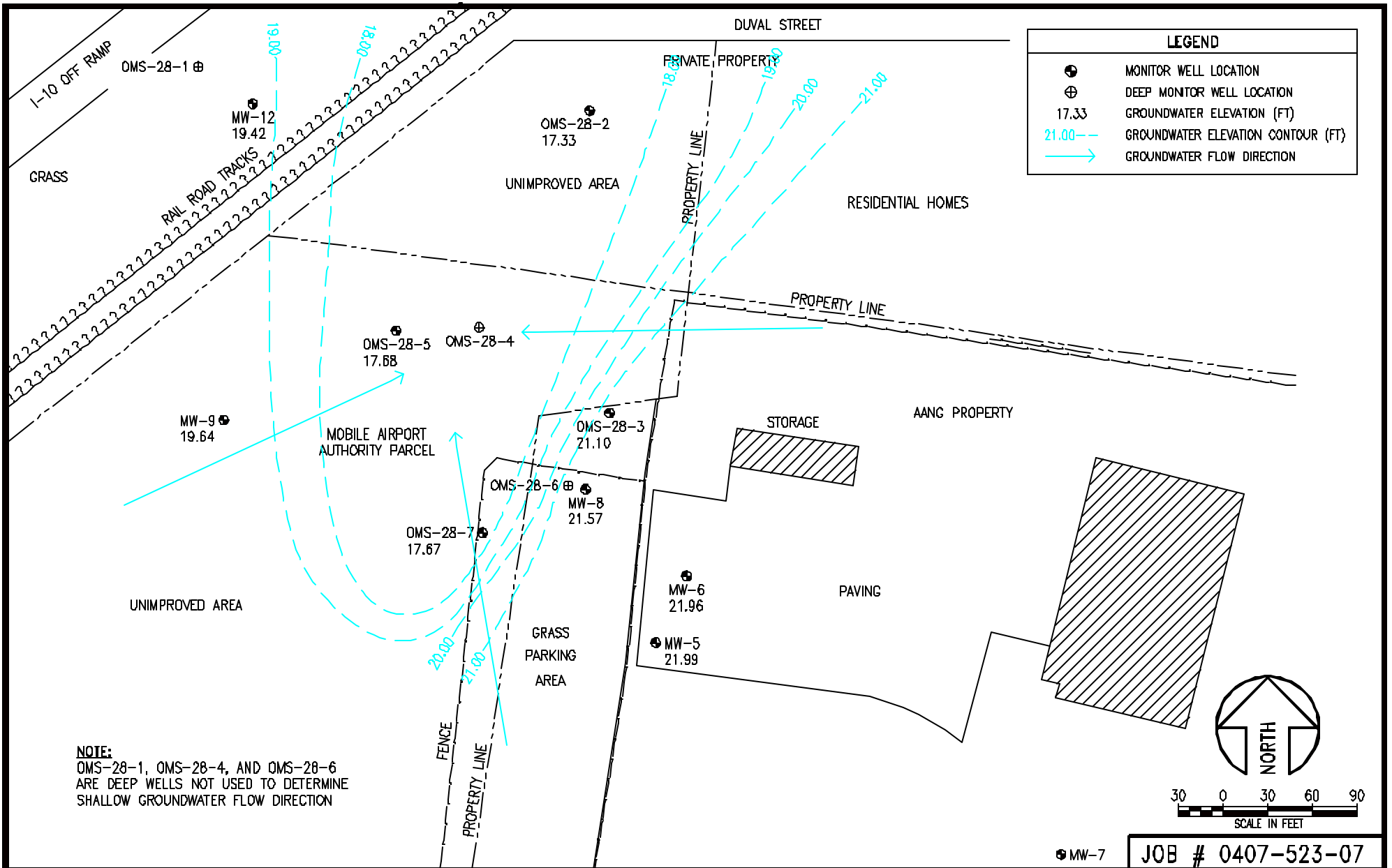


FIGURE 3B – SHALLOW POTENTIOMETRIC SURFACE MAP, DECEMBER 2008



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: JANUARY 2009

DRAWN BY: ESCHETE



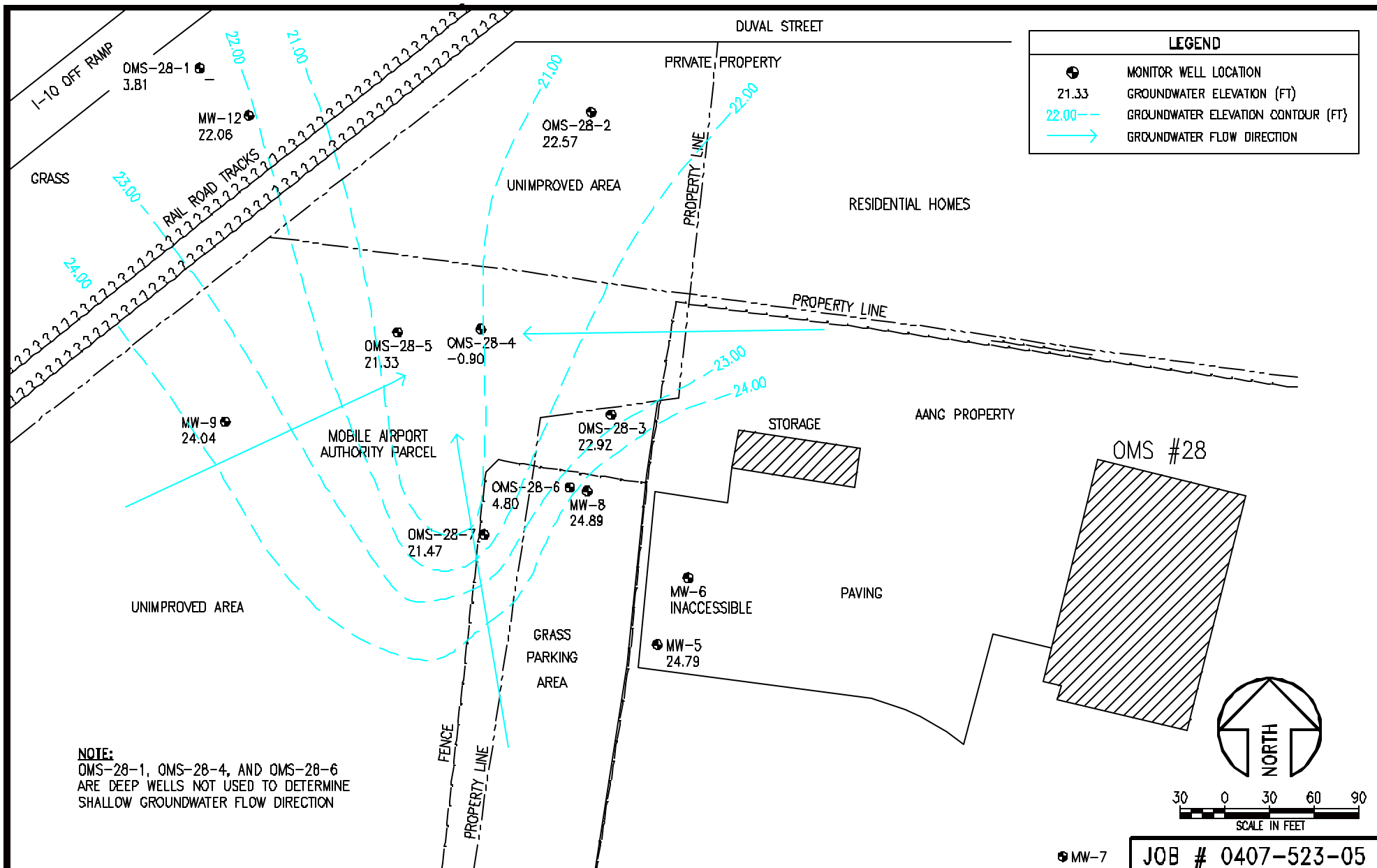


FIGURE 3C - SHALLOW POTENTIOMETRIC SURFACE MAP, JULY 2008



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

DRAWN BY: ESCHETE

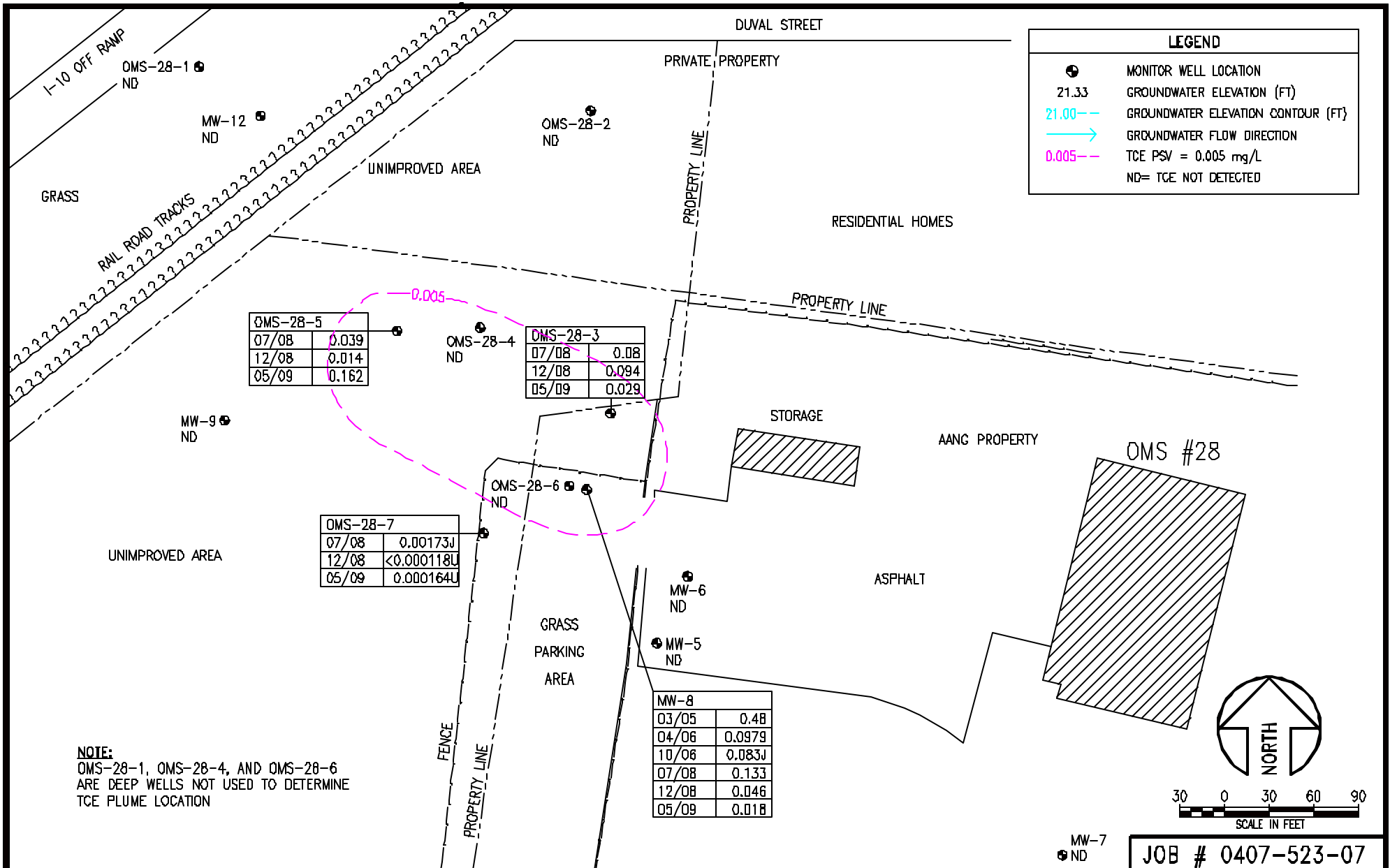


FIGURE 4A - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, MAY 2009



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: JANUARY 2009

DRAWN BY: ESCHETE

JOB # 0407-523-07

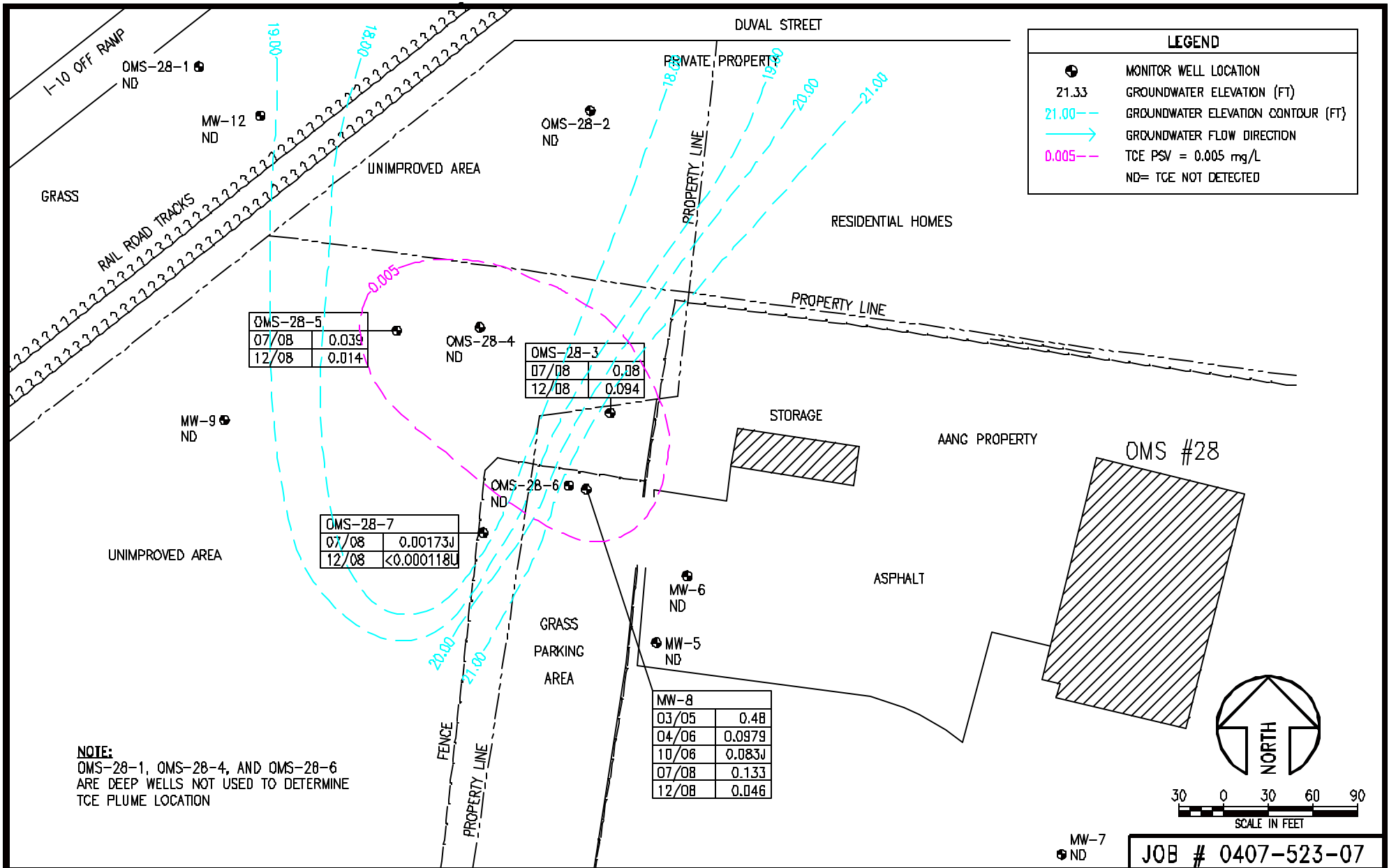


FIGURE 4B - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, DECEMBER 2008



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: JANUARY 2009

DRAWN BY: ESCHETE

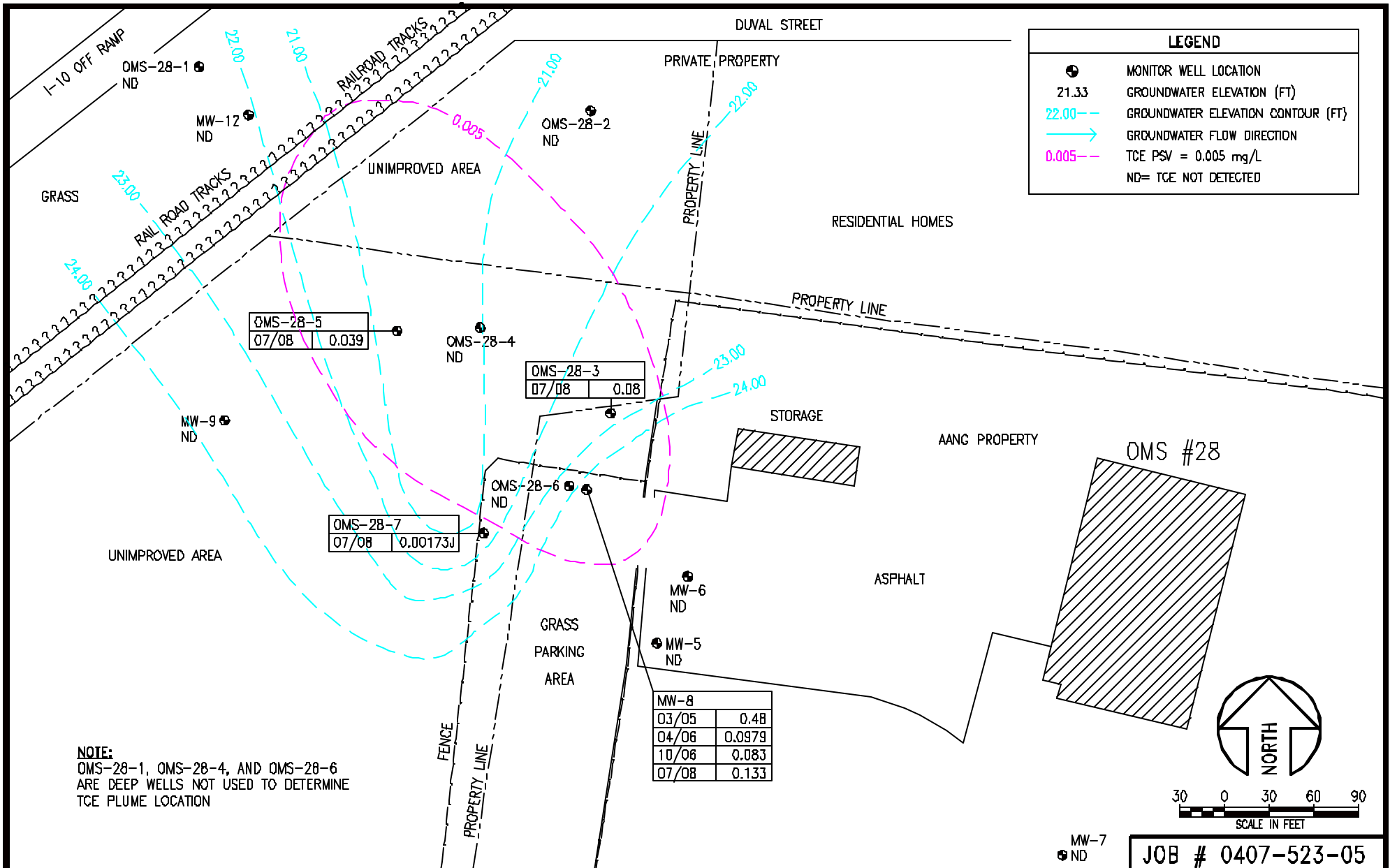


FIGURE 4C - TRICHLOROETHENE (TCE) GROUNDWATER PLUME, JULY 2008



OMS #28  
FORMER BROOKLEY FIELD  
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

DRAWN BY: ESCHETE

**APPENDIX A**

**Natural Attenuation Monitoring Report Form**



**NATURAL ATTENUATION MONITORING REPORT**

Facility Name:	USACE OMS-28	Year:	2009
Facility I. D. No.:	NA	Quarter:	2nd biannual
Incident No.:	GW 07-01-02	Reporting Period:	01/01/09 - 06/30/09
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

**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	5.83
MW-6	1994	2.0	2.3	12.3	5.77
MW-8	1994	2.0	4.8	14.8	6.52
MW-9	2006	2.0	7.4	17.4	7.81
MW-12	2006	2.0	5.6	15.6	6.25
OMS-28-1	2008	2.0	70.0	80.0	23.29
OMS-28-2	2008	2.0	10.0	20.0	12.56
OMS-28-3	2008	2.0	10.0	20.0	9.32
OMS-28-4	2008	2.0	66.0	76.0	26.02
OMS-28-5	2008	2.0	10.0	20.0	11.60
OMS-28-6	2008	2.0	66.0	76.0	26.08
OMS-28-7	2008	2.0	10.0	20.0	9.18

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































































## **APPENDIX B**

### **Laboratory Analytical Results**

**To:** Aerostar

**Job ID:** Brookley Field OMS-28

**Attn:** Marshall Eschette

**GCAL Report** 209051230



**Report Date** 05/18/2009

ANALYTICAL RESULTS BY

**GULF COAST ANALYTICAL LABORATORIES, INC.**

**Deliver To** Aerostar  
803 Govt. Street  
Suite A  
Mobile, AL 36602

**Attn** Marshall Eschette

# Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123001	OMS 28-1	Water	05/08/2009 15:20	05/12/2009 09:50
20905123002	OMS 28-2	Water	05/08/2009 15:02	05/12/2009 09:50
20905123003	OMS 28-3	Water	05/08/2009 14:32	05/12/2009 09:50
20905123004	OMS 28-4	Water	05/08/2009 11:57	05/12/2009 09:50
20905123005	OMS 28-5	Water	05/08/2009 14:15	05/12/2009 09:50
20905123006	OMS 28-6	Water	05/08/2009 12:51	05/12/2009 09:50
20905123007	OMS 28-7	Water	05/08/2009 14:00	05/12/2009 09:50
20905123008	MW-5	Water	05/08/2009 14:43	05/12/2009 09:50
20905123009	MW-6	Water	05/08/2009 14:54	05/12/2009 09:50
20905123010	MW-8	Water	05/08/2009 13:25	05/12/2009 09:50
20905123011	MW-9	Water	05/08/2009 14:25	05/12/2009 09:50
20905123012	DUP-1	Water	05/08/2009 00:00	05/12/2009 09:50
20905123013	DUP-2	Water	05/08/2009 00:00	05/12/2009 09:50
20905123014	RINSATE-1	Water	05/08/2009 15:25	05/12/2009 09:50
20905123015	RINSATE-2	Water	05/08/2009 15:30	05/12/2009 09:50
20905123016	TRIP BLANK	Water	05/08/2009 00:00	05/12/2009 09:50
20905123017	MW-12	Water	05/08/2009 15:12	05/12/2009 09:50

# Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123001	OMS 28-1	Water	05/08/2009 15:20	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-66-3	Chloroform	0.00333J	0.00500	0.000287	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123003	OMS 28-3	Water	05/08/2009 14:32	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.029	0.00500	0.0000974	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00955	0.00500	0.000103	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123005	OMS 28-5	Water	05/08/2009 14:15	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	Tetrachloroethene	0.234	0.010	0.000200	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.162	0.00500	0.0000974	mg/L
156-59-2	cis-1,2-Dichloroethene	0.020	0.00500	0.000103	mg/L
156-60-5	trans-1,2-Dichloroethene	0.00241J	0.00500	0.0000955	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123007	OMS 28-7	Water	05/08/2009 14:00	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.000684J	0.00500	0.0000974	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123009	MW-6	Water	05/08/2009 14:54	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	0.00555	0.00500	0.0000747	mg/L
110-82-7	Cyclohexane	0.00270J	0.00500	0.0000722	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00341J	0.00500	0.0000708	mg/L
91-20-3	Naphthalene	0.011	0.00500	0.000101	mg/L

## Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123010	MW-8	Water	05/08/2009 13:25	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.00617J	0.025	0.000791	mg/L
79-01-6	Trichloroethene	0.018	0.00500	0.0000974	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000812J	0.00500	0.000103	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123012	DUP-1	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
67-66-3	Chloroform	0.00338J	0.00500	0.000287	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123013	DUP-2	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	0.00567	0.00500	0.0000747	mg/L
110-82-7	Cyclohexane	0.00299J	0.00500	0.0000722	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00340J	0.00500	0.0000708	mg/L
91-20-3	Naphthalene	0.011	0.00500	0.000101	mg/L

<b>GCAL ID</b> 20905123001	<b>Client ID</b> OMS 28-1	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 15:20	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/15/2009 19:16	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
<b>67-66-3</b>	<b>Chloroform</b>	<b>0.00333J</b>	<b>0.00500</b>	<b>0.000287</b>	<b>mg/L</b>
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L



<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123001	OMS 28-1	Water	05/08/2009 15:20	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 19:16	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	99	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123002	OMS 28-2	Water	05/08/2009 15:02	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 19:38	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123002	OMS 28-2	Water	05/08/2009 15:02	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 19:38	JCK	411753

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	.053	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	99	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123003	OMS 28-3	Water	05/08/2009 14:32	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 20:00	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
<b>79-01-6</b>	<b>Trichloroethene</b>	<b>0.029</b>	<b>0.00500</b>	<b>0.0000974</b>	<b>mg/L</b>
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
<b>156-59-2</b>	<b>cis-1,2-Dichloroethene</b>	<b>0.00955</b>	<b>0.00500</b>	<b>0.000103</b>	<b>mg/L</b>
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123003	OMS 28-3	Water	05/08/2009 14:32	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 20:00	JCK	411753

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	.053	mg/L	106	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	102	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123004	OMS 28-4	Water	05/08/2009 11:57	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 20:22	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123004	OMS 28-4	Water	05/08/2009 11:57	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 20:22	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b> 20905123005	<b>Client ID</b> OMS 28-5	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 14:15	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/15/2009 20:44	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
<b>79-01-6</b>	<b>Trichloroethene</b>	<b>0.162</b>	<b>0.00500</b>	<b>0.0000974</b>	<b>mg/L</b>
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
<b>156-59-2</b>	<b>cis-1,2-Dichloroethene</b>	<b>0.020</b>	<b>0.00500</b>	<b>0.000103</b>	<b>mg/L</b>
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
<b>156-60-5</b>	<b>trans-1,2-Dichloroethene</b>	<b>0.00241J</b>	<b>0.00500</b>	<b>0.0000955</b>	<b>mg/L</b>



GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123005	OMS 28-5	Water	05/08/2009 14:15	05/12/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/15/2009 20:44	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.044	mg/L	89	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	103	70 - 120

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/15/2009 21:52	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	Tetrachloroethene	0.234	0.010	0.000200	mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.1	.095	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.1	.107	mg/L	107	85 - 115
2037-26-5	Toluene d8	.1	.104	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.1	.1	mg/L	100	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123006	OMS 28-6	Water	05/08/2009 12:51	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 22:14	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123006	OMS 28-6	Water	05/08/2009 12:51	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 22:14	JCK	411753

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	107	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	101	70 - 120

<b>GCAL ID</b> 20905123007	<b>Client ID</b> OMS 28-7	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 14:00	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/15/2009 22:36	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
<b>79-01-6</b>	<b>Trichloroethene</b>	<b>0.000684J</b>	<b>0.00500</b>	<b>0.0000974</b>	<b>mg/L</b>
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123007	OMS 28-7	Water	05/08/2009 14:00	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 22:36	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123008	MW-5	Water	05/08/2009 14:43	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 23:00	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123008	MW-5	Water	05/08/2009 14:43	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 23:00	JCK	411753

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	107	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	101	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20905123009	MW-6	Water	05/08/2009 14:54	05/12/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/15/2009 23:24	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
<b>71-43-2</b>	<b>Benzene</b>	<b>0.00555</b>	<b>0.00500</b>	<b>0.0000747</b>	<b>mg/L</b>
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
<b>110-82-7</b>	<b>Cyclohexane</b>	<b>0.00270J</b>	<b>0.00500</b>	<b>0.0000722</b>	<b>mg/L</b>
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
<b>98-82-8</b>	<b>Isopropylbenzene (Cumene)</b>	<b>0.00341J</b>	<b>0.00500</b>	<b>0.0000708</b>	<b>mg/L</b>
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
<b>91-20-3</b>	<b>Naphthalene</b>	<b>0.011</b>	<b>0.00500</b>	<b>0.000101</b>	<b>mg/L</b>
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L



<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123009	MW-6	Water	05/08/2009 14:54	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 23:24	JCK	411753

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	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	103	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b> 20905123010	<b>Client ID</b> MW-8	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 13:25	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/15/2009 23:46	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
<b>67-64-1</b>	<b>Acetone</b>	<b>0.00617J</b>	<b>0.025</b>	<b>0.000791</b>	<b>mg/L</b>
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
<b>79-01-6</b>	<b>Trichloroethene</b>	<b>0.018</b>	<b>0.00500</b>	<b>0.0000974</b>	<b>mg/L</b>
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
<b>156-59-2</b>	<b>cis-1,2-Dichloroethene</b>	<b>0.000812J</b>	<b>0.00500</b>	<b>0.000103</b>	<b>mg/L</b>
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123010	MW-8	Water	05/08/2009 13:25	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/15/2009 23:46	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	89	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	105	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	101	70 - 120

<b>GCAL ID</b> 20905123011	<b>Client ID</b> MW-9	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 14:25	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/16/2009 00:08	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123011	MW-9	Water	05/08/2009 14:25	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 00:08	JCK	411753

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	.052	mg/L	105	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123012	DUP-1	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 00:30	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
<b>67-66-3</b>	<b>Chloroform</b>	<b>0.00338J</b>	<b>0.00500</b>	<b>0.000287</b>	<b>mg/L</b>
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123012	DUP-1	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 00:30	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.054	mg/L	107	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	107	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b> 20905123013	<b>Client ID</b> DUP-2	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 00:00	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/16/2009 01:15	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
<b>71-43-2</b>	<b>Benzene</b>	<b>0.00567</b>	<b>0.00500</b>	<b>0.0000747</b>	<b>mg/L</b>
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
<b>110-82-7</b>	<b>Cyclohexane</b>	<b>0.00299J</b>	<b>0.00500</b>	<b>0.0000722</b>	<b>mg/L</b>
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
<b>98-82-8</b>	<b>Isopropylbenzene (Cumene)</b>	<b>0.00340J</b>	<b>0.00500</b>	<b>0.0000708</b>	<b>mg/L</b>
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
<b>91-20-3</b>	<b>Naphthalene</b>	<b>0.011</b>	<b>0.00500</b>	<b>0.000101</b>	<b>mg/L</b>
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L



<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123013	DUP-2	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 01:15	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.051	mg/L	102	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b> 20905123014	<b>Client ID</b> RINSATE-1	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 15:25	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/16/2009 01:37	<b>By</b> JCK	<b>Analytical Batch</b> 411753
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123014	RINSATE-1	Water	05/08/2009 15:25	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 01:37	JCK	411753

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	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	.049	mg/L	97	70 - 120

<b>GCAL ID</b> 20905123015	<b>Client ID</b> RINSATE-2	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 15:30	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/16/2009 15:04	<b>By</b> JCK	<b>Analytical Batch</b> 411788
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123015	RINSATE-2	Water	05/08/2009 15:30	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 15:04	JCK	411788

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

<b>GCAL ID</b> 20905123016	<b>Client ID</b> TRIP BLANK	<b>Matrix</b> Water	<b>Collect Date/Time</b> 05/08/2009 00:00	<b>Receive Date/Time</b> 05/12/2009 09:50
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SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b> 1	<b>Analyzed</b> 05/16/2009 15:26	<b>By</b> JCK	<b>Analytical Batch</b> 411788
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123016	TRIP BLANK	Water	05/08/2009 00:00	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 15:26	JCK	411788

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.054	mg/L	108	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L	106	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	101	70 - 120

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123017	MW-12	Water	05/08/2009 15:12	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 00:53	JCK	411753

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.00500	0.0000432	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.00500	0.000105	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.00500	0.0000547	mg/L
75-34-3	1,1-Dichloroethane	0.0000346U	0.00500	0.0000346	mg/L
75-35-4	1,1-Dichloroethene	0.000119U	0.00500	0.000119	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.00500	0.000107	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.0000651U	0.00500	0.0000651	mg/L
95-50-1	1,2-Dichlorobenzene	0.000102U	0.00500	0.000102	mg/L
107-06-2	1,2-Dichloroethane	0.0000640U	0.00500	0.0000640	mg/L
78-87-5	1,2-Dichloropropane	0.0000559U	0.00500	0.0000559	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.00500	0.0000937	mg/L
106-46-7	1,4-Dichlorobenzene	0.000129U	0.00500	0.000129	mg/L
78-93-3	2-Butanone	0.000405U	0.00500	0.000405	mg/L
591-78-6	2-Hexanone	0.0000661U	0.00500	0.0000661	mg/L
108-10-1	4-Methyl-2-pentanone	0.000123U	0.00500	0.000123	mg/L
67-64-1	Acetone	0.000791U	0.025	0.000791	mg/L
71-43-2	Benzene	0.0000747U	0.00500	0.0000747	mg/L
75-27-4	Bromodichloromethane	0.0000574U	0.00500	0.0000574	mg/L
75-25-2	Bromoform	0.000198U	0.00500	0.000198	mg/L
74-83-9	Bromomethane	0.000141U	0.00500	0.000141	mg/L
75-15-0	Carbon disulfide	0.000179U	0.00500	0.000179	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000715U	0.00500	0.0000715	mg/L
75-00-3	Chloroethane	0.000140U	0.00500	0.000140	mg/L
67-66-3	Chloroform	0.000287U	0.00500	0.000287	mg/L
74-87-3	Chloromethane	0.000116U	0.00500	0.000116	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000326U	0.00500	0.0000326	mg/L
75-71-8	Dichlorodifluoromethane	0.0000608U	0.00500	0.0000608	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.00500	0.0000315	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.00500	0.0000561	mg/L
100-41-4	Ethylbenzene	0.0000522U	0.00500	0.0000522	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.00500	0.0000708	mg/L
79-20-9	Methyl Acetate	0.000373U	0.00500	0.000373	mg/L
108-87-2	Methylcyclohexane	0.0000456U	0.00500	0.0000456	mg/L
75-09-2	Methylene chloride	0.000142U	0.010	0.000142	mg/L
91-20-3	Naphthalene	0.000101U	0.00500	0.000101	mg/L
100-42-5	Styrene	0.0000453U	0.00500	0.0000453	mg/L
127-18-4	Tetrachloroethene	0.0000998U	0.00500	0.0000998	mg/L
108-88-3	Toluene	0.0000820U	0.00500	0.0000820	mg/L
79-01-6	Trichloroethene	0.0000974U	0.00500	0.0000974	mg/L
75-69-4	Trichlorofluoromethane	0.0000720U	0.00500	0.0000720	mg/L
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.00500	0.0000682	mg/L
75-01-4	Vinyl chloride	0.0000767U	0.00500	0.0000767	mg/L
1330-20-7	Xylene (total)	0.000334U	0.010	0.000334	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.00500	0.000103	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.00500	0.0000972	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.00500	0.0000955	mg/L



<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
20905123017	MW-12	Water	05/08/2009 15:12	05/12/2009 09:50

SW-846 8260B

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
			1	05/16/2009 00:53	JCK	411753

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	106	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	102	70 - 120

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411753 Prep Batch N/A		Client ID MB411753 GCAL ID 724993 Sample Type Method Blank Analytical Date 05/15/2009 15:46 Matrix Water		LCS411753 724994 LCS 05/15/2009 13:59 Water			LCSD411753 724995 LCSD 05/15/2009 14:21 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	0.000791U	0.000791	0.050	0.052	104	40 - 140	0.052	103	0	30
75-27-4	Bromodichloromethane	0.0000574U	0.0000574	0.050	0.052	104	75 - 120	0.051	102	2	30
75-25-2	Bromoform	0.000198U	0.000198	0.050	0.051	101	70 - 130	0.051	102	0	30
74-83-9	Bromomethane	0.000141U	0.000141	0.050	0.050	100	30 - 145	0.050	99	0	30
75-15-0	Carbon disulfide	0.000179U	0.000179	0.050	0.049	99	35 - 160	0.047	94	4	30
56-23-5	Carbon tetrachloride	0.0000825U	0.0000825	0.050	0.053	106	65 - 140	0.050	100	6	30
75-00-3	Chloroethane	0.000140U	0.000140	0.050	0.051	101	60 - 135	0.047	94	8	30
67-66-3	Chloroform	0.000287U	0.000287	0.050	0.047	93	65 - 135	0.046	92	2	30
74-87-3	Chloromethane	0.000116U	0.000116	0.050	0.049	99	40 - 125	0.048	96	2	30
124-48-1	Dibromochloromethane	0.0000326U	0.0000326	0.050	0.054	108	60 - 135	0.055	110	2	30
75-71-8	Dichlorodifluoromethane	0.0000608U	0.0000608	0.050	0.048	96	30 - 155	0.044	89	9	30
75-34-3	1,1-Dichloroethane	0.0000346U	0.0000346	0.050	0.048	96	70 - 135	0.046	92	4	30
107-06-2	1,2-Dichloroethane	0.0000640U	0.0000640	0.050	0.050	100	70 - 130	0.049	99	2	30
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.000103	0.050	0.049	99	70 - 125	0.050	101	2	30
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.0000955	0.050	0.048	96	60 - 140	0.047	93	2	30
75-09-2	Methylene chloride	0.000142U	0.000142	0.050	0.054	107	55 - 140	0.051	102	6	30
78-87-5	1,2-Dichloropropane	0.0000559U	0.0000559	0.050	0.057	115	75 - 125	0.056	112	2	30
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.0000315	0.050	0.051	102	70 - 130	0.050	100	2	30
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.0000561	0.050	0.052	104	55 - 140	0.051	102	2	30
100-41-4	Ethylbenzene	0.0000522U	0.0000522	0.050	0.056	111	75 - 125	0.056	112	0	30
591-78-6	2-Hexanone	0.0000661U	0.0000661	0.050	0.050	100	55 - 130	0.052	104	4	30
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.0000708	0.050	0.049	98	75 - 125	0.049	98	0	30
78-93-3	2-Butanone	0.000405U	0.000405	0.050	0.056	112	30 - 150	0.057	114	2	30
108-10-1	4-Methyl-2-pentanone	0.000123U	0.000123	0.050	0.054	107	60 - 135	0.053	107	2	30
100-42-5	Styrene	0.0000453U	0.0000453	0.050	0.051	101	65 - 135	0.051	103	0	30
127-18-4	Tetrachloroethene	0.0000998U	0.0000998	0.050	0.049	97	45 - 150	0.048	97	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.000105	0.050	0.049	97	65 - 130	0.049	97	0	30
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.000107	0.050	0.048	95	65 - 135	0.054	108	12	30
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.0000432	0.050	0.050	100	65 - 130	0.049	98	2	30
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.0000547	0.050	0.054	107	75 - 125	0.053	107	2	30
75-69-4	Trichlorofluoromethane	0.0000720U	0.0000720	0.050	0.049	99	60 - 145	0.045	90	9	30
75-01-4	Vinyl chloride	0.0000767U	0.0000767	0.050	0.048	96	50 - 145	0.046	91	4	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.049	98	50 - 130	0.052	103	6	30

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411753 Prep Batch N/A		Client ID MB411753 GCAL ID 724993 Sample Type Method Blank Analytical Date 05/15/2009 15:46 Matrix Water		LCS411753 724994 LCS 05/15/2009 13:59 Water			LCSD411753 724995 LCSD 05/15/2009 14:21 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	0.0000651U	0.0000651	0.050	0.052	103	80 - 120	0.052	104	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.0000972	0.050	0.054	108	65 - 125	0.054	107	0	30
1330-20-7	Xylene (total)	0.000334U	0.000334	0.150	0.153	102	75 - 130	0.153	102	0	30
108-87-2	Methylcyclohexane	0.0000456U	0.0000456	0.050	0.048	97	77 - 123	0.047	93	2	30
110-82-7	Cyclohexane	0.0000722U	0.0000722	0.050	0.050	99	71 - 127	0.046	93	8	30
79-20-9	Methyl Acetate	0.000373U	0.000373	0.050	0.057	113	55 - 134	0.055	109	4	30
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.0000682	0.050	0.052	105	72 - 130	0.049	97	6	30
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.0000937	0.050	0.053	105	65 - 130	0.053	107	0	30
106-46-7	1,4-Dichlorobenzene	0.000129U	0.000129	0.050	0.047	94	65 - 130	0.047	94	0	30
95-50-1	1,2-Dichlorobenzene	0.000102U	0.000102	0.050	0.057	114	70 - 120	0.058	115	2	30
91-20-3	Naphthalene	0.000101U	0.000101	0.050	0.049	97	55 - 140	0.059	118	19	30
75-35-4	1,1-Dichloroethene	0.000119U	0.000119	0.050	0.048	96	70 - 130	0.047	94	2	30
71-43-2	Benzene	0.0000747U	0.0000747	0.050	0.058	116	80 - 120	0.057	114	2	30
79-01-6	Trichloroethene	0.0000974U	0.0000974	0.050	0.055	109	70 - 125	0.054	108	2	30
108-88-3	Toluene	0.0000820U	0.0000820	0.050	0.053	105	75 - 120	0.052	104	2	30
108-90-7	Chlorobenzene	0.0000715U	0.0000715	0.050	0.049	97	80 - 120	0.049	97	0	30
<b>Surrogate</b>											
460-00-4	4-Bromofluorobenzene	47	94	50	52.9	106	75 - 120	54	108		
1868-53-7	Dibromofluoromethane	53.1	106	50	48.7	97	85 - 115	49.1	98		
2037-26-5	Toluene d8	52.6	105	50	50	100	85 - 120	50.8	102		
17060-07-0	1,2-Dichloroethane-d4	50.2	100	50	48.7	97	70 - 120	48.2	96		

Analytical Batch 411753 Prep Batch N/A		Client ID LF4N-MMW-456-05-09 GCAL ID 20905073535 Sample Type SAMPLE Analytical Date 05/15/2009 16:08 Matrix Water		LF4N-MMW-456-MS 20905073536 MS 05/15/2009 17:23 Water			LF4N-MMW-456-MSD 20905073537 MSD 05/15/2009 17:46 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	0.00595	0.000791	0.050	0.030	48	40 - 140	0.029	47	3	30
75-27-4	Bromodichloromethane	0.00	0.0000574	0.050	0.053	105	75 - 120	0.050	100	6	30
75-25-2	Bromoform	0.00	0.000198	0.050	0.047	95	70 - 130	0.049	99	4	30

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411753 Prep Batch N/A		Client ID LF4N-MMW-456-05-09 GCAL ID 20905073535 Sample Type SAMPLE Analytical Date 05/15/2009 16:08 Matrix Water			LF4N-MMW-456-MS 20905073536 MS 05/15/2009 17:23 Water			LF4N-MMW-456-MSD 20905073537 MSD 05/15/2009 17:46 Water			
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
74-83-9	Bromomethane	0.00	0.000141	0.050	0.050	99	30 - 145	0.053	106	6	30
75-15-0	Carbon disulfide	0.00	0.000179	0.050	0.055	110	35 - 160	0.049	98	12	30
56-23-5	Carbon tetrachloride	0.00	0.0000825	0.050	0.057	114	65 - 140	0.053	107	7	30
75-00-3	Chloroethane	0.00	0.000140	0.050	0.057	114	60 - 135	0.051	102	11	30
67-66-3	Chloroform	0.00	0.000287	0.050	0.047	93	65 - 135	0.045	89	4	30
74-87-3	Chloromethane	0.00	0.000116	0.050	0.052	103	40 - 125	0.048	96	8	30
124-48-1	Dibromochloromethane	0.00	0.0000326	0.050	0.052	103	60 - 135	0.053	106	2	30
75-71-8	Dichlorodifluoromethane	0.00	0.0000608	0.050	0.054	108	30 - 155	0.050	100	8	30
75-34-3	1,1-Dichloroethane	0.00	0.0000346	0.050	0.049	99	70 - 135	0.047	93	4	30
107-06-2	1,2-Dichloroethane	0.00	0.0000640	0.050	0.052	104	70 - 130	0.049	97	6	30
156-59-2	cis-1,2-Dichloroethene	0.00	0.000103	0.050	0.050	100	70 - 125	0.048	95	4	30
156-60-5	trans-1,2-Dichloroethene	0.00	0.0000955	0.050	0.051	102	60 - 140	0.047	94	8	30
75-09-2	Methylene chloride	0.00	0.000142	0.050	0.056	111	55 - 140	0.052	104	7	30
78-87-5	1,2-Dichloropropane	0.00	0.0000559	0.050	0.058	116	75 - 125	0.055	110	5	30
10061-01-5	cis-1,3-Dichloropropene	0.00	0.0000315	0.050	0.050	100	70 - 130	0.048	96	4	30
10061-02-6	trans-1,3-Dichloropropene	0.00	0.0000561	0.050	0.053	105	55 - 140	0.050	99	6	30
100-41-4	Ethylbenzene	0.00	0.0000522	0.050	0.058	115	75 - 125	0.055	110	5	30
591-78-6	2-Hexanone	0.00	0.0000661	0.050	0.039	78	55 - 130	0.040	80	3	30
98-82-8	Isopropylbenzene (Cumene)	0.00	0.0000708	0.050	0.054	107	75 - 125	0.049	99	10	30
78-93-3	2-Butanone	0.00	0.000405	0.050	0.040	79	30 - 150	0.040	79	0	30
108-10-1	4-Methyl-2-pentanone	0.00	0.000123	0.050	0.053	105	60 - 135	0.051	102	4	30
100-42-5	Styrene	0.00	0.0000453	0.050	0.051	102	65 - 135	0.049	98	4	30
127-18-4	Tetrachloroethene	0.00	0.0000998	0.050	0.050	101	45 - 150	0.049	98	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.00	0.000105	0.050	0.048	96	65 - 130	0.047	95	2	30
120-82-1	1,2,4-Trichlorobenzene	0.00	0.000107	0.050	0.048	95	65 - 135	0.048	97	0	30
71-55-6	1,1,1-Trichloroethane	0.00	0.0000432	0.050	0.053	106	65 - 130	0.050	100	6	30
79-00-5	1,1,2-Trichloroethane	0.00	0.0000547	0.050	0.052	105	75 - 125	0.053	105	2	30
75-69-4	Trichlorofluoromethane	0.00	0.0000720	0.050	0.055	109	60 - 145	0.051	101	8	30
75-01-4	Vinyl chloride	0.00	0.0000767	0.050	0.052	105	50 - 145	0.050	99	4	30
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.000129	0.050	0.042	83	50 - 130	0.045	90	7	30
106-93-4	1,2-Dibromoethane	0.00	0.0000651	0.050	0.049	98	80 - 120	0.050	99	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.0000972	0.050	0.052	104	65 - 125	0.053	107	2	30
541-73-1	1,3-Dichlorobenzene	0.00	0.0000937	0.050	0.055	110	65 - 130	0.052	103	6	30

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411753 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		LF4N-MMW-456-MS 20905073536 MS 05/15/2009 17:23 Water				LF4N-MMW-456-MSD 20905073537 MSD 05/15/2009 17:46 Water					
<b>SW-846 8260B</b>				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
106-46-7	1,4-Dichlorobenzene	0.00	0.000129	0.050	0.049	97	65 - 130	0.045	90	9	30		
95-50-1	1,2-Dichlorobenzene	0.00	0.000102	0.050	0.058	116	70 - 120	0.055	110	5	30		
91-20-3	Naphthalene	0.00	0.000101	0.050	0.042	84	55 - 140	0.051	102	19	30		
75-35-4	1,1-Dichloroethene	0.00	0.000119	0.050	0.051	101	70 - 130	0.051	101	0	30		
71-43-2	Benzene	0.00	0.0000747	0.050	0.059	117	80 - 120	0.055	110	7	30		
79-01-6	Trichloroethene	0.00	0.0000974	0.050	0.055	111	70 - 125	0.052	104	6	30		
108-88-3	Toluene	0.00	0.0000820	0.050	0.054	108	75 - 120	0.052	104	4	30		
108-90-7	Chlorobenzene	0.00	0.0000715	0.050	0.049	98	80 - 120	0.047	95	4	30		
<b>Surrogate</b>													
460-00-4	4-Bromofluorobenzene			50	51.4	103	75 - 120	53.4	107				
1868-53-7	Dibromofluoromethane			50	48.9	98	85 - 115	48.8	98				
2037-26-5	Toluene d8			50	49.6	99	85 - 120	51.1	102				
17060-07-0	1,2-Dichloroethane-d4			50	51.1	102	70 - 120	49.6	99				

Analytical Batch 411788 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		LCS411788 725311 LCS 05/16/2009 11:30 Water				LCSD411788 725313 LCSD 05/16/2009 12:06 Water					
<b>SW-846 8260B</b>				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.000791U	0.000791	0.050	0.040	80	40 - 140	0.041	82	2	30		
75-27-4	Bromodichloromethane	0.0000574U	0.0000574	0.050	0.050	101	75 - 120	0.050	100	0	30		
75-25-2	Bromoform	0.000198U	0.000198	0.050	0.047	94	70 - 130	0.047	94	0	30		
74-83-9	Bromomethane	0.000141U	0.000141	0.050	0.053	105	30 - 145	0.051	103	4	30		
75-15-0	Carbon disulfide	0.000179U	0.000179	0.050	0.051	101	35 - 160	0.052	104	2	30		
56-23-5	Carbon tetrachloride	0.0000825U	0.0000825	0.050	0.054	109	65 - 140	0.053	107	2	30		
75-00-3	Chloroethane	0.000140U	0.000140	0.050	0.054	107	60 - 135	0.051	102	6	30		
67-66-3	Chloroform	0.000287U	0.000287	0.050	0.046	92	65 - 135	0.045	90	2	30		
74-87-3	Chloromethane	0.000116U	0.000116	0.050	0.050	101	40 - 125	0.050	101	0	30		
124-48-1	Dibromochloromethane	0.0000326U	0.0000326	0.050	0.051	102	60 - 135	0.052	103	2	30		
75-71-8	Dichlorodifluoromethane	0.0000608U	0.0000608	0.050	0.049	99	30 - 155	0.050	100	2	30		

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411788 Prep Batch N/A		Client ID MB411788 GCAL ID 725311 Sample Type Method Blank Analytical Date 05/16/2009 13:13 Matrix Water		LCS411788 725312 LCS 05/16/2009 11:30 Water			LCSD411788 725313 LCSD 05/16/2009 12:06 Water				
<b>SW-846 8260B</b>		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
75-34-3	1,1-Dichloroethane	0.0000346U	0.0000346	0.050	0.048	96	70 - 135	0.047	95	2	30
107-06-2	1,2-Dichloroethane	0.0000640U	0.0000640	0.050	0.048	96	70 - 130	0.047	94	2	30
156-59-2	cis-1,2-Dichloroethene	0.000103U	0.000103	0.050	0.049	98	70 - 125	0.049	98	0	30
156-60-5	trans-1,2-Dichloroethene	0.0000955U	0.0000955	0.050	0.049	98	60 - 140	0.049	98	0	30
75-09-2	Methylene chloride	0.000142U	0.000142	0.050	0.053	107	55 - 140	0.053	105	0	30
78-87-5	1,2-Dichloropropane	0.0000559U	0.0000559	0.050	0.056	112	75 - 125	0.054	108	4	30
10061-01-5	cis-1,3-Dichloropropene	0.0000315U	0.0000315	0.050	0.048	97	70 - 130	0.049	97	2	30
10061-02-6	trans-1,3-Dichloropropene	0.0000561U	0.0000561	0.050	0.049	99	55 - 140	0.049	98	0	30
100-41-4	Ethylbenzene	0.0000522U	0.0000522	0.050	0.055	111	75 - 125	0.056	111	2	30
591-78-6	2-Hexanone	0.0000661U	0.0000661	0.050	0.042	83	55 - 130	0.043	86	2	30
98-82-8	Isopropylbenzene (Cumene)	0.0000708U	0.0000708	0.050	0.050	99	75 - 125	0.052	103	4	30
78-93-3	2-Butanone	0.000405U	0.000405	0.050	0.046	92	30 - 150	0.046	93	0	30
108-10-1	4-Methyl-2-pentanone	0.000123U	0.000123	0.050	0.046	92	60 - 135	0.047	94	2	30
100-42-5	Styrene	0.0000453U	0.0000453	0.050	0.049	99	65 - 135	0.050	99	2	30
127-18-4	Tetrachloroethene	0.0000998U	0.0000998	0.050	0.049	98	45 - 150	0.050	100	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000105U	0.000105	0.050	0.045	89	65 - 130	0.044	88	2	30
120-82-1	1,2,4-Trichlorobenzene	0.000107U	0.000107	0.050	0.045	89	65 - 135	0.049	99	9	30
71-55-6	1,1,1-Trichloroethane	0.0000432U	0.0000432	0.050	0.051	101	65 - 130	0.050	99	2	30
79-00-5	1,1,2-Trichloroethane	0.0000547U	0.0000547	0.050	0.051	101	75 - 125	0.050	101	2	30
75-69-4	Trichlorofluoromethane	0.0000720U	0.0000720	0.050	0.052	103	60 - 145	0.050	101	4	30
75-01-4	Vinyl chloride	0.0000767U	0.0000767	0.050	0.051	101	50 - 145	0.050	100	2	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.041	81	50 - 130	0.040	80	2	30
106-93-4	1,2-Dibromoethane	0.0000651U	0.0000651	0.050	0.048	96	80 - 120	0.048	97	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000972U	0.0000972	0.050	0.051	102	65 - 125	0.052	103	2	30
1330-20-7	Xylene (total)	0.000334U	0.000334	0.150	0.151	101	75 - 130	0.153	102	1	30
108-87-2	Methylcyclohexane	0.0000456U	0.0000456	0.050	0.051	102	77 - 123	0.055	110	8	30
110-82-7	Cyclohexane	0.0000722U	0.0000722	0.050	0.048	95	71 - 127	0.054	108	12	30
79-20-9	Methyl Acetate	0.000373U	0.000373	0.050	0.051	101	55 - 134	0.051	102	0	30
76-13-1	Trichlorotrifluoroethane	0.0000682U	0.0000682	0.050	0.055	110	72 - 130	0.054	108	2	30
541-73-1	1,3-Dichlorobenzene	0.0000937U	0.0000937	0.050	0.052	105	65 - 130	0.054	109	4	30
106-46-7	1,4-Dichlorobenzene	0.000129U	0.000129	0.050	0.046	92	65 - 130	0.048	95	4	30
95-50-1	1,2-Dichlorobenzene	0.000102U	0.000102	0.050	0.055	110	70 - 120	0.056	113	2	30
91-20-3	Naphthalene	0.000101U	0.000101	0.050	0.042	85	55 - 140	0.047	93	11	30

# GC/MS Volatiles Quality Control Summary

Analytical Batch 411788 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		LCS411788 725311 Method Blank 05/16/2009 13:13 Water				LCS411788 725312 LCS 05/16/2009 11:30 Water				LCSD411788 725313 LCSD 05/16/2009 12:06 Water			
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit		
75-35-4	1,1-Dichloroethene	0.000119U	0.000119	0.050	0.051	101	70 - 130	0.050	99	2	30				
71-43-2	Benzene	0.0000747U	0.0000747	0.050	0.057	113	80 - 120	0.057	113	0	30				
79-01-6	Trichloroethene	0.0000974U	0.0000974	0.050	0.054	109	70 - 125	0.054	108	0	30				
108-88-3	Toluene	0.0000820U	0.0000820	0.050	0.052	104	75 - 120	0.051	103	2	30				
108-90-7	Chlorobenzene	0.0000715U	0.0000715	0.050	0.048	95	80 - 120	0.048	95	0	30				
<b>Surrogate</b>															
460-00-4	4-Bromofluorobenzene	46.7	93	50	52.5	105	75 - 120	52	104						
1868-53-7	Dibromofluoromethane	52.8	106	50	48.7	97	85 - 115	48.8	98						
2037-26-5	Toluene d8	52.4	105	50	49.1	98	85 - 120	50.1	100						
17060-07-0	1,2-Dichloroethane-d4	50.1	100	50	49.3	99	70 - 120	48.1	96						

Analytical Batch 411788 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		NW-12-MS 20905152611 SAMPLE 05/16/2009 13:35 Water				NW-12-MSD 20905152612 MS 05/16/2009 13:58 Water				NW-12-MSD 20905152613 MSD 05/16/2009 14:20 Water			
SW-846 8260B				Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit		
71-43-2	Benzene	0.00	0.0000747	0.050	0.060	119	80 - 120	0.058	116	3	30				
108-88-3	Toluene	0.00	0.0000820	0.050	0.055	110	75 - 120	0.053	105	4	30				
100-41-4	Ethylbenzene	0.00	0.0000522	0.050	0.059	117	75 - 125	0.056	112	5	30				
1330-20-7	Xylene (total)	0.00	0.000334	0.150	0.160	107	75 - 130	0.153	102	4	30				
<b>Surrogate</b>															
460-00-4	4-Bromofluorobenzene			50	53.6	107	75 - 120	52.1	104						
1868-53-7	Dibromofluoromethane			50	49.3	99	85 - 115	49	98						
2037-26-5	Toluene d8			50	50.1	100	85 - 120	50	100						
17060-07-0	1,2-Dichloroethane-d4			50	51.1	102	70 - 120	50.3	101						

## CASE NARRATIVE

**Client:** Aerostar      **Report:** 209051230

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, sample 20905123005 (OMS 28-5) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.



# 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

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

## Reporting Flags Utilized in this Report

<b>J</b>	Indicates an estimated value
<b>U</b>	Indicates the compound was analyzed for but not detected
<b>B</b>	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
<b>B</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 209051230**

THIS REPORT CONTAINS \_\_\_\_\_ PAGES.

### Chain of Custody Record

Lab Report No.:

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

Attn: <b>MARSHALL ESCHETE</b>	Phone:	TCL 8260 H	← Preservative
Sampler Signature: <i>Adam Davis</i>	Fax:		← Analysis
Sampled by [Print Name]/Affiliation: <b>Adam Davis / AEROSTAR</b>	Sampler Signature: <i>[Signature]</i>	<b>REQUESTED DUE DATE</b>	

Item No.	Field ID No.	Sampled		Grab or Comp.	Matrix Codes	No. Cont.	Remarks	Lab. No.
		Date	Time					
							<b>USACE DEF-LIMITS.</b>	
	OMS 28-1	5/11/09	1520	B	GW	3		-1
	OMS 28-2		1502					-2
	OMS 28-3		1432					-3
	OMS 28-4		1157					-4
	OMS 28-5		1415					-5
	OMS 28-6		1251					-6
	OMS 28-7		1400					-7
	MW-5		1443					-8
	MW-6		1454					-9

Shipment Method	<b>27</b> ← Total Number of Containers							
Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via:		<i>[Signature]</i>	5-11-09	1000	<i>[Signature]</i>	5-11-09	1000
Additional Comments: <b>BROOKLEY DATA PACK.</b>			<i>[Signature]</i>	5-11-09	1800	<i>[Signature]</i>	5-11-09	1800
			<i>[Signature]</i>	5-12-09	950	<i>[Signature]</i>	5-12-07	950
Cooler No.(s) / Temperature(s) (°C)			Sampling Kit No.		Equipment ID No.			
4.6°								

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



# Chain of Custody Record

Lab Report No.:

Company: <u>AEROSTAR</u> Address:	<b>Gulf Coast LabNet, Inc.</b> An Environmental Lab Services Co. Phone: (251) 625-1331 Fax: (251) 625-1299	Modified from DEP Form #: 62-770.900(2) <span style="float: right;">Page <u>2</u> of <u>2</u></span> FDEP Facility No.: Project Name: <u>BROOKLEY FIELD OMS-28</u> Location: <u>MOBILE, AL</u> Project No.:
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Attn: <u>MARSHALL ESCHETE</u> Phone: _____ Fax: _____	# _____	< Preservative < Analysis <b>REQUESTED DUE DATE</b>
Sampled by [Print Name]/Affiliation <u>Adam Davis / AEROSTAR</u>		Sampler Signature 

Item No.	Field ID No.	Sampled		Grab or Comp.	Matrix Codes	No. Cont.	Remarks	Lab. No.
		Date	Time					
							USACE DET. LIMITS	
	MW-8	5/8/09	1325	G	GW	3		-10
	MW-9		1425					-11
	DUP-1		—					-12
	DUP-2		—					-13
	RINSATE-1		1525					-14
	RINSATE-2		1530					-15
	TRIP BLANK		—					-16
	MW-12		1512					-17
<u>NOTHING FOLLOWS</u>								

Shipment Method \_\_\_\_\_ 24 < Total Number of Containers (THIS PAGE) 51 TOTAL

Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
Returned: / /	Via:		<u>GA / AFS</u>	5-11-09	1000	<u>D. Smith / GA</u>	5-11-09	1000
Additional Comments <u>BROOKLEY DATA PACK.</u>			<u>D. Smith / GA</u>	5-11-09	1800	<u>FedEx G.M.</u>	5-11-09	1800
			<u>FedEx G.M.</u>	5-12-09	950	<u>B. HKS.</u>	5-12-09	950

Cooler No.(s) / Temperature(s) (°C)	Sampling Kit No.	Equipment ID No.
<u>4.6°</u>		

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)