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

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

Marshall Eschete, P.G. #637

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LIST OF ACRONYMS

AANG	Alabama Army National Guard
AEROSTAR	Aerostar Environmental Services, Inc.
ADEM	Alabama Department of Environmental Management
ARBCA	Alabama Risk Based Corrective Action
DO	Dissolved Oxygen
EPA	United States Environmental Protection Agency
EPA RSL	EPA Regional Screening Level for Chemical Contaminants at Superfund Sites
FAA	Federal Aviation Administration
FMS	Field maintenance Shop
IDW	Investigation Derived Waste
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 U. S. Army Corps of Engineers (USACE)-Mobile District, has completed field activities and data collection for the first 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 decided to continue 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 work scope 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 first 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 Longitude 88° 03' 42" West and Latitude 30° 39' 11" North within the Brookley Complex, **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, the 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 Alabama Army National Guard (AANG) OMS-28 site in August 2005 during a Secondary Investigation Addendum being conducted for a previously completed, and unrelated, underground storage tank 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 and an Alabama Risk Based Corrective Action (ARBCA) evaluation of the site set preliminary site specific target levels (SSTLs) for select organic contaminants. The current groundwater monitoring network consists of nine (9) Type II and three (3) Type III monitoring wells. Groundwater flow has been relatively consistent in a north-northwest direction and TCE-impacted groundwater remains confined to the central portion of the site.

This report documents the results and findings of the first of three groundwater monitoring events being conducted to gather sufficient data to prepare an ARBCA evaluation of the site. Data collected during this most recent (December 2008) groundwater monitoring event and previously completed investigations 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 December 9, 2008 through December 11, 2008 site visit included the first 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 December 9, 2008, 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 location as investigation derived waste (IDW)

Remediation through natural attenuation (RNA) data including conductivity, pH, dissolved oxygen (DO) and temperature 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 December 10, 2008 and December 11, 2008 sampling events.

3.3 Monitor Well Sampling

On December 11, 2008, 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 utilizing the peristaltic pump and placed in pre-cleaned and preserved laboratory supplied containers. 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 Compounds 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 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 December 9, 2008, 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 17.33 feet to 21.99 feet national geodetic vertical datum (NGVD). Groundwater in the shallow wells was generally two to three feet lower during the December 2008 gauging event than during the previous gauging event of August 2008. The calculated groundwater elevation in the deep wells (OMS-28-1, OMS-28-4, and OMS-28-65) during the gauging event varied from 0.80 feet to 3.24 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 northeast. This flow direction is consistent with the flow direction determined during the previous gauging event conducted in August 2008.

Water levels and elevation data, including historic water level data are provided in **Table 2**. **Figure 3A**, **Shallow Potentiometric Surface Map, December 2008** identifies generalized groundwater flow direction of the December 10, 2008 groundwater gauging event and **Figure 3B**, **Shallow Potentiometric Surface Map, July 2008** identifies generalized groundwater flow direction of the most recent (July, 2008) groundwater gauging event.

4.2 Groundwater Analytical Results

Laboratory analytical results for the groundwater samples collected on December 10, 2008 and December 11, 2008 with a breakdown of individual volatile organic compound (VOC) concentrations, including the analytical results from the previous sampling event of July 1, 2008 and

July 8, 2008 are summarized in **Table 3**, **Groundwater Sample Results**. Isoconcentration maps showing the distribution of dissolved-phase TCE for the December 10, 2008 and December 11, 2008 sampling event, and for the previous sampling event performed on July 1, 2008 and July 8, 2008 are illustrated as **Figures 4A** and **4B**, respectively. Laboratory analytical reports for the groundwater samples collected on December 10, 2008 and December 11, 2008 are included as **Attachment B**.

During the previous groundwater sampling events of July 1, 2008 and July 8, 2008, benzene, chloromethane, methylene chloride, naphthalene, tetrachloroethene (PCE), and TCE were detected in one or more samples at levels that exceeded ADEM ARBCA Preliminary Screening Values (PSVs). During the December 10, 2008 and December 11, 2008, groundwater sampling events only benzene, naphthalene, PCE, and TCE were detected at levels that exceeded ADEM ARBCA PSVs. For consistency and to be complete, any compound that exceeded an ADEM ARBCA PSV during the July 1, 2008 and July 8, 2008 or December 10, 2008 and December 11, 2008 sampling events are discussed below. Review of laboratory analytical results indicate the following information about chemicals of concern in groundwater samples collected from this site on December 10, 2008 and December 11 2008:

- Benzene was detected during the December 10, 2008 and December 11, 2008 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well MW-6 exhibited a benzene concentration of 0.011 milligrams per liter (mg/L) which is above the ADEM PSV of 0.005 mg/L. The benzene concentration in MW-6 has remained stable since the July 2008 sampling event.

- Chloromethane was not detected during the December 10, 2008 and December 11, 2008 sampling event in any of the twelve groundwater samples collected.

- Methylene chloride was not detected during the December 10, 2008 and December 11, 2008 sampling event in any of the twelve groundwater samples collected.

- Naphthalene was detected during the December 10, 2008 and December 11, 2008 sampling event in three of the twelve groundwater samples collected. The samples collected from monitoring wells MW-6, OMS-28-1, and OMS-28-7 exhibited naphthalene concentrations of 0.021 mg/L, 0.00451J mg/L, and 0.00428J mg/L, respectively. These concentrations are above the ADEM PSV of 0.00062 mg/L established for naphthalene. The naphthalene

concentrations in MW-6, OMS-28-1, and OMS-28-7 have remained stable or increased slightly since the July 2008 sampling event.

- PCE was detected during the December 10, 2008 and December 11, 2008 sampling event in one of the twelve groundwater samples collected. The sample collected from monitoring well OMS-28-5 exhibited a PCE concentration of 0.0092 mg/L which is above the ADEM PSV of 0.005 mg/L established for PCE. The PCE concentration in OMS-28-5 has decreased since the July 2008 sampling event.

- TCE was detected during the December 10, 2008 and December 11, 2008 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 0.046 mg/L, 0.094 mg/L, and 0.014 mg/L, respectively. These concentrations are above the ADEM PSV of 0.0005 mg/L established for TCE. The TCE concentrations in MW-8, OMS-28-3, and OMS-28-5 have remained stable or decreased slightly since the July 2008 sampling event.

4.3 Discussion

Table 3 summarizes the groundwater analytical results while **Figure 3A** illustrates the sample locations and the analytical results. 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 1,2-dichloroethane, benzene, cyclohexane, isopropylbenzene, naphthalene, PCE, TCE, xylenes, and (cis)-1,2-dichloroethene. Contaminants detected in groundwater samples (including estimated "J" values) collected during this investigation that exceeded an ADEM PSV are identified as benzene, naphthalene, PCE, and TCE.

The benzene concentration of 0.011 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 was calculated in the ARBCA for OMS 28 Pit #2, Revision 1, dated November 2001. Therefore, the concentration of benzene in MW-6 did not exceed the site specific target level.

The naphthalene concentrations of 0.021 mg/L, 0.00451J mg/L, and 0.00428J mg/L detected in the groundwater samples collected from monitoring wells MW-6, OMS-28-1, and OMS-28-7 respectively, 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 ARBCA for OMS 28 Pit #2, Revision 1, dated November 2001. Therefore, the concentrations of naphthalene in downgradient well MW-6, did not exceed the site specific target level.

It should be noted that although naphthalene was detected in the upgradient deep well OMS-28-1 it was not detected in deep wells OMS-28-4, and OMS-28-6 which are installed in the TCE plume. Naphthalene in monitoring well OMS-28-1 may be from off site or from another source.

The naphthalene concentration appears to be from the former UST installation at OMS-28. There are two additional monitoring events scheduled for this site and an additional ARBCA evaluation. Naphthalene concentrations in OMS-28-7 will be monitored until updated SSTLs can be calculated in the ARBCA evaluation of the site.

The PCE concentration of 0.0092 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 0.046 mg/L, 0.094 mg/L, and 0.014 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 very closely with the results of the original samples.

Review of the groundwater analytical results reveals that only one deep well, OMS-28-1, had any chemical of concern that exceeded an ADEM drinking water PSV. The naphthalene concentration detected in the groundwater sample collected from OMS-28-1 exceeded the ADEM drinking water PSV.

Further review of the groundwater analytical results reveals that shallow monitoring wells MW-6, MW-8, OMS-28-3, OMS-28-5, OMS-28-7 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 =/> 0.005 mg/L) is presented as **Figure 3A, Trichloroethene Groundwater Plume, December 2008**.

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

TCE was not detected in any deep well during the July 2008 and December 2008 sampling events. TCE contamination in the deeper aquifer does not appear to be a concern.

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 levels measured during this sampling event did not exceed the SSTLs established in the August 2005 ARBCA.

Exceedences of ADEM drinking water PSVs were primarily concentrated in the Type II shallow monitoring wells located on site in the southeastern portion of the OMS-28 site. With the exception of OMS-28-1, no groundwater concentration in any deep well (OMS-28-1, OMS-28-4, and OMS-28-6) at the site exceeded any ADEM PSV. The groundwater sample collected from monitoring well OMS-28-1 exceeded the PSV for naphthalene.

Non-aqueous phase liquid (NAPL) was not encountered in groundwater samples collected from any OMS-28 monitoring well during the December 10 and 11, 2008 gauging and sampling event (or previous gauging and sampling events). A comparison of this sampling event and previous sampling events reveals that with the exception of naphthalene, dissolved-phase VOC concentrations have 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 two groundwater sampling events 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
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
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
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
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
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
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
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
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
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
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
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

Notes:

Measurements represent final stabilized readings representative of formation waters

RNA = remediation through natural attenuation
pH = potential hydrogen
C = degrees Celsius
uS/cm = micro Siemens per centimeter
ntu = nephelometric turbidity units
DO = disolved oxygen
mg/l = milligrams per liter
NM = not measured

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
				12/09/08	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		
				12/09/08	NA	6.19	21.96
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
				12/09/08	NA	6.67	21.57
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
				12/09/08	NA	7.81	19.64
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

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)
				12/09/08	NA	6.52	19.42

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
				12/09/08	NA	23.29	2.97
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
				12/09/08	NA	13.55	17.33
OMS-28-3	20.0	10-20	30.70	07/01/08	NA	9.05	21.65
				07/08/08	--	--	--
				07/08/08	NA	7.78	22.92
				12/09/08	NA	9.60	21.10
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
				12/09/08	NA	27.19	0.80
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
				12/09/08	NA	12.44	17.68
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
				12/09/08	NA	27.07	3.24
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
				12/09/08	NA	9.89	17.67

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

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location													
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	MW-5		MW-6		MW-8		MW-9		MW-12		OMS-28-1 (Deep Well)		OMS-28-2	
				07/01/08	12/11/08	07/01/08	12/11/08	07/01/08	12/11/08	07/01/08	12/10/08	07/01/08	12/10/08	07/08/08	12/11/08	07/01/08	12/10/08
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000601U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	**0.000548J**	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000661U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U
Acetone	67-64-1	mg/L	0.55	**0.00780J**	0.000914U	**0.00317J**	0.000914U	**0.011J**	0.000914U	**0.00472J**	0.000914U	**0.00363J**	0.000914U	**0.00905J**	0.000914U	**0.00338J**	0.000914U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	***0.016***	***0.011***	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000675U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.0000426U	0.000164U	0.0000426U	0.000164U	0.0000426U	0.000164U	0.0000426U	0.000164U	**0.044**	0.000164U	0.0000426U	0.000164U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000101U	0.000249U	0.000101U	***0.00210J***	0.000101U	0.000249U	0.000101U	0.000249U	0.000101U	**0.00151J**	0.000101U	**0.00111J**	0.000101U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	**0.00418J**	**0.00139J**	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.00006377U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	**0.00533**	**0.00406J**	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	**0.00299J**	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	***0.00905J***	0.0000959U	0.0000765U	0.0000959U
Naphthalene	91-20-3	mg/L	0.00062	***0.00464J***	0.000118U	***0.028***	***0.021***	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	***0.00451J***	0.000245U	0.000118U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000153U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.000164U	0.000118U	***0.133***	***0.046***	0.000164U	0.000118U	0.000164U	0.000118U	0.000164U	0.000118U	0.000164U	0.000118U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	**0.00701J**	**0.00523J**	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.0000745U	0.000162U	**0.00397J**	**0.00324J**	0.0000745U	0.000162U	0.0000745U	0.000162U	0.0000745U	0.000162U	0.0000745U	0.000162U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 2007
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, May 2008
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBCA PSV or EPA Regional Screening Level for tap water.
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location													
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	MW-5		MW-6		MW-8		MW-9		MW-12		OMS-28-1 (Deep Well)		OMS-28-2	
				07/01/08	12/11/08	07/01/08	12/11/08	07/01/08	12/11/08	07/01/08	12/10/08	07/01/08	12/10/08	07/08/08	12/11/08	07/01/08	12/10/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000601U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	**0.000548J**	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000661U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U

- U - flag indicates the compound was analyzed for but was not detected

NE = Not established

NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location											
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	OMS-28-3		OMS-28-4 (Deep Well)		OMS-28-5		OMS-28-6 (Deep Well)		OMS-28-7		IDW	
				07/01/08	12/11/08	07/08/08	12/10/08	07/01/08	12/11/08	07/08/08	12/10/08	07/01/08	12/10/08	07/08/08	
1,1,1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	0.000176U	0.000487U	
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000113U	0.0000781U	0.0100113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	
Acetone	67-64-1	mg/L	0.55	**0.00218J**	0.000914U	**0.00207J**	0.000914U	**0.00355J**	0.000914U	**0.00305J**	0.000914U	**0.00487J**	0.000914U	**0.00563J**	
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	
Chloroform	67-66-3	mg/L	0.08	**0.000252J**	0.000164U	**0.000219J**	0.000164U	0.0000426U	0.000164U	0.0000426U	0.000164U	0.0000426U	0.000164U	**0.014**	
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	**0.000835J**	0.000101U	0.000249U	0.000101U	0.000249U	0.000101U	0.000249U	0.000101U	0.000249U	0.000101U	**0.000963J**	
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	NA	0.0000680U	
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	0.0000754U	0.0000921U	
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	0.0000765U	0.0000959U	**0.00278J**	
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	***0.00428J***	0.000245U	
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.000200U	0.000153U	***0.13***	***0.0092***	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	0.0000755U	**0.000369J**	
Trichloroethene (TCE)	79-01-6	mg/L	0.005	***0.08***	***0.094***	0.000164U	0.000118U	***0.039***	***0.014***	0.000164U	0.000118U	**0.00173J**	0.000118U	0.000164U	
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.000155U	**0.0000538**	
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	**0.00626**	0.00934	0.0000745U	0.000162U	**0.012**	**0.0087**	0.0000745U	0.000162U	0.0000745U	0.000162U	0.0000745U	
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000573U	0.000122U	**0.005**	0.000122U	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 20
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, Ma
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBC
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.

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-28-3		OMS-28-4 (Deep Well)		OMS-28-5		OMS-28-6 (Deep Well)		OMS-28-7		IDW
				07/01/08	12/11/08	07/08/08	12/10/08	07/01/08	12/11/08	07/08/08	12/10/08	07/01/08	12/10/08	07/08/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U

- U - flag indicates the compound was analyzed for but was not detected

NE = Not established

NA = Not analyzed

TABLE 3
Groundwater Sample Results
OMS 28
Brookley Air Force Base

ARBCA PRELIMINARY SCREENING VALUES (PSVs)				Sample Location										
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	RINSATE-1		RINSATE-2		DUP-1 (MW-8)	DUP-2 (OMS-28-1)	DUP-1 (OMS-28-4)	DUP-2 (MW-8)	TRIP BLANK	TRIP BLANK	
				07/01/08	12/10/08	07/08/08	12/11/08	07/01/08	07/08/08	12/10/08	12/11/08	07/14/08	07/01/08	12/11/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000683U	0.0000963U	0.0000963U	0.0000683U	0.0000683U	0.0000963U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000148U	0.000154U	0.000154U	0.000148U	0.000148U	0.000154U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.000146U	0.0000928U	0.0000928U	0.000146U	0.000146U	0.0000928U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000801U	0.0000859U	0.0000859U	0.0000801U	0.0000801U	0.0000859U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.0000961U	0.000201U	0.000201U	0.0000961U	0.0000961U	0.000201U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000223U	0.0000912U	0.0000912U	0.000223U	0.000223U	0.0000912U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000356U	0.000129U	0.000129U	0.000356U	0.000356U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000158U	0.000202U	0.000202U	0.000158U	0.000158U	0.000202U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.000109U	0.0000690U	0.0000690U	0.000109U	0.000109U	0.0000690U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000663U	0.0000898U	0.0000898U	0.0000663U	0.0000663U	0.0000898U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000555U	0.0000960U	0.0000960U	0.0000555U	0.0000555U	0.0000960U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.0000861U	0.000132U	0.000132U	0.0000861U	**0.000257J**	0.000132U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000572U	0.0000961U	0.0000572U	0.0000961U	0.0000961U	0.0000572U	0.0000572U	0.0000961U	0.0000961U	0.0000572U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000176U	0.000487U	0.000176U	0.0000487U	0.000487U	0.000176U	0.000176U	**0.000487**	0.000487U	0.000176U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000105U	0.000308U	0.000105U	0.000308U	0.000308U	0.000105U	0.000105U	0.000308U	0.000308U	0.000105U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.0000781U	0.000113U	0.0000781U	0.000113U	0.000113U	0.0000781U	0.0000781U	**0.000113U**	0.000113U	0.0000781U
Acetone	67-64-1	mg/L	0.55	**0.00366J**	0.000914U	**0.00345J**	0.000914U	**0.00430J**	**0.00678J**	0.000914U	0.000914U	**0.00181J**	**0.010J**	0.000914U
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000649U	0.0000624U	0.0000649U	0.0000624U	0.0000624U	0.0000649U	0.0000649U	0.0000624U	0.0000624U	0.0000649U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.000144U	0.0000875U	0.000144U	0.0000875U	0.0000875U	0.000144U	0.000144U	0.0000875U	0.0000875U	0.000144U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.000172U	0.0000947U	0.000172U	0.0000947U	0.0000947U	0.000172U	0.000172U	**0.00150J**	0.0000947U	0.000172U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000271U	0.000252U	0.000271U	0.000252U	0.000252U	0.000271U	0.000271U	0.000252U	0.000252U	0.000271U
Carbon Disulfide	75-15-0	mg/L	0.10	0.000184U	0.0000774U	0.000184U	0.0000774U	0.000184U	0.000184U	0.0000774U	0.0000774U	0.000184U	0.000184U	0.0000774U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.000156U	0.0000825U	0.000156U	0.0000825U	0.0000825U	0.000156U	0.000156U	0.0000825U	0.0000825U	0.000156U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.000287U	0.0000631U	0.000287U	0.0000631U	0.0000631U	0.000287U	0.000287U	0.0000631U	0.0000631U	0.000287U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.000181U	0.0000618U	0.000181U	0.0000618U	0.0000618U	0.000181U	0.000181U	0.0000618U	0.0000618U	0.000181U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.000164U	0.0000426U	0.000164U	0.0000426U	**0.045**	0.000164U	0.000164U	0.0000426U	0.0000426U	0.000164U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	**0.000884J**	0.000101U	**0.00133J**	0.000101U	0.000249U	***0.00184J***	0.000101U	0.000101U	0.000249U	0.000249U	0.000101U
Cyclohexane	110-82-7	mg/L	1000[a]	0.0000722U	0.000105U	0.0000722U	0.000105U	0.0000722U	0.0000722U	0.000105U	0.000105U	0.0000722U	0.0000722U	0.000105U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000975U	0.0000637U	0.0000975U	0.0000637U	0.0000637U	0.0000975U	0.0000975U	**0.000939J**	0.0000637U	0.0000975U
Dibromodifluromenthane	75-71-8	mg/L	0.039	0.0000680U	NA	0.0000688U	NA	0.0000680U	0.0000680U	NA	NA	0.0000680U	0.0000680U	NA
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.000116U	0.0000746U	0.000116U	0.0000746U	0.0000746U	0.000116U	0.000116U	0.0000746U	0.0000746U	0.000116U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000623U	0.0000702U	0.0000623U	0.0000702U	0.0000702U	0.0000623U	0.0000623U	0.0000702U	0.0000702U	0.0000623U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000652U	0.0000924U	0.0000652U	0.0000924U	0.0000924U	0.0000652U	0.0000652U	0.0000924U	0.0000924U	0.0000652U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.000135U	0.0000569U	0.000135U	0.0000569U	0.0000569U	0.000135U	0.000135U	0.0000569U	0.0000569U	0.000135U
Methyl acetate	79-20-9	mg/L	6100[a]	0.000375U	0.000994U	0.000375U	0.000994U	0.000375U	0.000375U	0.000994U	0.000994U	0.000375U	0.000375U	0.000994U
Methylcyclohexane	108-87-2	mg/L	2600[a]	0.0000921U	0.0000754U	**0.0000921**	0.0000754U	0.0000921U	0.0000921U	0.0000754U	0.0000754U	0.0000921U	0.0000921U	0.0000754U
Methylene Chloride	75-09-2	mg/L	0.005	**0.000797J**	0.0000959U	**0.000800J**	0.0000959U	0.0000765U	***0.00907J***	0.0000959U	0.0000959U	0.0000765U	0.0000765U	0.0000959U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000118U	0.000245U	0.000118U	0.000245U	0.000245U	0.000118U	0.000118U	0.000245U	0.000245U	0.000118U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000579U	0.0000821U	0.0000579U	0.0000821U	0.0000821U	0.0000579U	0.0000579U	0.0000821U	0.0000821U	0.0000579U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000153U	0.000200U	0.000153U	0.000200U	0.000200U	0.000153U	0.000153U	0.000200U	0.000200U	0.000153U
Toluene	108-88-3	mg/L	1.00	0.0000675U	0.0000755U	0.0000675U	0.0000755U	0.0000675U	**0.000434J**	0.0000755U	0.0000755U	0.0000675U	**0.000290J**	0.0000755U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000118U	0.000164U	0.000118U	***0.129***	0.000164U	0.000118U	***0.046***	0.000164U	0.000164U	0.000118U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.000138U	0.0000638U	0.000138U	0.0000638U	0.0000638U	0.000138U	0.000138U	0.0000638U	0.0000638U	0.000138U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000230U	0.000168U	0.000230U	0.000168U	0.000168U	0.000230U	0.000230U	0.000168U	0.000168U	0.000230U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.000155U	0.0000538U	0.000155U	0.0000538U	0.0000538U	0.000155U	0.000155U	0.0000538U	0.0000538U	0.000155U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000183U	0.000194U	0.000183U	0.000194U	0.000194U	0.000183U	0.000183U	0.000194U	0.000194U	0.000183U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.000162U	0.0000745U	0.000162U	**0.00437J**	0.0000745U	0.000162U	**0.00316J**	0.0000745U	0.0000745U	0.000162U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000769U	0.0000756U	0.0000769U	0.0000756U	0.0000756U	0.0000769U	0.0000769U	0.0000756U	0.0000756U	0.0000769U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.000122U	0.0000573U	0.000122U	0.0000573U	0.0000573U	0.000122U	0.000122U	0.0000573U	0.0000573U	0.000122U

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Groundwater/Tap Water, June 20
- Italicized contaminant – no ARBCA PSV available.
[a] – EPA Regional Screening Level for Chemical Contaminants at Superfund Sites, Ma
- Bold font indicates a detected concentration
- Bold, italicized, and underlined font indicates that a concentration exceeds an ARBC
- mg/L – milligrams per liter.
- ND – non-detect; analyte concentration is below the laboratory detection limit.
- J – flag indicates an estimated value.

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-8)	DUP-2 (OMS-28-1)	DUP-1 (OMS-28-4)	DUP-2 (MW-8)	TRIP BLANK	TRIP BLANK	
				07/01/08	12/10/08	07/08/08	12/11/08	07/01/08	07/08/08	12/10/08	12/11/08	07/14/08	07/01/08	12/11/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000963U	0.0000683U	0.0000963U	0.0000683U	0.0000683U	0.0000963U	0.0000963U	0.0000683U	0.0000683U	0.0000963U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000154U	0.000148U	0.000154U	0.000148U	0.000148U	0.000154U	0.000154U	0.000148U	0.000148U	0.000154U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.0000928U	0.000146U	0.0000928U	0.000146U	0.000146U	0.0000928U	0.0000928U	0.000146U	0.000146U	0.0000928U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000859U	0.0000801U	0.0000859U	0.0000801U	0.0000801U	0.0000859U	0.0000859U	0.0000801U	0.0000801U	0.0000859U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.000201U	0.0000961U	0.000201U	0.0000961U	0.0000961U	0.000201U	0.000201U	0.0000961U	0.0000961U	0.000201U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.0000912U	0.000223U	0.0000912U	0.000223U	0.0000223U	0.0000912U	0.0000912U	0.000223U	0.000223U	0.0000912U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000129U	0.000356U	0.000129U	0.000356U	0.000356U	0.000129U	0.000129U	0.000356U	0.000356U	0.000129U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000202U	0.000158U	0.000202U	0.000158U	0.000158U	0.000202U	0.000202U	0.000158U	0.000158U	0.000202U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.0000690U	0.000109U	0.0000690U	0.000109U	0.000109U	0.0000690U	0.0000690U	0.000109U	0.000109U	0.0000690U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000898U	0.0000663U	0.0000898U	0.0000663U	0.0000663U	0.0000898U	0.0000898U	0.0000663U	0.0000663U	0.0000898U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000960U	0.0000555U	0.0000960U	0.0000555U	0.0000555U	0.0000960U	0.0000960U	0.0000555U	0.0000555U	0.0000960U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.000132U	0.0000861U	0.000132U	0.0000861U	0.0000861U	0.000132U	0.000132U	0.0000861U	**0.000257J**	0.000132U

- U - flag indicates the compound was analyzed for but was not detected

NE = Not established

NA = Not analyzed

FIGURES

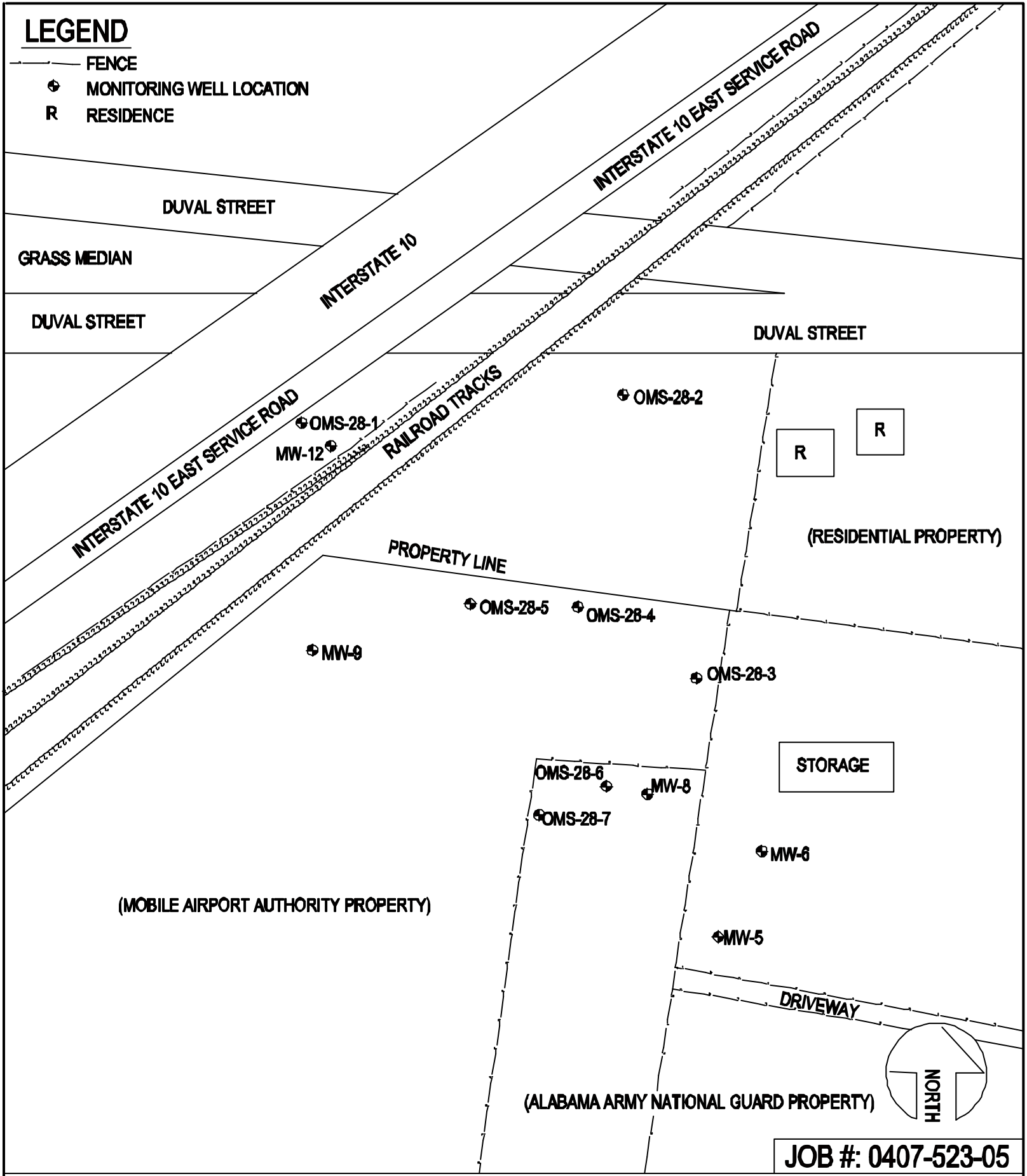
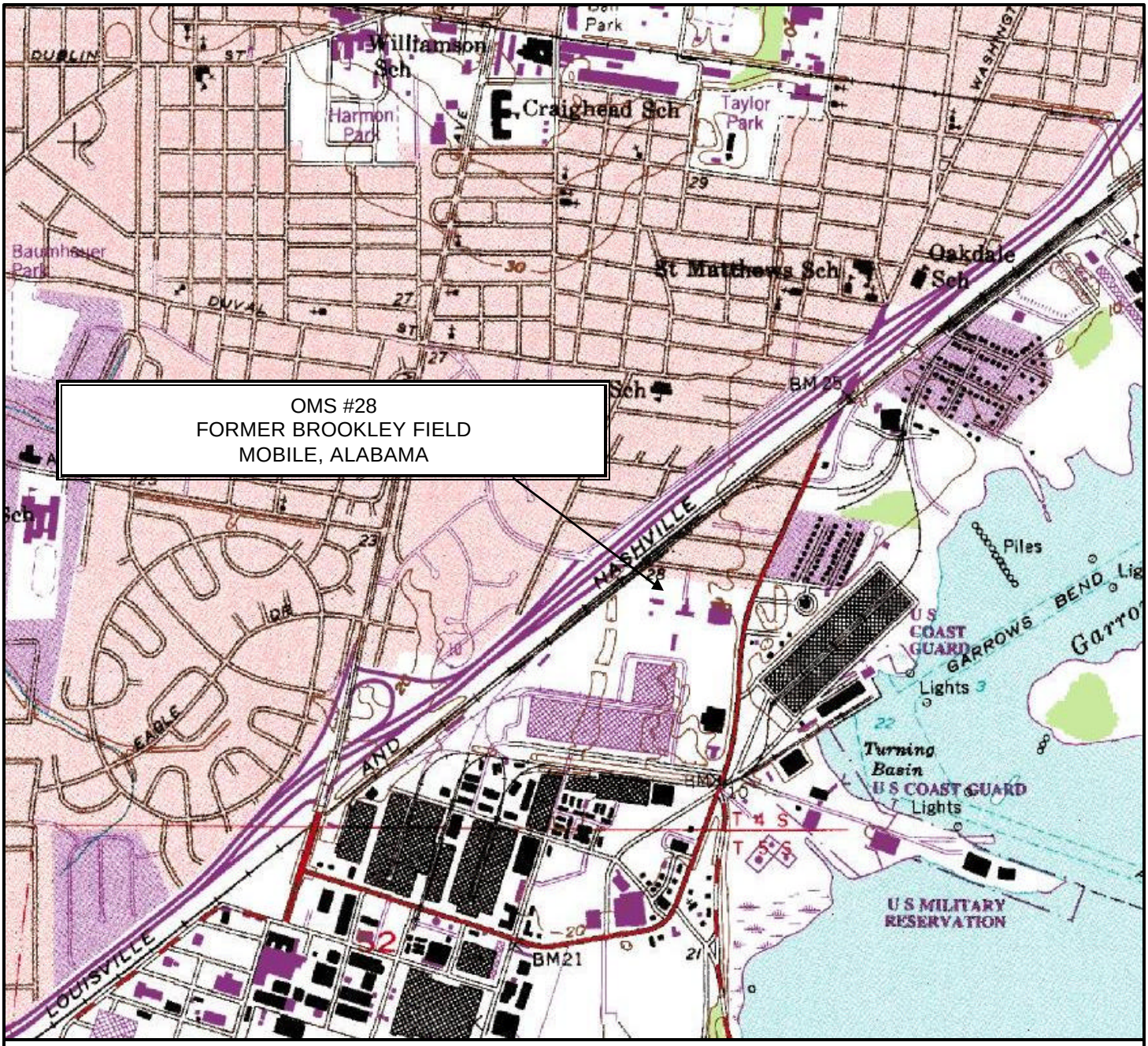


FIGURE 2 PROJECT SITE MAP

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

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



MOBILE, ALABAMA
QUADRANGLE

7.5 MINUTE SERIES
(TOPOGRAPHIC)

CONTOUR NTERVAL 10 FEET

DATED 1982

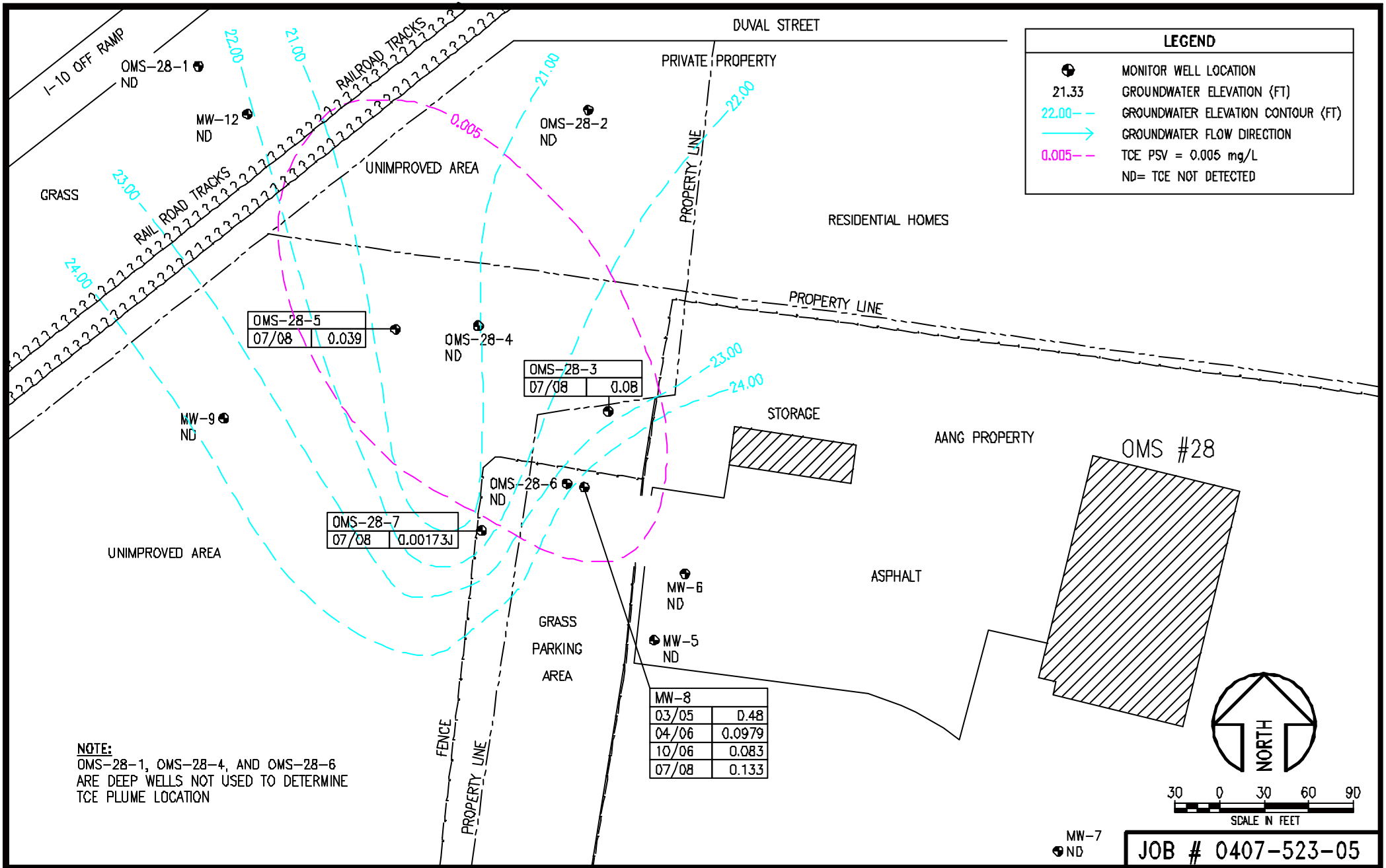
FIGURE 1 SITE LOCATION MAP

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

DRAWN BY: WPD

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



JOB # 0407-523-05

FIGURE 4B – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, JULY 2008

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: OCTOBER 2008
DRAWN BY: ESCHETE

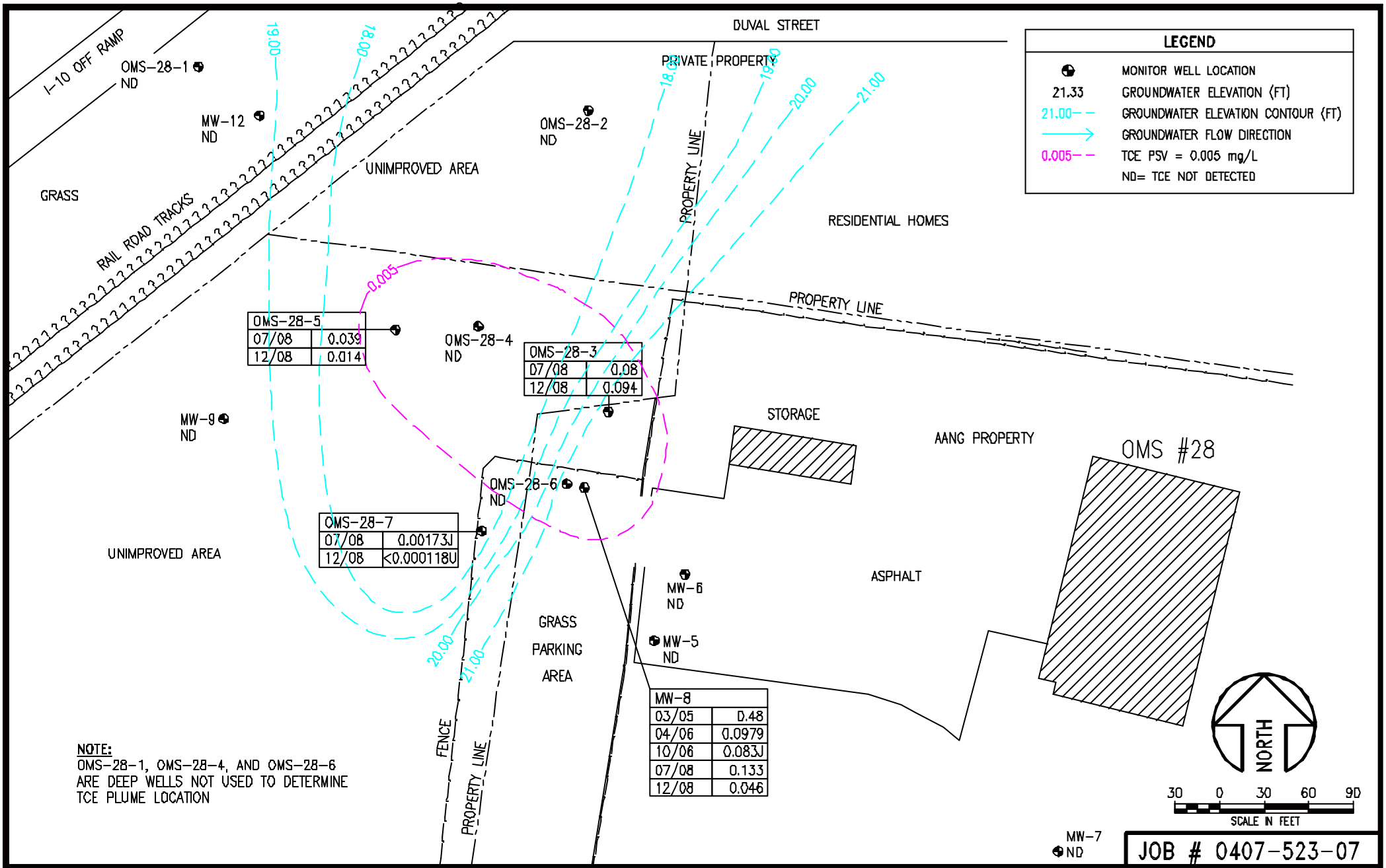


FIGURE 4A – TRICHLOROETHENE (TCE) GROUNDWATER PLUME, DECEMBER 2008

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

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

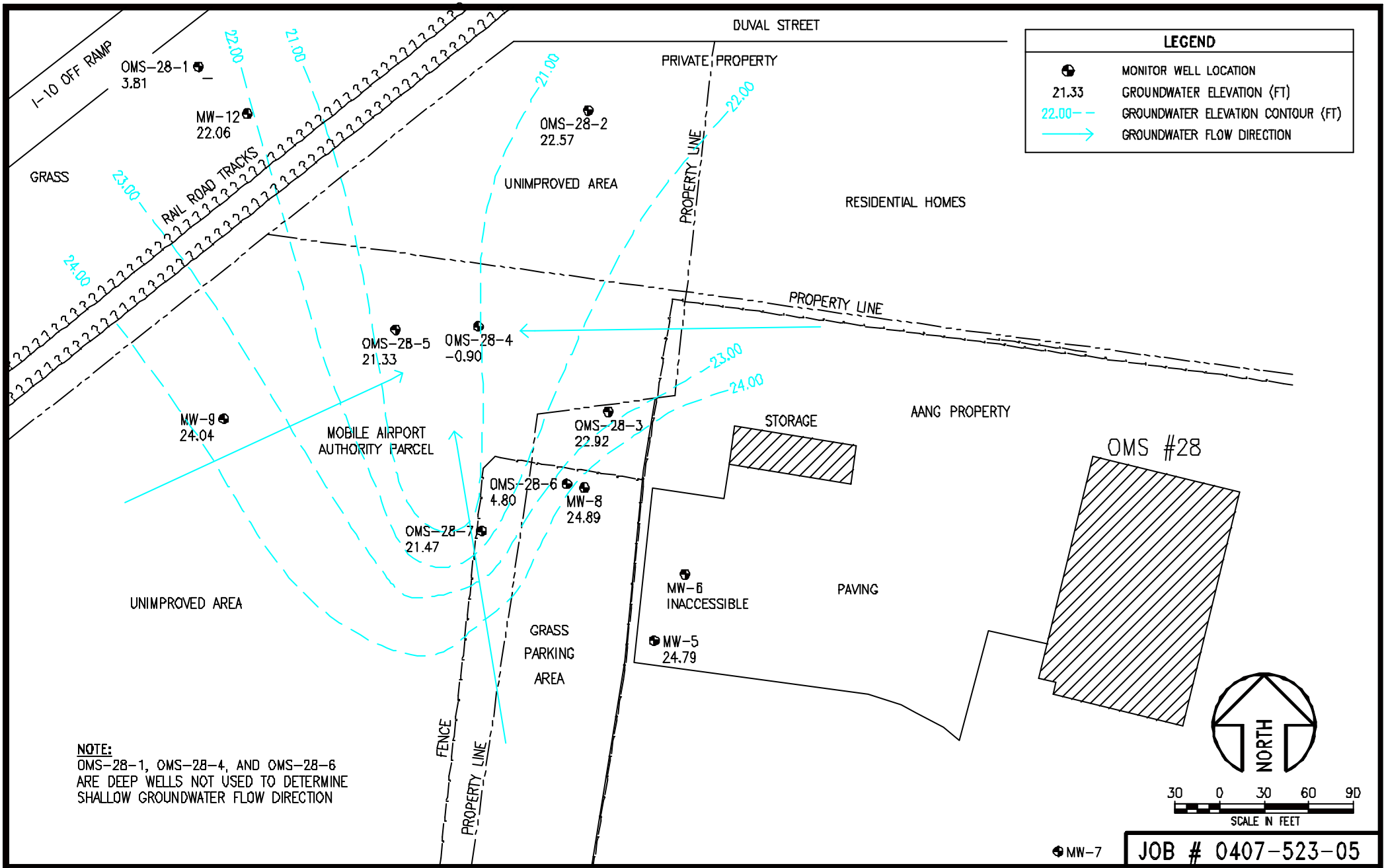


FIGURE 3B – SHALLOW POTENTIOMETRIC SURFACE MAP, JULY 2008

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"
DATE: OCTOBER 2008
DRAWN BY: ESCHETE

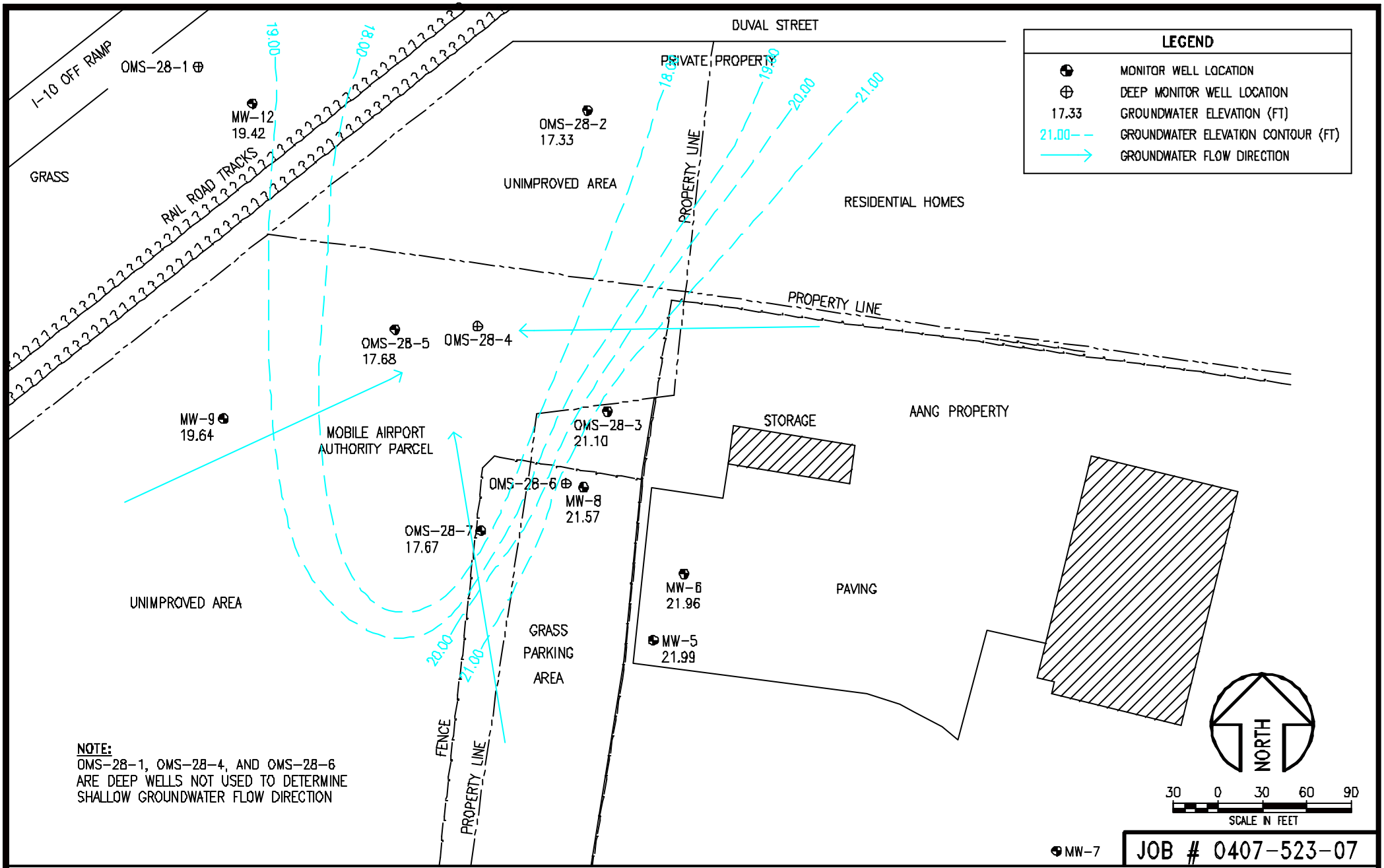


FIGURE 3A - SHALLOW POTENTIOMETRIC SURFACE MAP, DECEMBER 2008

AEROSTAR ENVIRONMENTAL SERVICES, INC.

OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

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

APPENDIX A

Natural Attenuation Monitoring Report Form

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
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	6.15
MW-6	1994	2.0	2.3	12.3	6.19
MW-8	1994	2.0	4.8	14.8	6.67
MW-9	2006	2.0	7.4	17.4	7.81
MW-12	2006	2.0	5.6	15.6	6.52
OMS-28-1	2008	2.0	70.0	80.0	23.29
OMS-28-2	2008	2.0	10.0	20.0	13.55
OMS-28-3	2008	2.0	10.0	20.0	9.60
OMS-28-4	2008	2.0	66.0	76.0	27.19
OMS-28-5	2008	2.0	10.0	20.0	12.44
OMS-28-6	2008	2.0	66.0	76.0	27.07
OMS-28-7	2008	2.0	10.0	20.0	9.89

Water Supply Wells

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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

Section 1 - Site Summary

Purpose of Monitoring:

[X] Plume Characterization

[ ] Confirmation Monitoring

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

Site Status:

[ ] Assessment Complete

[ ] ARBCA Evaluation Conducted

[ ] Active UST's

[ ] Site Classification

[ ] Free Product ever present

Number of Groundwater Monitoring Wells:

[ ] Piezometers

[9] Type II

[3] Type III

[ ] Other

Number of Water Supply Wells:

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

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

[ ] Other (Explain) _____

Status of Waste Water Disposal:

[ ] Quantity (gallons)

[ ] Disposal Method

[ ] Stored On-site

[ ] Disposal Documentation

Comments:

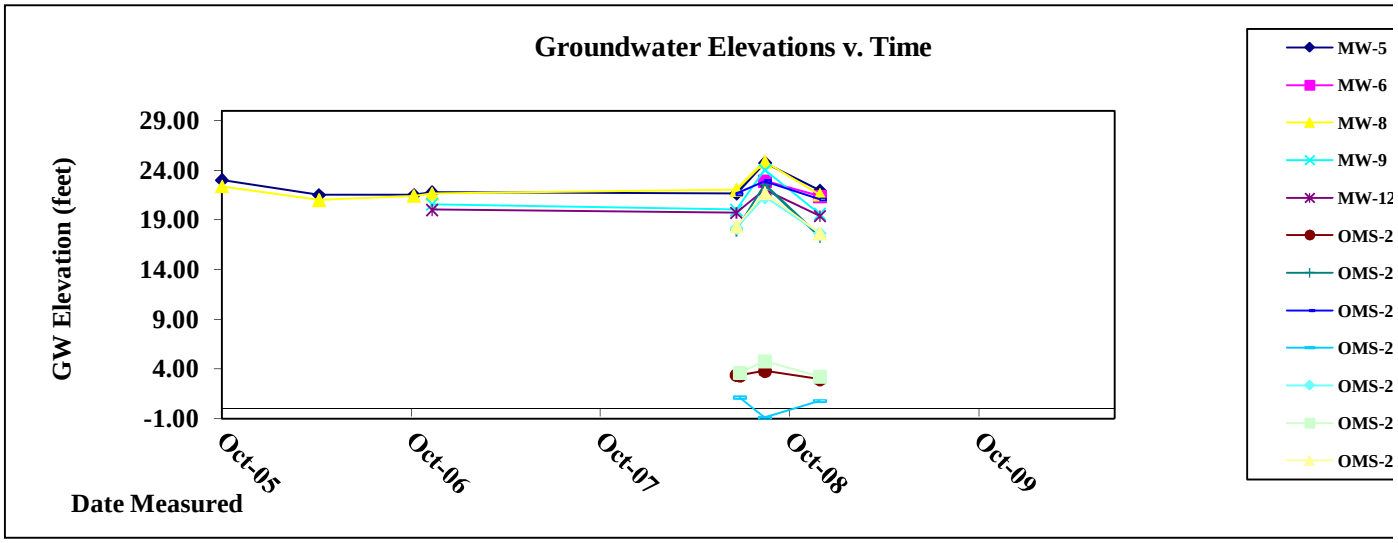
ATTACH A BRIEF SUMMARY OF THE ARBCA EVALUATION INCLUDING THE SSTL'S DEVELOPED FOR THE SITE AND THE LOCATION OF THE POINT OF COMPLIANCE.

NATURAL ATTENUATION MONITORING REPORT

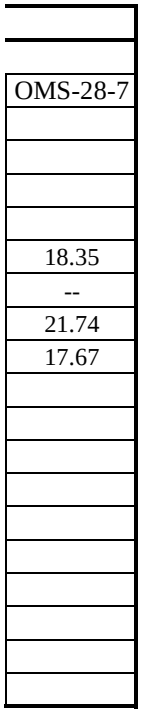
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

Section 8 - Groundwater Elevation Data

DATE	Well ID/Corrected Groundwater Elevation (feet)										
	MW-5	MW-6	MW-8	MW-9	MW-12	OMS-28-1	OMS-28-2	OMS-28-3	OMS-28-4	OMS-28-5	OMS-28-6
10/13/05	23.04	22.93	22.40								
04/18/06	21.54	21.39	21.04								
10/18/06	21.54	21.45	21.44								
11/22/06	21.83	21.82	21.66	20.59	20.04						
07/01/08	21.67	22.31	22.04	20.05	19.74	3.40	17.97	21.65	--	18.22	--
07/08/08	--	--	--	--	--	3.36	--	--	1.14	--	3.61
08/25/08	24.79	--	24.89	24.04	22.06	3.81	22.57	22.92	-0.90	21.33	4.80
12/09/08	21.99	21.96	21.57	19.64	19.42	2.97	17.33	21.10	0.80	17.68	3.24



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


OMS-28-7
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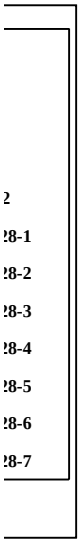
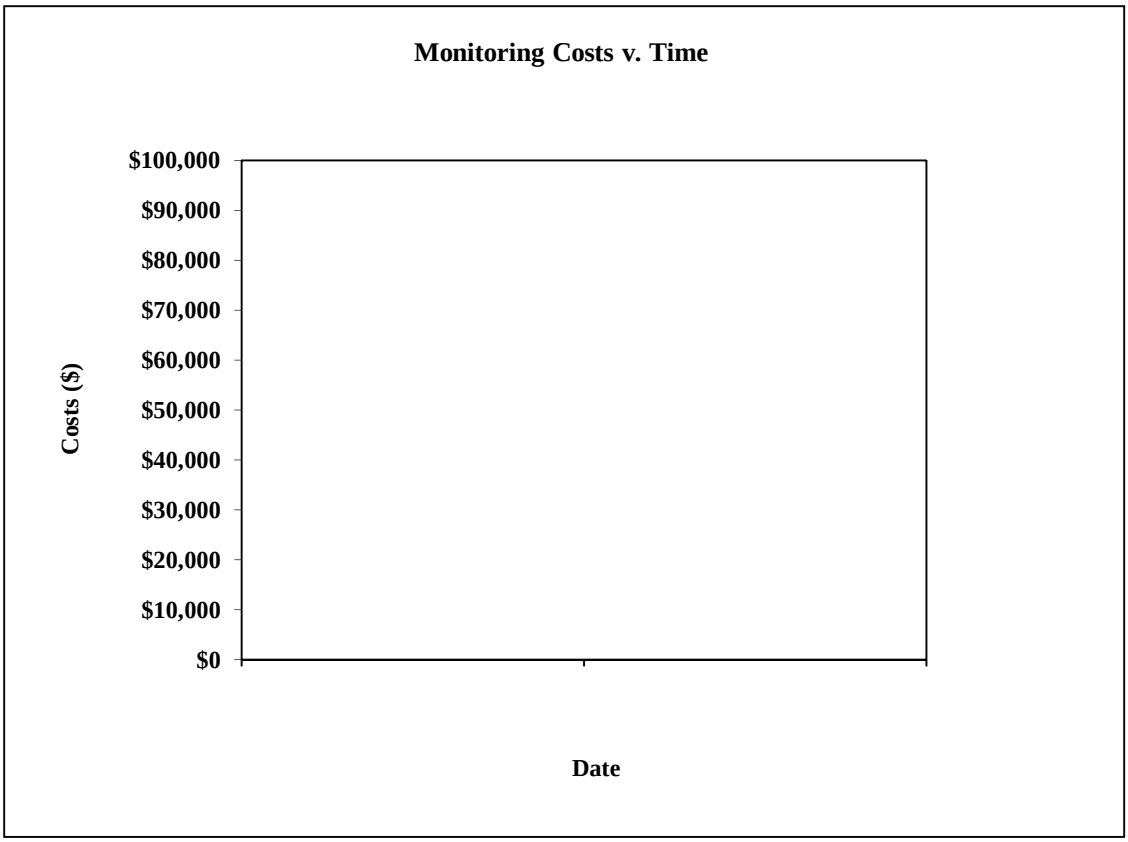
21.74
17.67


2
28-1
28-2
28-3
28-4
28-5
28-6
28-7

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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



NATURAL ATTENUATION MONITORING REPORT

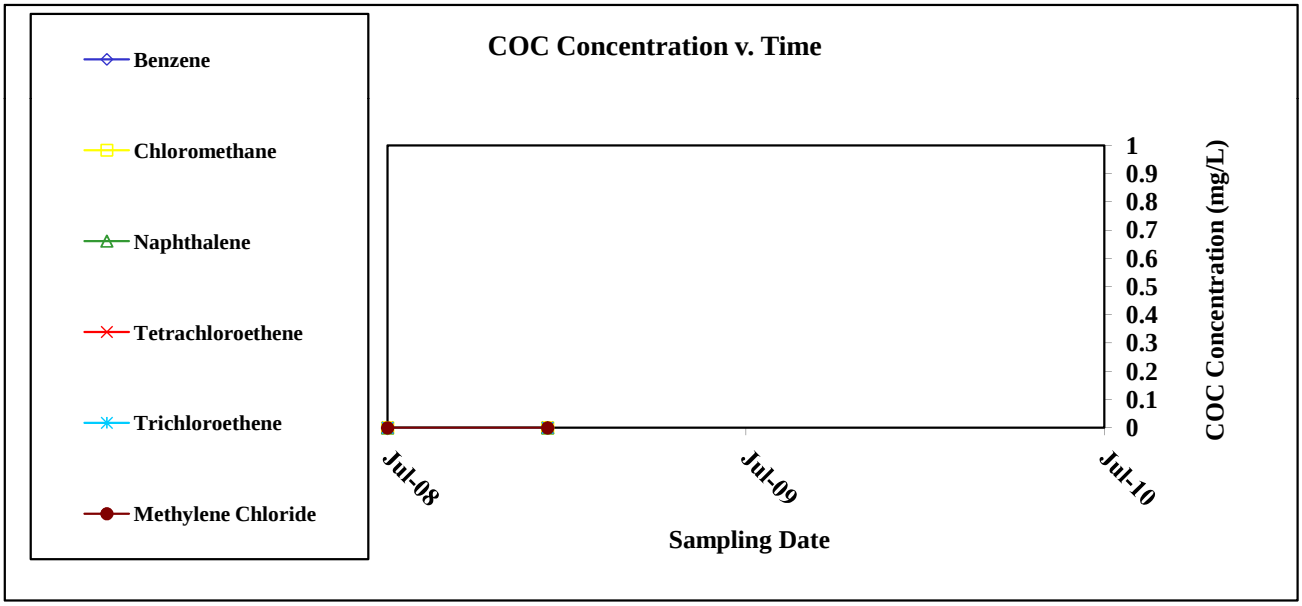
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID MW-5

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.00464J	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID MW-5



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

NATURAL ATTENUATION MONITORING REPORT

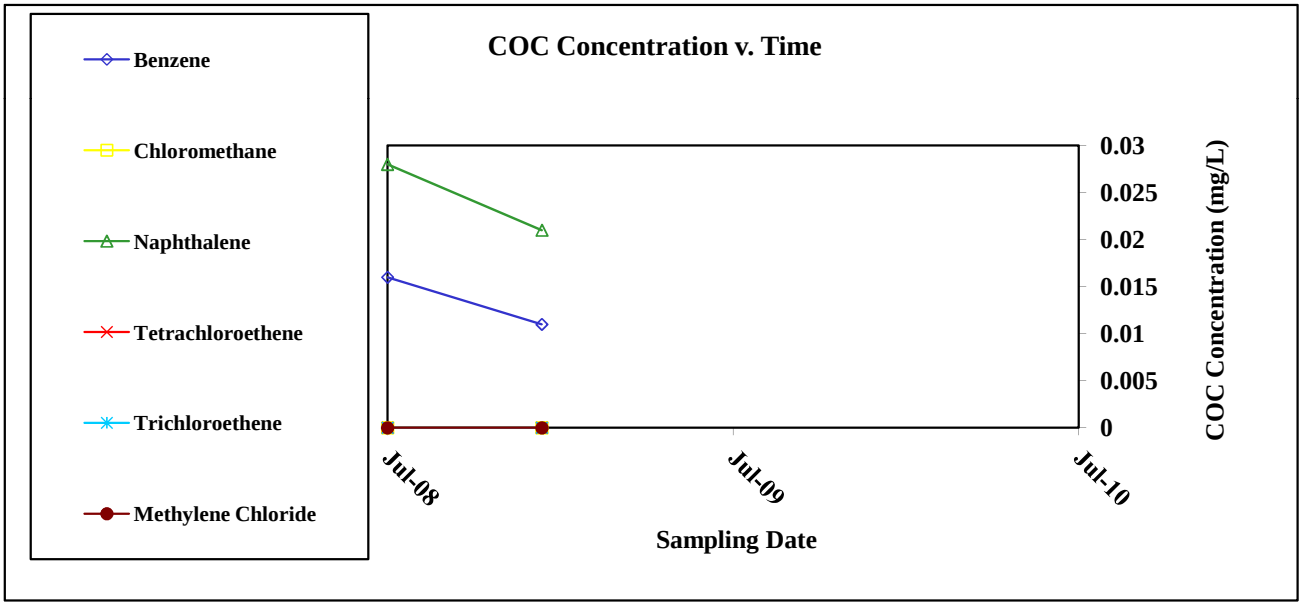
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID MW-6

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.016	0.000249U	0.028	0.000200U	0.000164U	0.0000765U
12/11/08	0.011	0.000101U	0.021	0.000153U	0.000118U	0.0000959U

Well ID MW-6



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

NATURAL ATTENUATION MONITORING REPORT

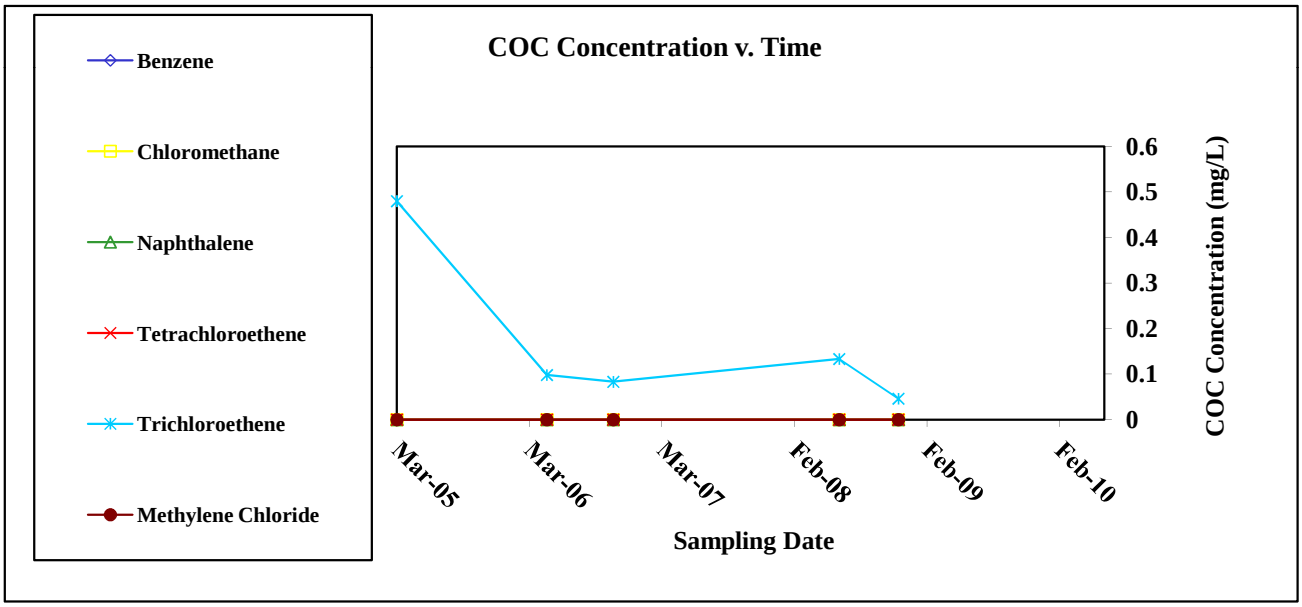
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID MW-8

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
03/01/05	NA	NA	NA	NA	0.48	NA
04/18/06	0.000225U	NA	0.000304U	NA	0.0979	NA
10/18/06	0.000225U	NA	0.000304U	NA	0.083	NA
07/01/08	0.0000624U	0.00210J	0.000245U	0.000200U	0.133	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.046	0.0000959U

Well ID MW-8



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

NATURAL ATTENUATION MONITORING REPORT

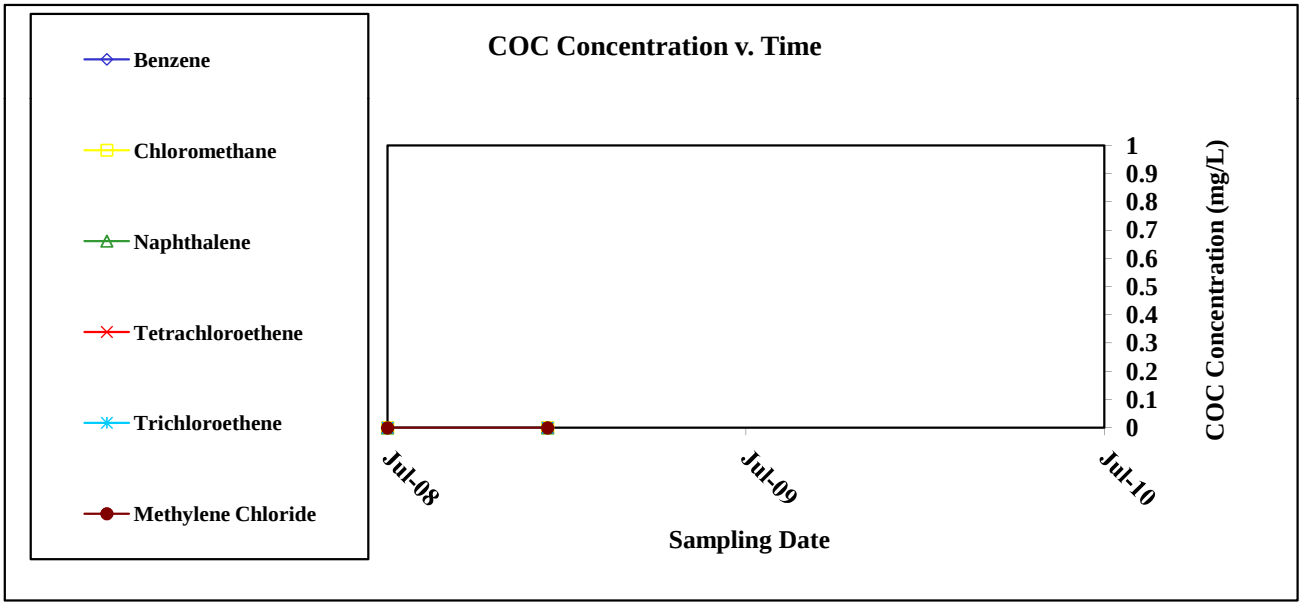
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID MW-9

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID MW-9



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

NATURAL ATTENUATION MONITORING REPORT

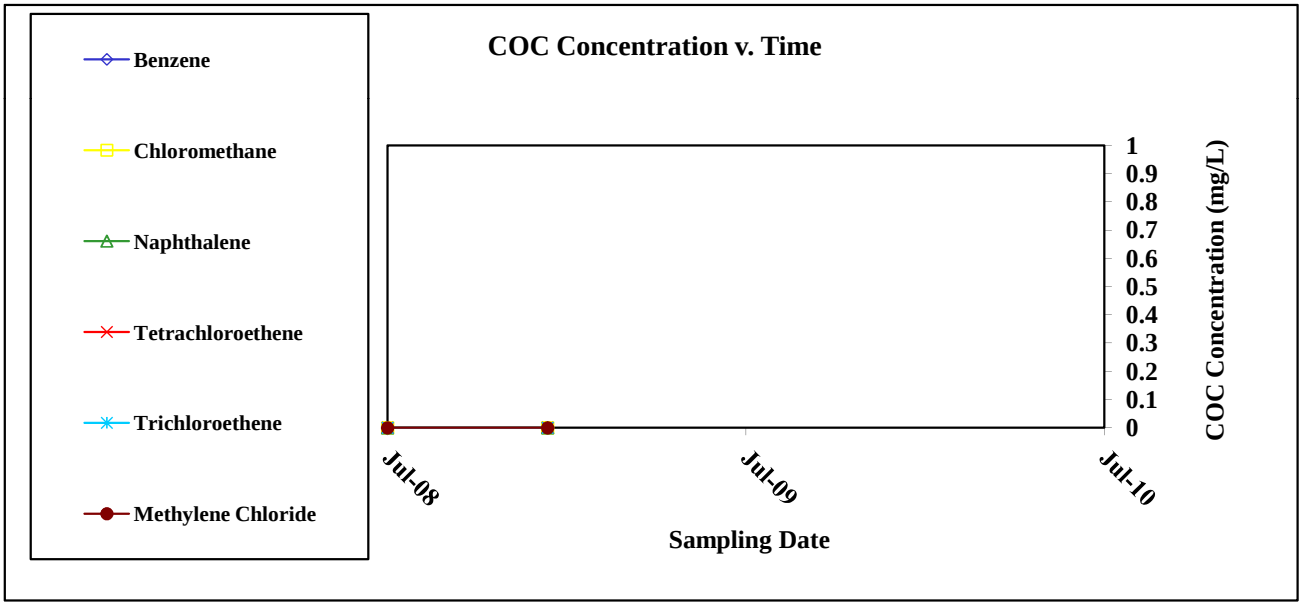
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID MW-12

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID MW-12



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

NATURAL ATTENUATION MONITORING REPORT

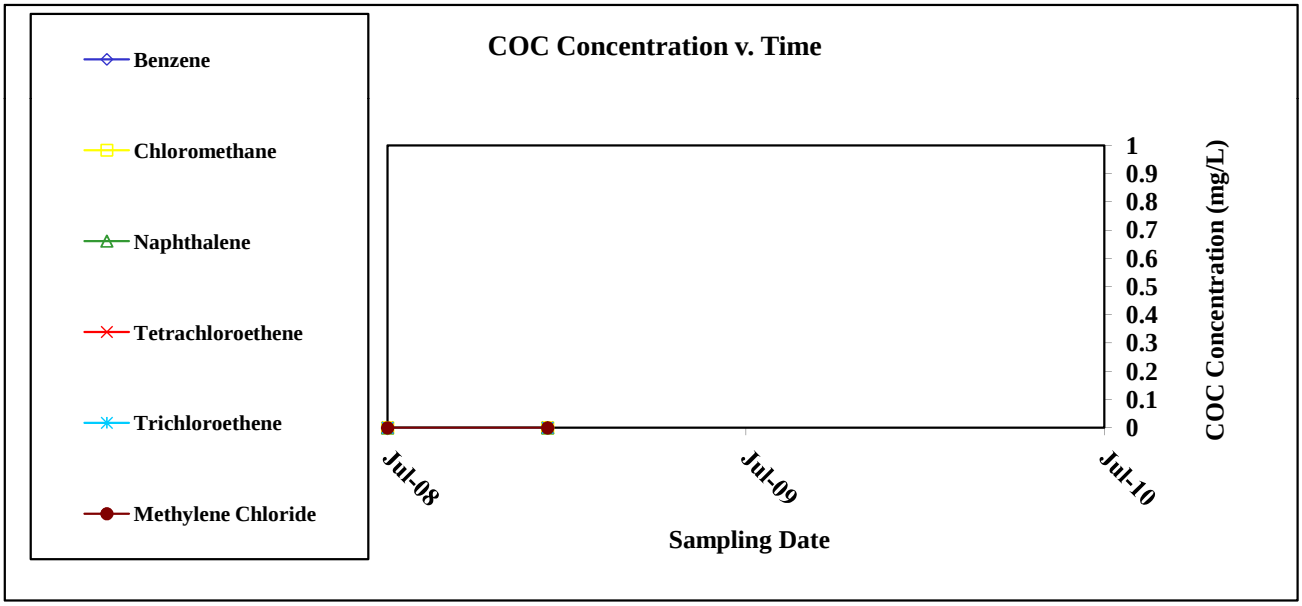
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-1

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.00151J	0.000245U	0.000200U	0.000164U	0.00905J
12/11/08	0.0000649U	0.000101U	0.00451J	0.000153U	0.000118U	0.0000959U

Well ID OMS-28-1



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

NATURAL ATTENUATION MONITORING REPORT

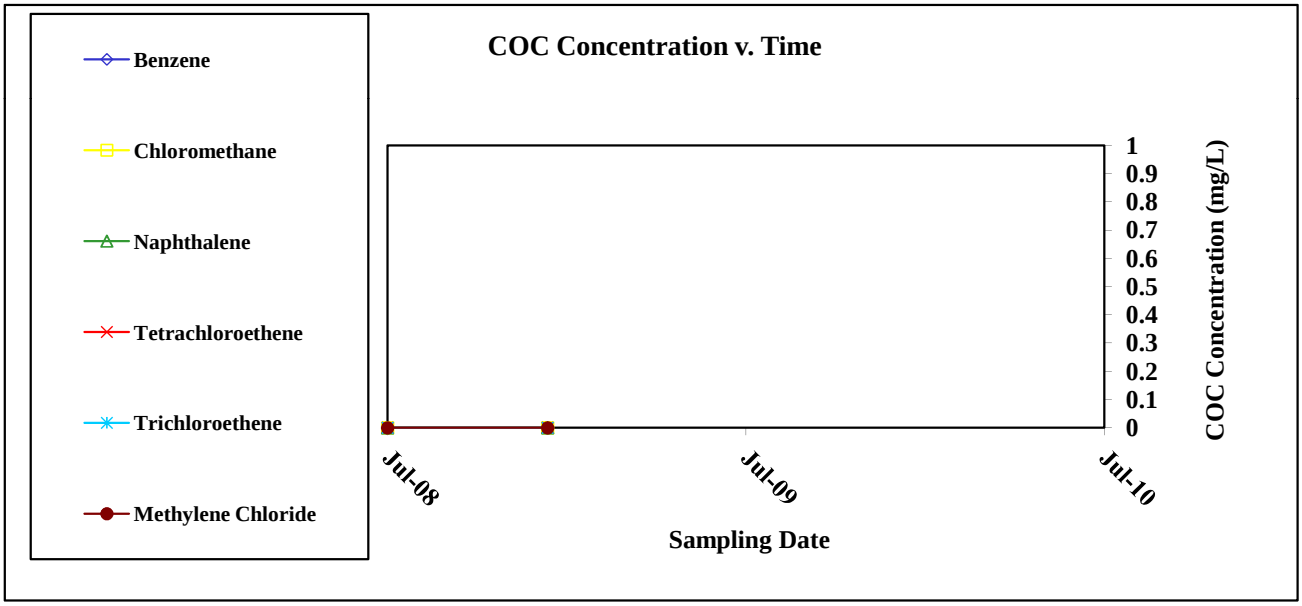
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-2

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.00111J	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID OMS-28-2



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

NATURAL ATTENUATION MONITORING REPORT

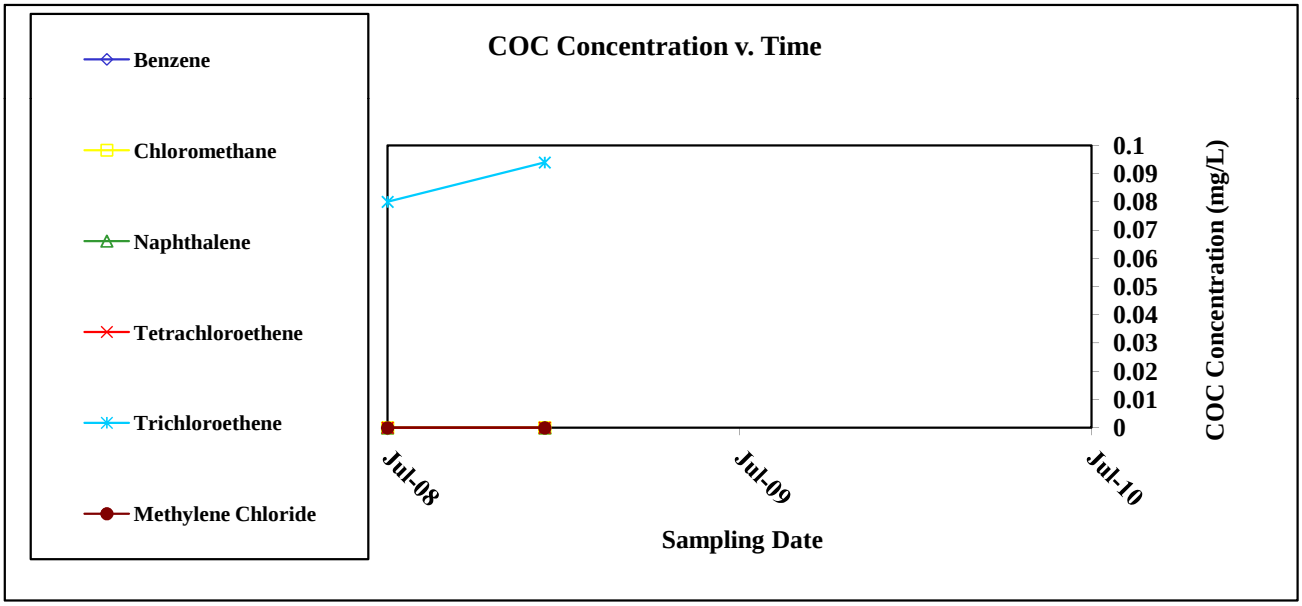
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-3

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000835J	0.000245U	0.000200U	0.08	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.094	0.0000959U

Well ID OMS-28-3



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

NATURAL ATTENUATION MONITORING REPORT

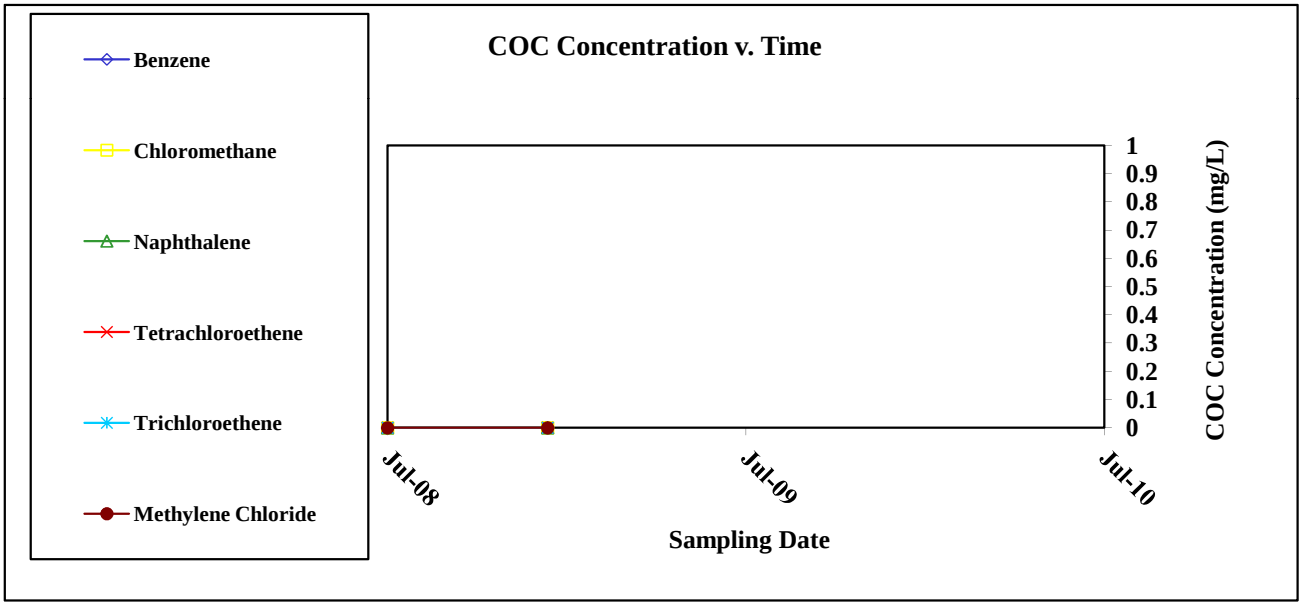
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-4

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID OMS-28-4



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

NATURAL ATTENUATION MONITORING REPORT

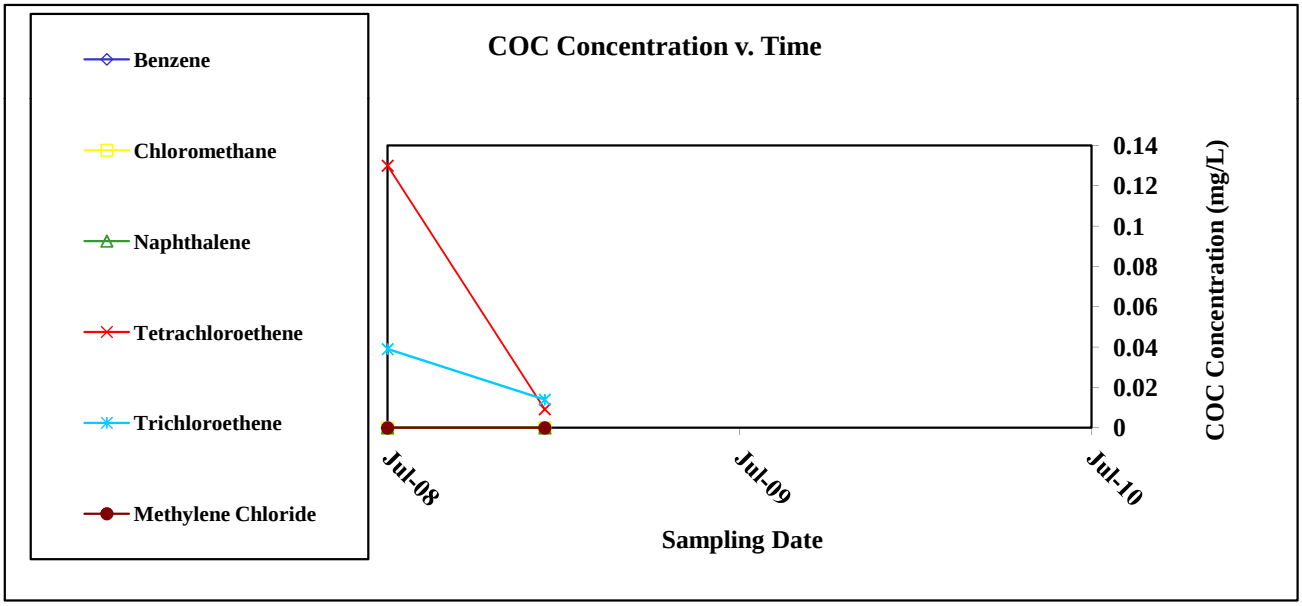
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-5

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.13	0.039	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.0092	0.014	0.0000959U

Well ID OMS-28-5



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

NATURAL ATTENUATION MONITORING REPORT

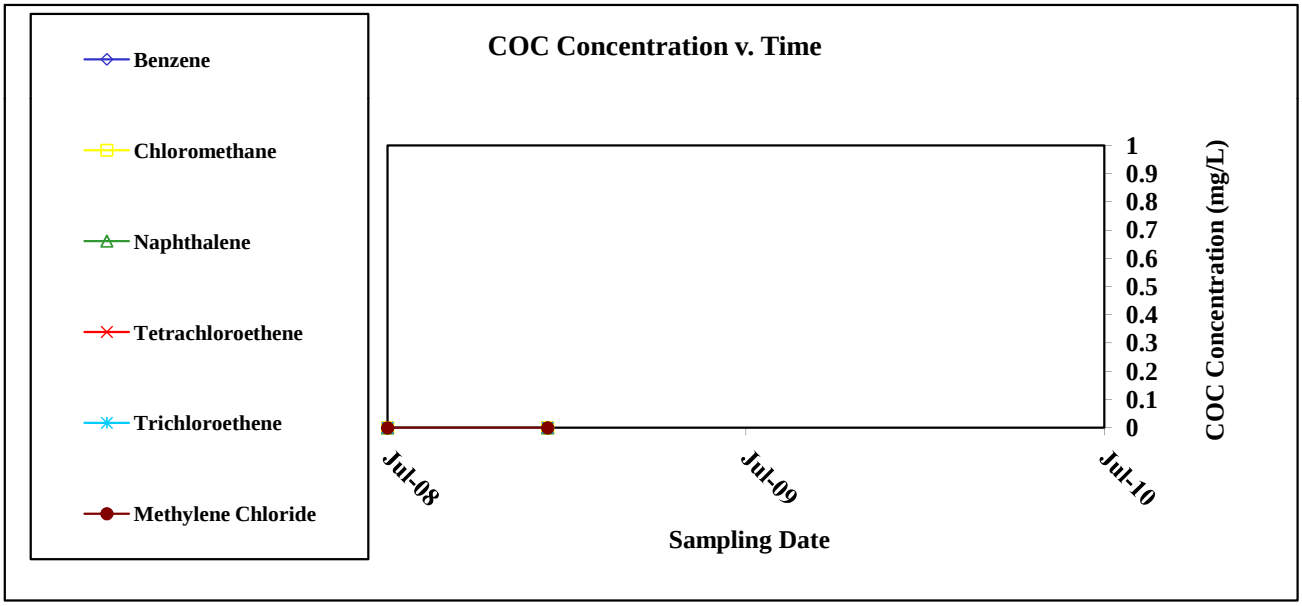
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-6

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.000164U	0.0000765U
12/11/08	0.0000649U	0.000101U	0.000118U	0.000153U	0.000118U	0.0000959U

Well ID OMS-28-6



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

NATURAL ATTENUATION MONITORING REPORT

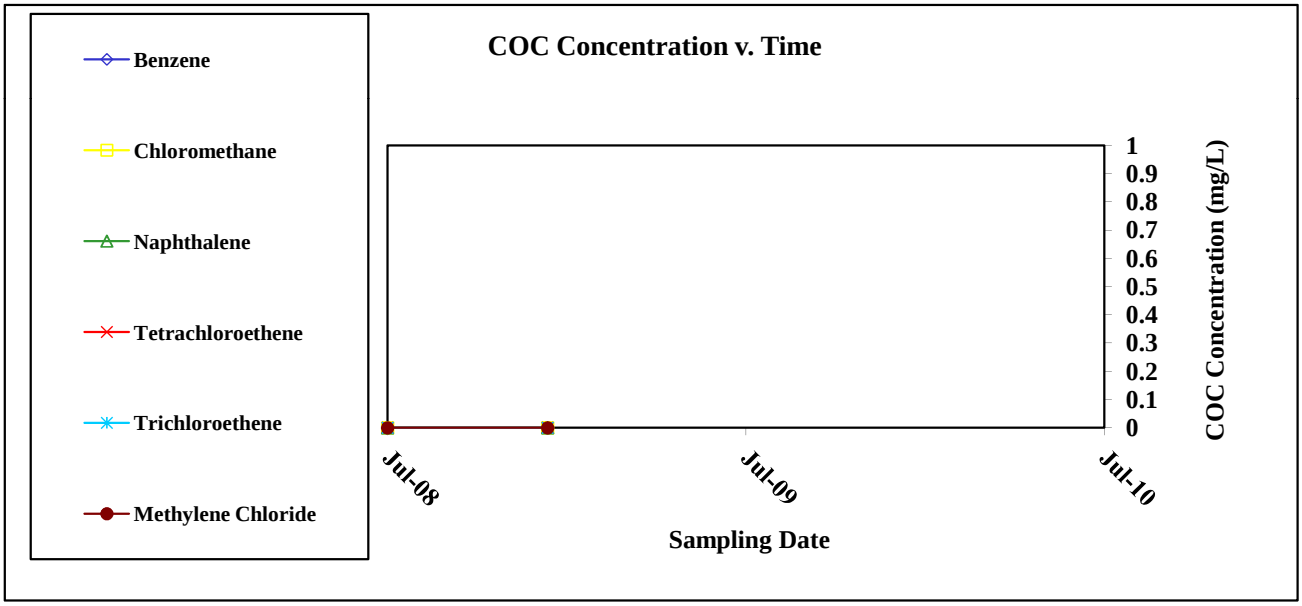
Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

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

Well ID OMS-28-7

	Historical Chemicals of Concern Data					
DATE	Benzene	Chloromethane	Naphthalene	Tetrachloroethene	Trichloroethene	Methylene Chloride
07/01/08	0.0000624U	0.000249U	0.000245U	0.000200U	0.00173J	0.0000765U
12/11/08	0.0000649U	0.000101U	0.00428J	0.000153U	0.000118U	0.0000959U

Well ID OMS-28-7



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

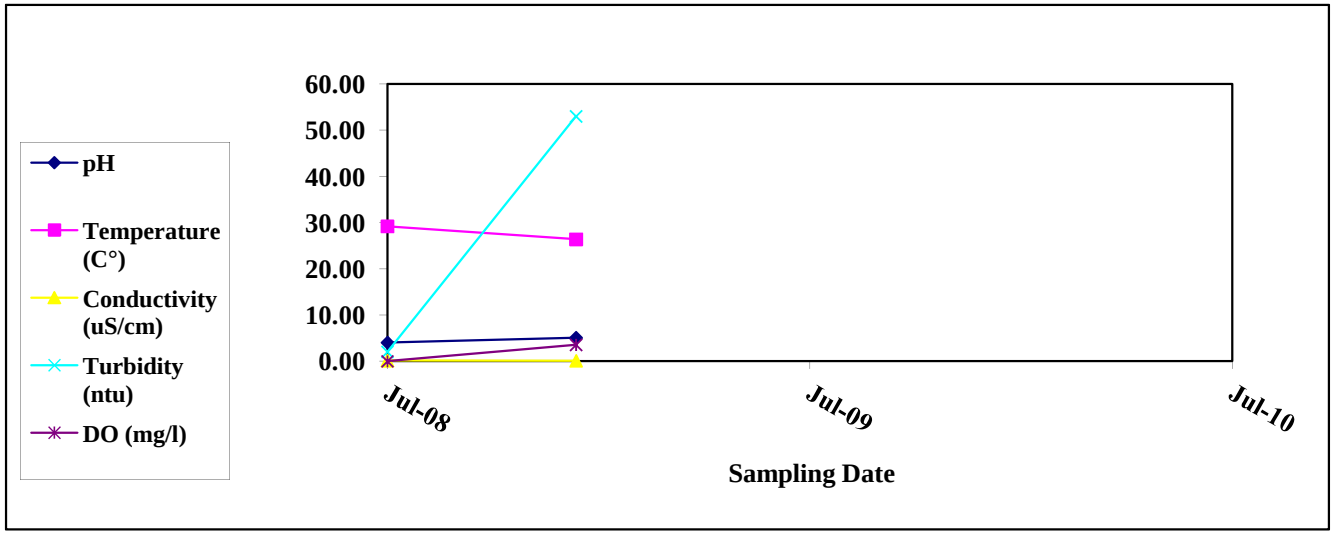
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-5

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	4.1	29.2	0.153	2	NM					
12/11/08	5.1	26.4	0.106	53	3.56					

Well ID MW-5



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

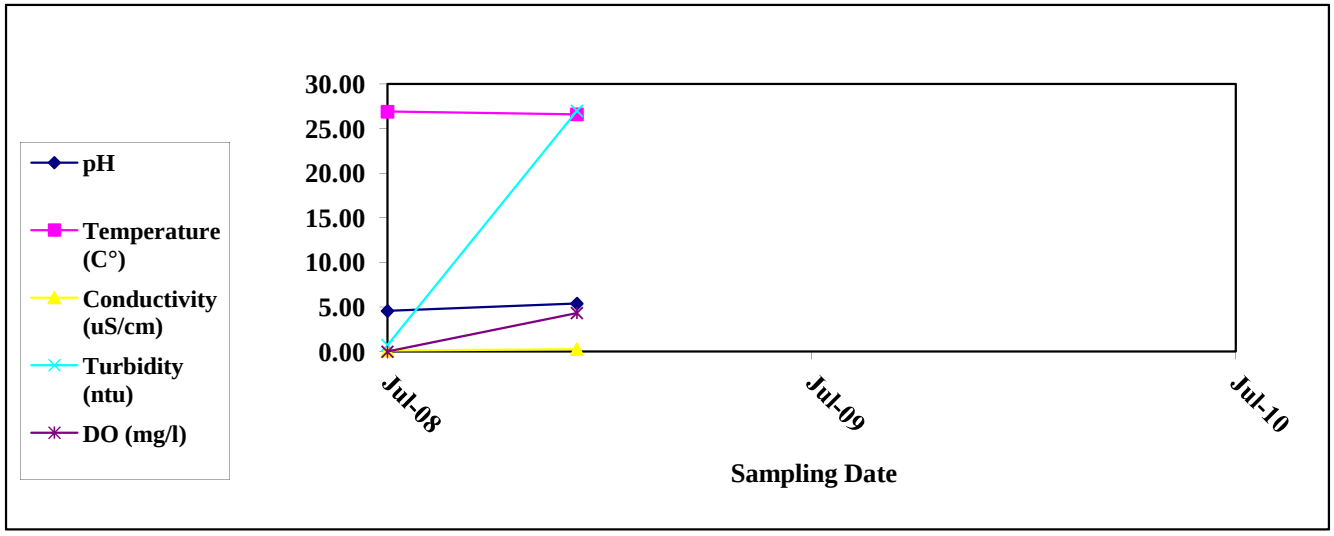
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-6

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	4.6	26.9	0.112	1	NM					
12/11/08	5.4	26.6	0.284	27	4.33					

Well ID MW-6



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

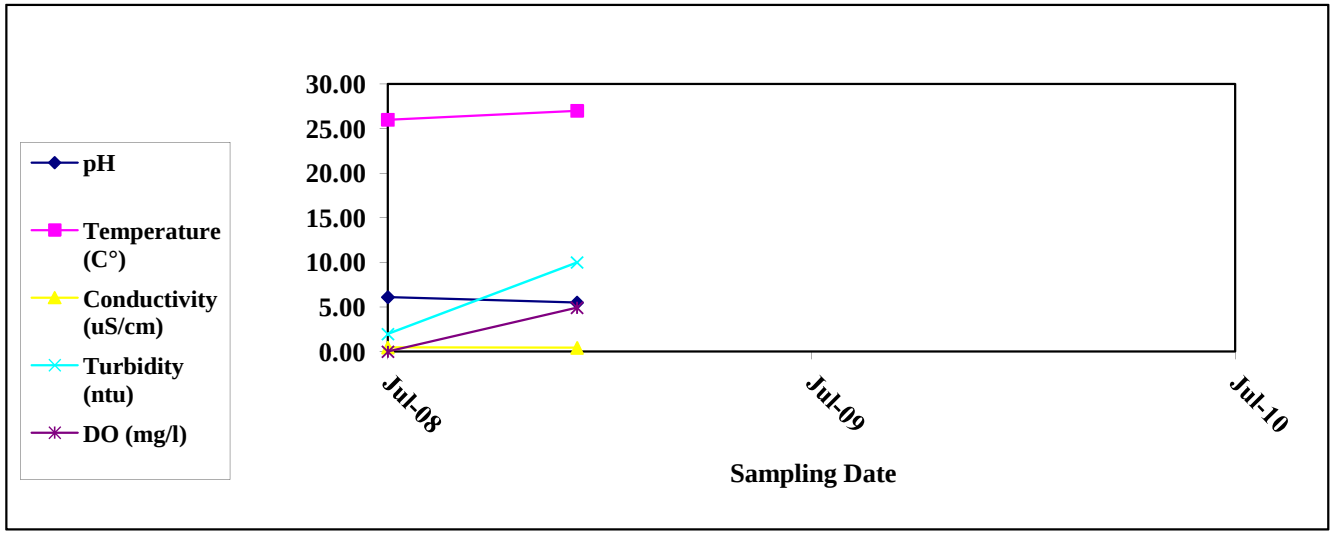
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-8

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	6.1	26.0	0.477	2	NM					
12/11/08	5.5	27.0	0.437	10	4.93					

Well ID MW-8



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

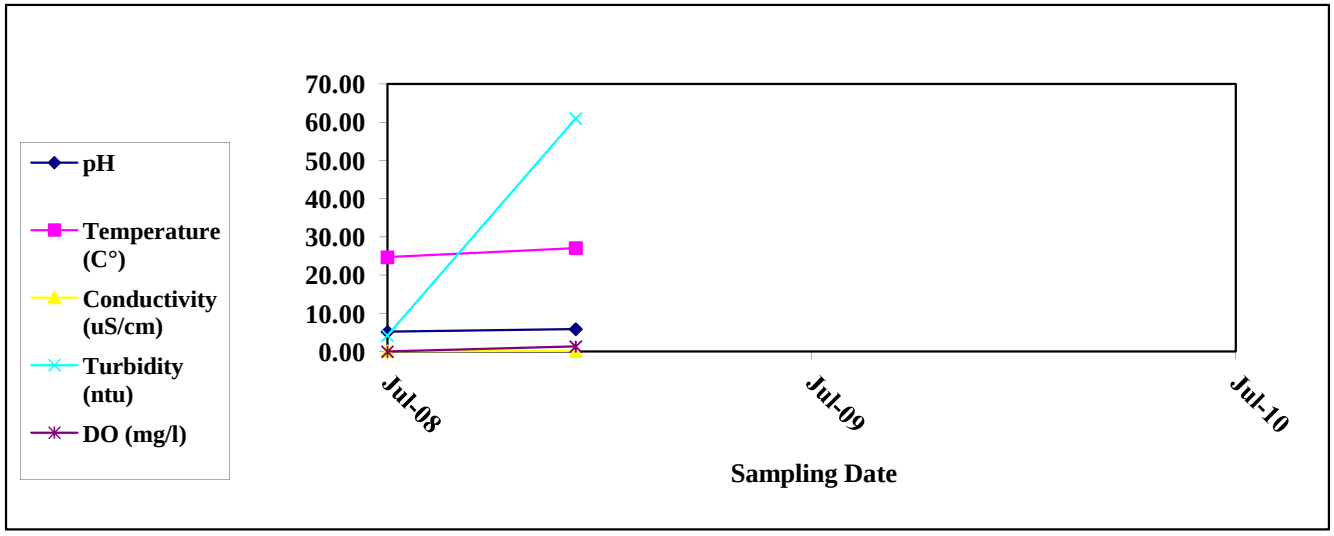
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-9

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.2	24.7	0.125	4	NM					
12/10/08	5.9	27.1	0.198	61	1.34					

Well ID MW-9



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

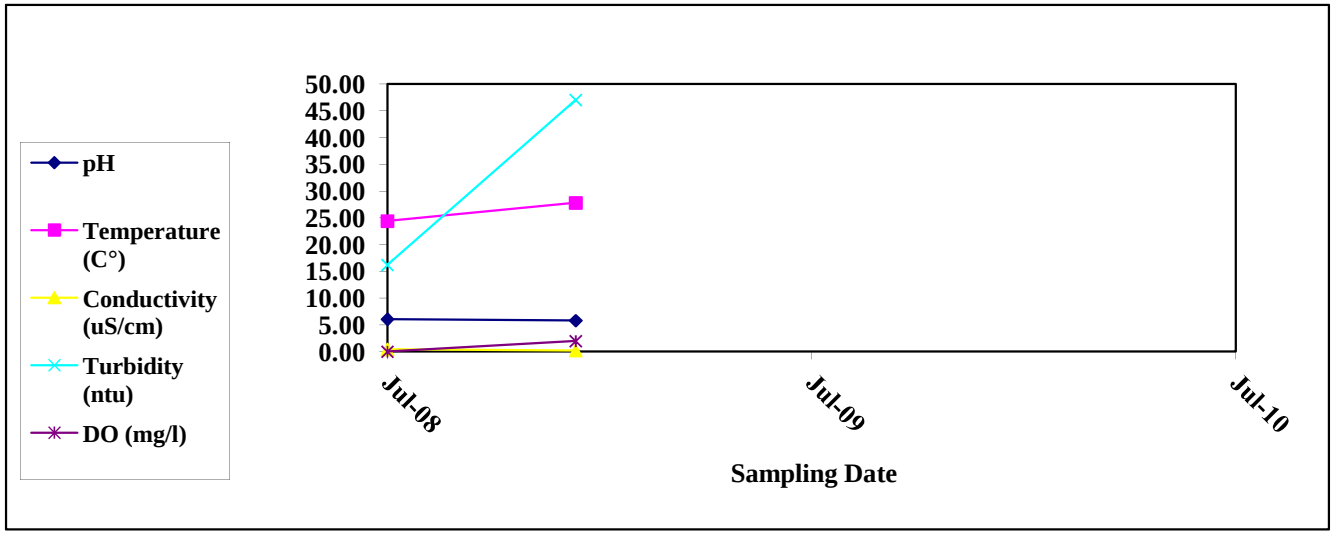
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID MW-12

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	6.1	24.4	0.439	16	NM					
12/10/08	5.8	27.8	0.232	47	1.97					

Well ID MW-12



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

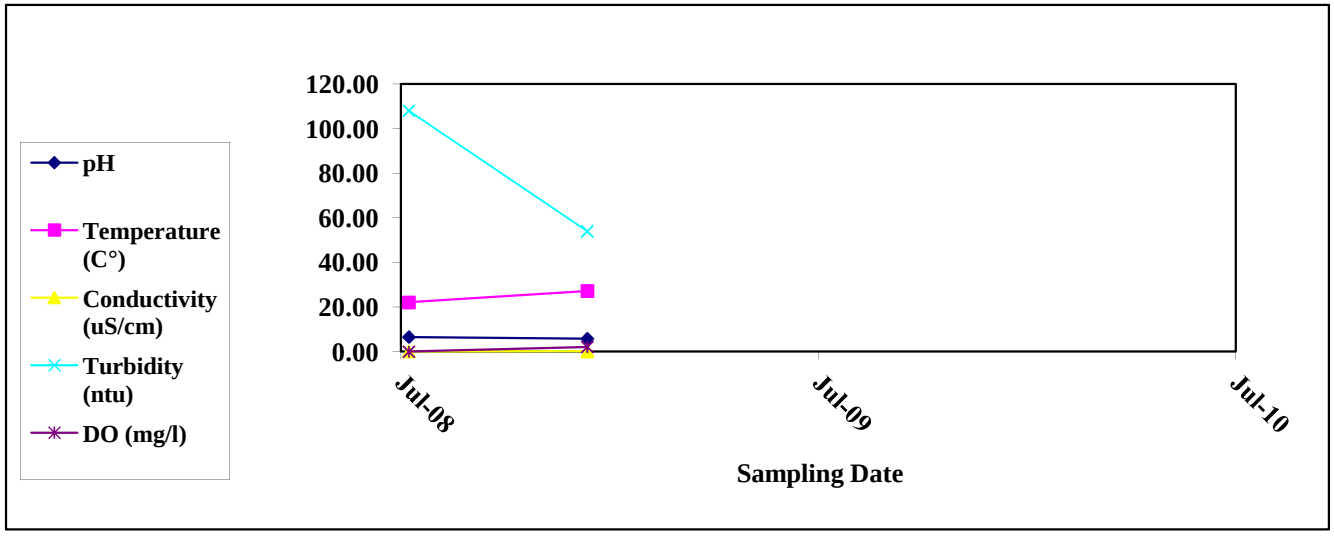
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-1

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.6	22.1	0.110	108	NM					
12/11/08	5.8	27.2	0.211	54	2.12					

Well ID OMS-28-1



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

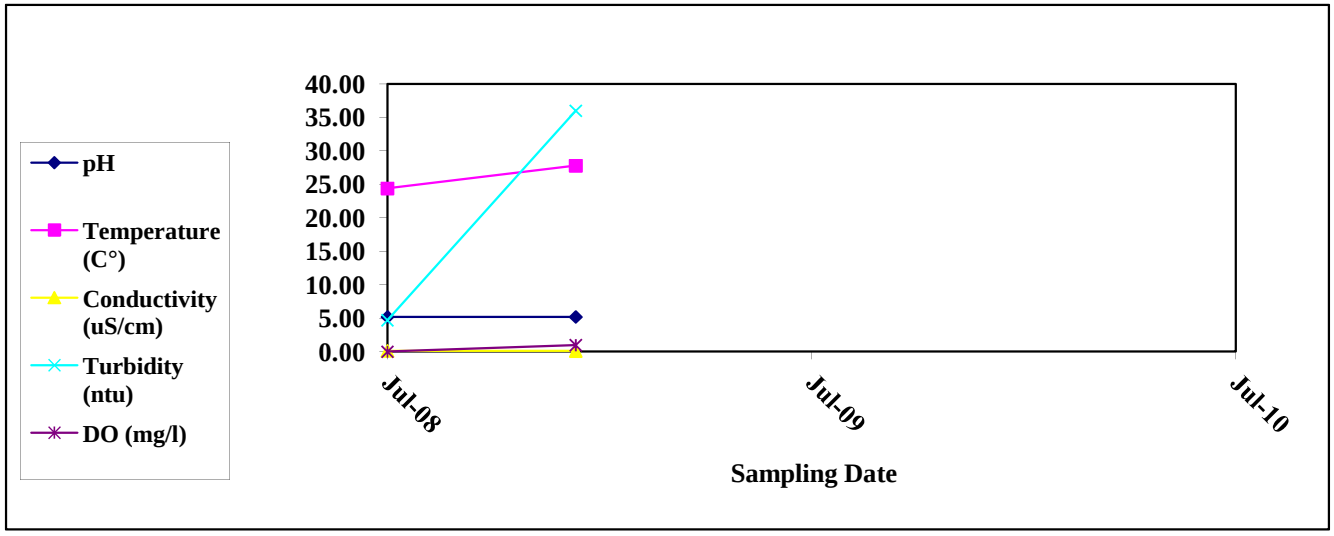
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-2

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.2	24.4	0.123	5	NM					
12/10/08	5.2	27.8	0.118	36	0.98					

Well ID OMS-28-2



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

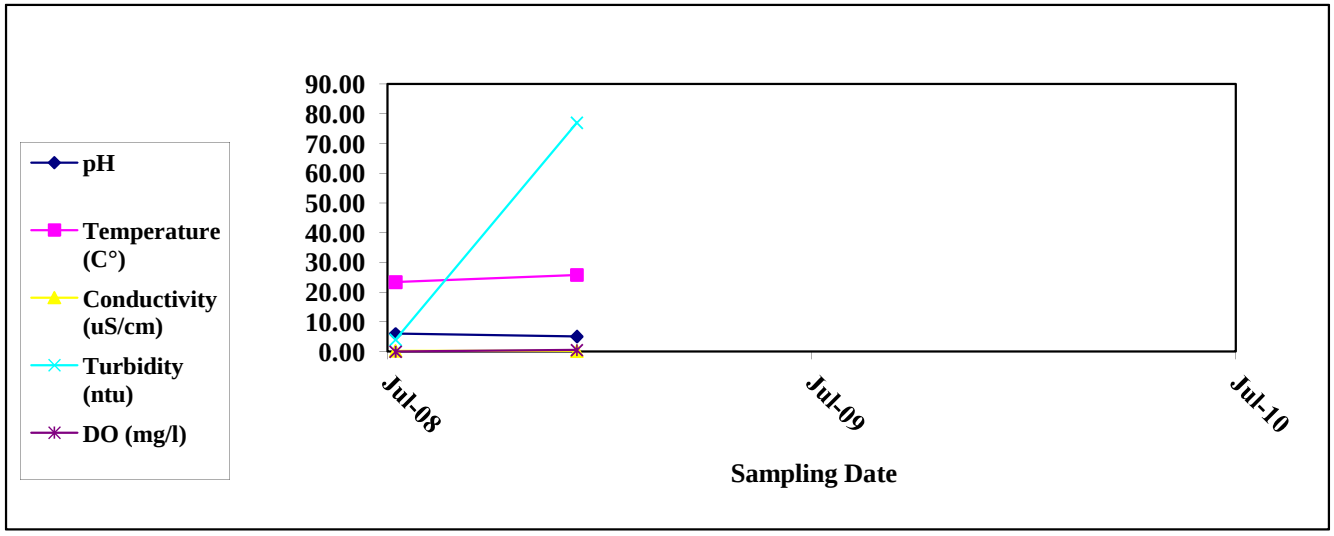
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-3

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.0	23.4	0.311	4	NM					
12/11/08	5.1	25.8	0.241	77	0.54					

Well ID OMS-28-3



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

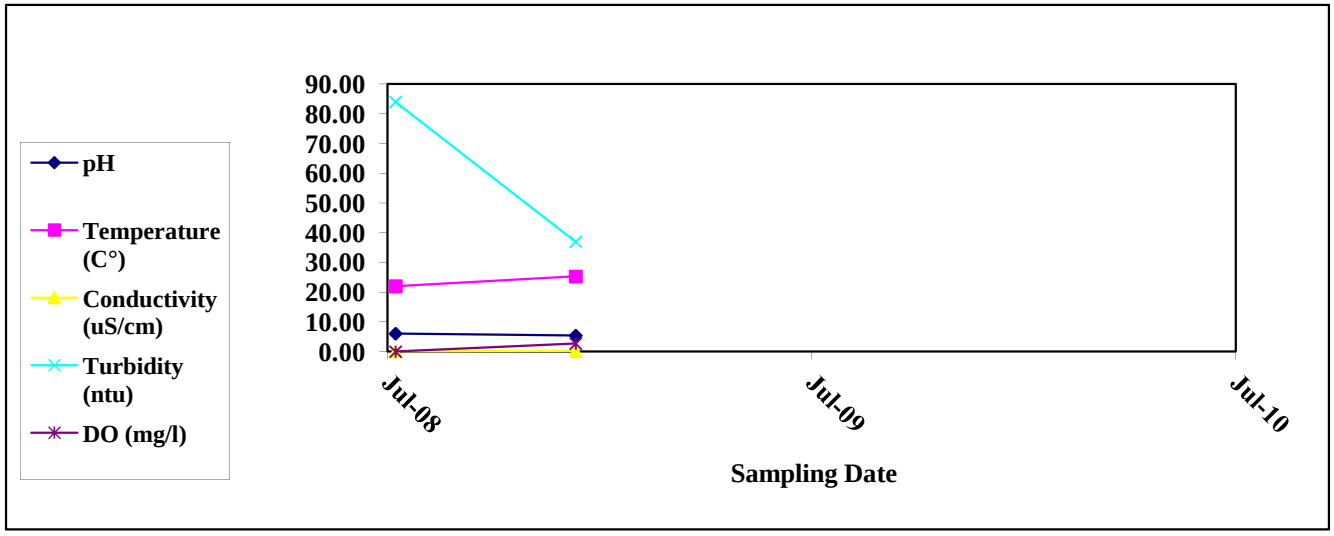
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-4

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	6.1	22.0	0.130	84	NM					
12/10/08	5.4	25.3	0.222	37	2.74					

Well ID OMS-28-4



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

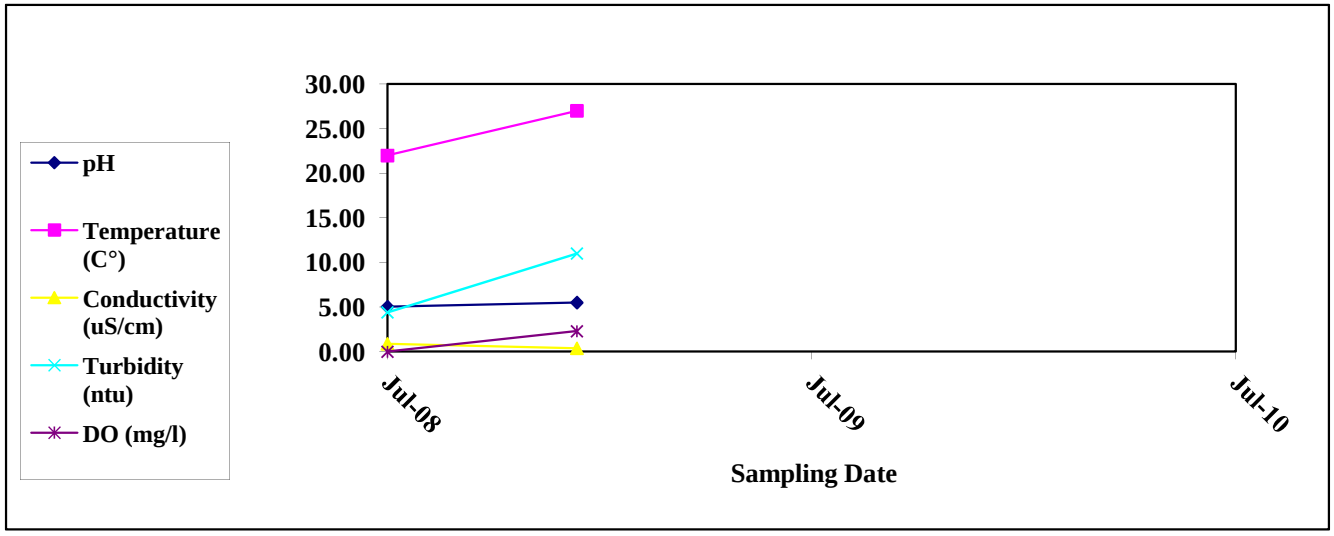
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-5

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.0	22.0	0.880	4	NM					
12/11/08	5.5	27.0	0.386	11	2.30					

Well ID OMS-28-5



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

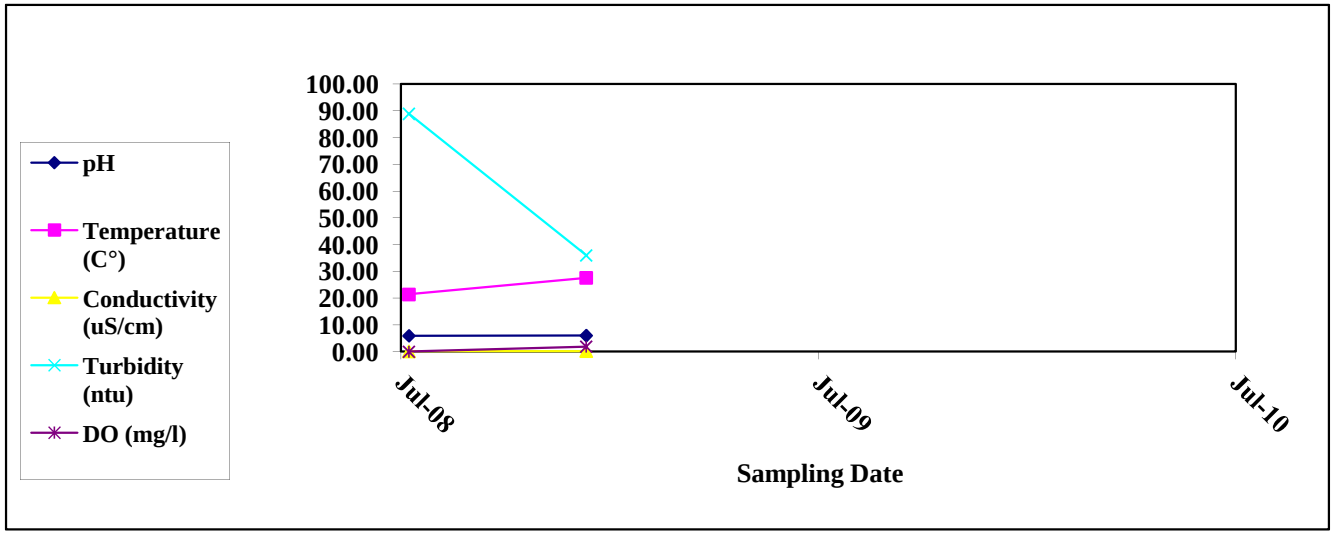
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-6

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/08/08	5.9	21.4	0.130	89	NM					
12/10/08	6.0	27.6	0.214	36	1.88					

Well ID OMS-28-6



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

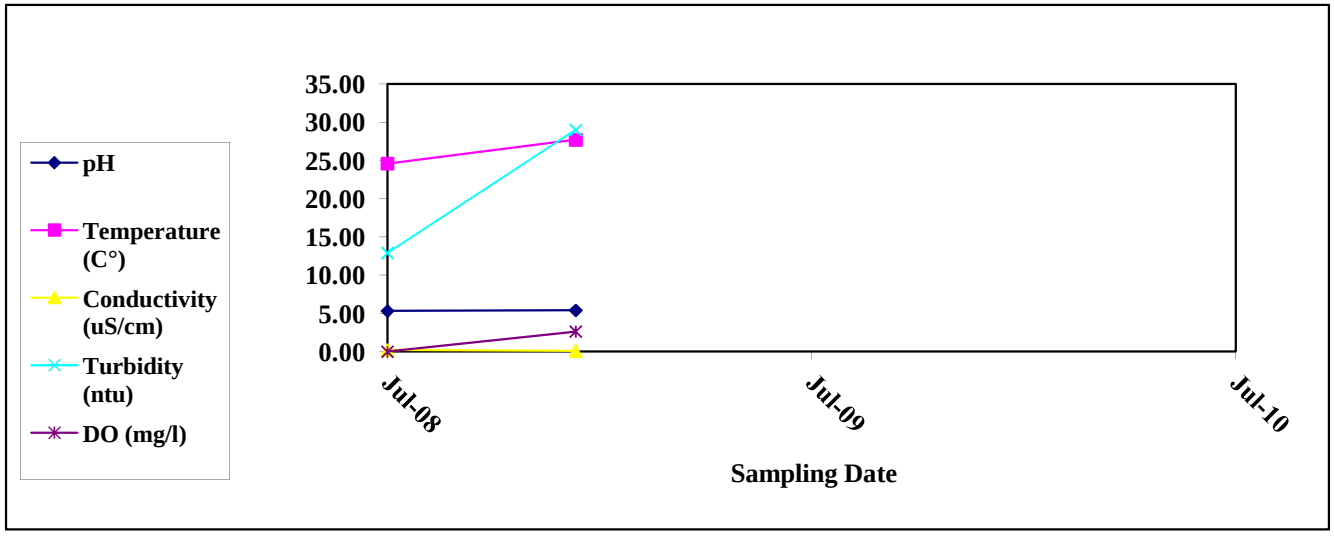
Section 7 - Historical Monitoring Well Intrinsic Groundwater Data

Well ID OMS-28-7

Historical Intrinsic Groundwater Data

DATE	pH	Temperature (C°)	Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/l)					
07/01/08	5.3	24.6	0.214	13	NM					
12/10/08	5.4	27.7	0.099	29	2.63					

Well ID OMS-28-7



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

NATURAL ATTENUATION MONITORING REPORT

Facility Name:	USACE OMS-28	Year:	2008
Facility I. D. No.:	NA	Quarter:	1st biannual
Incident No.:	GW 07-01-02	Reporting Period:	08/01/08 - 12/31/08
Consulting Firm:	Aerostar, Inc.	Project Manager:	Marshall Eschete

Section 4 - History of Sampling

Date	Sampling Parameters										Sampled By	
Sampled	VOCs	BTEX	MTBE	PAH	Metals	D.O.	Nitrate	Fe^{+2}	Sulfate	Methane	Name	Company
07/01/08	X										Prent Davis	Aerostar
07/08/08	X										Prent Davis	Aerostar
12/10/08	X										Marshall Eschete	Aerostar
12/11/08	X										Marshall Eschete	Aerostar

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

Title
Geologist
Geologist
Geologist
Geologist

PPROPRIATE

NATURAL ATTENUATION MONITORING REPORT

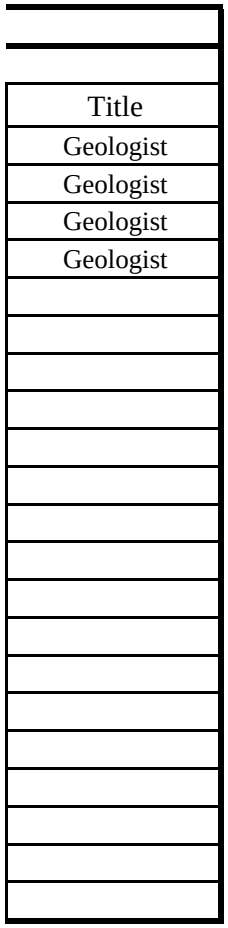
Facility Name: USACE OMS-28
Facility I. D. No.: NA
Incident No.: GW 07-01-02
Consulting Firm: Aerostar, Inc.

Year: 2008
Quarter: 1st biannual
Reporting Period: 08/01/08 - 12/31/08
Project Manager: Marshall Eschete

Section 5 - Sampling Methodology

Date	Analytical Methods										Sampled By	
Sampled	VOCs	BTEX	MTBE	PAH	Metals	D.O.	Nitrate	Fe^{+2}	Sulfate	Methane	Name	Company
07/01/08	8260										Prent Davis	Aerostar
07/08/08	8260										Prent Davis	Aerostar
12/10/08	8260										Marshall Eschete	Aerostar
12/11/08	8260										Marshall Eschete	Aerostar

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



PA METHOD
ALYTICAL

APPENDIX B

Laboratory Analytical Results

NELAP CERTIFICATE NUMBER 01955

To: Aerostar

Job ID: Brookley Field OMS - 28

Attn: Marshall Eschette

GCAL Report 208121217

Report Date 12/19/2008

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
20812121701	MW-9	Water	12/10/2008 12:10	12/12/2008 09:25
20812121702	OMS-28-2	Water	12/10/2008 12:55	12/12/2008 09:25
20812121703	MW-12	Water	12/10/2008 13:35	12/12/2008 09:25
20812121704	OMS-28-4	Water	12/10/2008 14:25	12/12/2008 09:25
20812121705	OMS-28-7	Water	12/10/2008 15:05	12/12/2008 09:25
20812121706	OMS-28-6	Water	12/10/2008 16:00	12/12/2008 09:25
20812121707	RINSATE	Water	12/10/2008 16:05	12/12/2008 09:25
20812121708	DUP	Water	12/10/2008 00:00	12/12/2008 09:25
20812121709	MW-8	Water	12/11/2008 09:20	12/12/2008 09:25
20812121710	MW-5	Water	12/11/2008 09:50	12/12/2008 09:25
20812121711	MW-6	Water	12/11/2008 08:40	12/12/2008 09:25
20812121712	OMS-28-1	Water	12/11/2008 12:00	12/12/2008 09:25
20812121713	OMS-28-3	Water	12/11/2008 10:35	12/12/2008 09:25
20812121714	OMS-28-5	Water	12/11/2008 11:10	12/12/2008 09:25
20812121715	RINSATE-2	Water	12/11/2008 12:05	12/12/2008 09:25
20812121716	DUP-2	Water	12/11/2008 00:00	12/12/2008 09:25
20812121717	TRIP	Water		12/12/2008 09:25

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121705	**OMS-28-7**	Water	12/10/2008 15:05	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	0.00428J	0.00500	0.000118	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121709	**MW-8**	Water	12/11/2008 09:20	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.046	0.00500	0.000118	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00324J	0.00500	0.000162	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121711	**MW-6**	Water	12/11/2008 08:40	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	0.011	0.00500	0.0000649	mg/L
110-82-7	Cyclohexane	0.00139J	0.00500	0.000105	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00406J	0.00500	0.000135	mg/L
91-20-3	Naphthalene	0.021	0.00500	0.000118	mg/L
1330-20-7	Xylene (total)	0.00523J	0.010	0.000183	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121712	**OMS-28-1**	Water	12/11/2008 12:00	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	0.00451J	0.00500	0.000118	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121713	**OMS-28-3**	Water	12/11/2008 10:35	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
156-59-2	cis-1,2-Dichloroethene	0.00934	0.00500	0.000162	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.094	0.010	0.000236	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121714	**OMS-28-5**	Water	12/11/2008 11:10	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	**Tetrachloroethene**	**0.00920**	**0.00500**	**0.000153**	**mg/L**
79-01-6	**Trichloroethene**	**0.014**	**0.00500**	**0.000118**	**mg/L**
156-59-2	**cis-1,2-Dichloroethene**	**0.00870**	**0.00500**	**0.000162**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121716	**DUP-2**	Water	12/11/2008 00:00	12/12/2008 09:25

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	**Trichloroethene**	**0.046**	**0.00500**	**0.000118**	**mg/L**
156-59-2	**cis-1,2-Dichloroethene**	**0.00316J**	**0.00500**	**0.000162**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121701	**MW-9**	Water	12/10/2008 12:10	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/15/2008 22:36	ADI	402720

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121701	**MW-9**	Water	12/10/2008 12:10	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/15/2008 22:36	ADI	402720

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	75 - 120
1868-53-7	Dibromofluoromethane	.05	.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	.048	mg/L	97	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121702	**OMS-28-2**	Water	12/10/2008 12:55	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/15/2008 23:01	ADI	402720

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121702	**OMS-28-2**	Water	12/10/2008 12:55	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/15/2008 23:01	ADI	402720

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.042	mg/L	85	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.048	mg/L	97	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121703	**MW-12**	Water	12/10/2008 13:35	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/16/2008 00:14	ADI	402720

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121703	**MW-12**	Water	12/10/2008 13:35	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/16/2008 00:14	ADI	402720

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.043	mg/L	85	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.05	mg/L	99	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	97	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121704	**OMS-28-4**	Water	12/10/2008 14:25	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 13:00	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121704	**OMS-28-4**	Water	12/10/2008 14:25	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 13:00	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	99	75 - 120
1868-53-7	Dibromofluoromethane	.05	.049	mg/L	98	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	104	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	92	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121705	**OMS-28-7**	Water	12/10/2008 15:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:14	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	**Naphthalene**	**0.00428J**	**0.00500**	**0.000118**	**mg/L**
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121705	**OMS-28-7**	Water	12/10/2008 15:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:14	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	101	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	92	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121706	**OMS-28-6**	Water	12/10/2008 16:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:26	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121706	**OMS-28-6**	Water	12/10/2008 16:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:26	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	100	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	94	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121707	**RINSATE**	Water	12/10/2008 16:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:50	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121707	**RINSATE**	Water	12/10/2008 16:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 15:50	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121708	DUP	Water	12/10/2008 00:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 16:39	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121708	DUP	Water	12/10/2008 00:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 16:39	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	102	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	112	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	94	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121709	**MW-8**	Water	12/11/2008 09:20	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 16:14	ADI	402862

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	**Trichloroethene**	**0.046**	**0.00500**	**0.000118**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00324J**	**0.00500**	**0.000162**	**mg/L**
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121709	**MW-8**	Water	12/11/2008 09:20	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/17/2008 16:14	ADI	402862

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	98	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	94	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121710	**MW-5**	Water	12/11/2008 09:50	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:05	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121710	**MW-5**	Water	12/11/2008 09:50	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:05	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	105	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	113	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121711	**MW-6**	Water	12/11/2008 08:40	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:29	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	**Benzene**	**0.011**	**0.00500**	**0.0000649**	**mg/L**
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	**Cyclohexane**	**0.00139J**	**0.00500**	**0.000105**	**mg/L**
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	**Isopropylbenzene (Cumene)**	**0.00406J**	**0.00500**	**0.000135**	**mg/L**
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	**Naphthalene**	**0.021**	**0.00500**	**0.000118**	**mg/L**
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	**Xylene (total)**	**0.00523J**	**0.010**	**0.000183**	**mg/L**
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121711	**MW-6**	Water	12/11/2008 08:40	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:29	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.057	mg/L	113	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L	105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.047	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121712	**OMS-28-1**	Water	12/11/2008 12:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:53	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	**Naphthalene**	**0.00451J**	**0.00500**	**0.000118**	**mg/L**
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121712	**OMS-28-1**	Water	12/11/2008 12:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 09:53	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L	103	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	99	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	92	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121713	**OMS-28-3**	Water	12/11/2008 10:35	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 10:17	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00934**	**0.00500**	**0.000162**	**mg/L**
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121713	**OMS-28-3**	Water	12/11/2008 10:35	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 10:17	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	102	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	103	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	93	70 - 120

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	12/18/2008 11:56	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	**Trichloroethene**	**0.094**	**0.010**	**0.000236**	**mg/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.1	.102	mg/L	102	75 - 120
1868-53-7	Dibromofluoromethane	.1	.103	mg/L	103	85 - 115
2037-26-5	Toluene d8	.1	.11	mg/L	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.1	.093	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121714	**OMS-28-5**	Water	12/11/2008 11:10	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 12:20	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	**Tetrachloroethene**	**0.00920**	**0.00500**	**0.000153**	**mg/L**
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	**Trichloroethene**	**0.014**	**0.00500**	**0.000118**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00870**	**0.00500**	**0.000162**	**mg/L**
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121714	**OMS-28-5**	Water	12/11/2008 11:10	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 12:20	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.054	mg/L	108	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121715	**RINSATE-2**	Water	12/11/2008 12:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 11:05	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121715	**RINSATE-2**	Water	12/11/2008 12:05	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 11:05	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.051	mg/L	102	75 - 120
1868-53-7	Dibromofluoromethane	.05	.05	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	111	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121716	**DUP-2**	Water	12/11/2008 00:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 11:30	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	**Trichloroethene**	**0.046**	**0.00500**	**0.000118**	**mg/L**
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	**cis-1,2-Dichloroethene**	**0.00316J**	**0.00500**	**0.000162**	**mg/L**
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121716	**DUP-2**	Water	12/11/2008 00:00	12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 11:30	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	101	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	101	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	93	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121717	TRIP	Water		12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 12:44	RJU	402934

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.00500	0.0000963	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.00500	0.000154	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.00500	0.0000928	mg/L
75-34-3	1,1-Dichloroethane	0.0000859U	0.00500	0.0000859	mg/L
75-35-4	1,1-Dichloroethene	0.000201U	0.00500	0.000201	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.00500	0.0000912	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.00500	0.000129	mg/L
106-93-4	1,2-Dibromoethane	0.000202U	0.00500	0.000202	mg/L
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.00500	0.0000690	mg/L
107-06-2	1,2-Dichloroethane	0.0000898U	0.00500	0.0000898	mg/L
78-87-5	1,2-Dichloropropane	0.0000960U	0.00500	0.0000960	mg/L
541-73-1	1,3-Dichlorobenzene	0.000132U	0.00500	0.000132	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.00500	0.0000572	mg/L
78-93-3	2-Butanone	0.000176U	0.00500	0.000176	mg/L
591-78-6	2-Hexanone	0.000105U	0.00500	0.000105	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.00500	0.0000781	mg/L
67-64-1	Acetone	0.000914U	0.025	0.000914	mg/L
71-43-2	Benzene	0.0000649U	0.00500	0.0000649	mg/L
75-27-4	Bromodichloromethane	0.000144U	0.00500	0.000144	mg/L
75-25-2	Bromoform	0.000172U	0.00500	0.000172	mg/L
74-83-9	Bromomethane	0.000271U	0.00500	0.000271	mg/L
75-15-0	Carbon disulfide	0.0000774U	0.00500	0.0000774	mg/L
56-23-5	Carbon tetrachloride	0.000156U	0.00500	0.000156	mg/L
108-90-7	Chlorobenzene	0.000287U	0.00500	0.000287	mg/L
75-00-3	Chloroethane	0.000181U	0.00500	0.000181	mg/L
67-66-3	Chloroform	0.000164U	0.00500	0.000164	mg/L
74-87-3	Chloromethane	0.000101U	0.00500	0.000101	mg/L
110-82-7	Cyclohexane	0.000105U	0.00500	0.000105	mg/L
124-48-1	Dibromochloromethane	0.0000975U	0.00500	0.0000975	mg/L
75-71-8	Dichlorodifluoromethane	0.0000829U	0.00500	0.0000829	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.00500	0.000116	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.00500	0.0000623	mg/L
100-41-4	Ethylbenzene	0.0000652U	0.00500	0.0000652	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.00500	0.000135	mg/L
79-20-9	Methyl Acetate	0.000994U	0.00500	0.000994	mg/L
108-87-2	Methylcyclohexane	0.0000754U	0.00500	0.0000754	mg/L
75-09-2	Methylene chloride	0.0000959U	0.010	0.0000959	mg/L
91-20-3	Naphthalene	0.000118U	0.00500	0.000118	mg/L
100-42-5	Styrene	0.0000579U	0.00500	0.0000579	mg/L
127-18-4	Tetrachloroethene	0.000153U	0.00500	0.000153	mg/L
108-88-3	Toluene	0.0000755U	0.00500	0.0000755	mg/L
79-01-6	Trichloroethene	0.000118U	0.00500	0.000118	mg/L
75-69-4	Trichlorofluoromethane	0.000138U	0.00500	0.000138	mg/L
76-13-1	Trichlorotrifluoroethane	0.000230U	0.00500	0.000230	mg/L
75-01-4	Vinyl chloride	0.000155U	0.00500	0.000155	mg/L
1330-20-7	Xylene (total)	0.000183U	0.010	0.000183	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.00500	0.000162	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.00500	0.0000769	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.00500	0.000122	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20812121717	TRIP	Water		12/12/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	12/18/2008 12:44	RJU	402934

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.05	mg/L	100	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.046	mg/L	92	70 - 120

GC/MS Volatiles Quality Control Summary

Analytical Batch 402720	**Client ID**	MB402720	LCS402720	LCSD402720
Prep Batch N/A	**GCAL ID**	677382	677383	677384
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	12/15/2008 15:43	12/15/2008 14:30	12/15/2008 14:55
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.000914U	0.000914	0.050	0.045	90	40 - 140	0.044	88	2	30
75-27-4	Bromodichloromethane	0.000144U	0.000144	0.050	0.049	97	75 - 120	0.046	92	6	30
75-25-2	Bromoform	0.000172U	0.000172	0.050	0.053	106	70 - 130	0.052	104	2	30
74-83-9	Bromomethane	0.000271U	0.000271	0.050	0.055	111	30 - 145	0.051	102	8	30
75-15-0	Carbon disulfide	0.0000774U	0.0000774	0.050	0.052	104	35 - 160	0.047	95	10	30
56-23-5	Carbon tetrachloride	0.000156U	0.000156	0.050	0.050	100	65 - 140	0.046	91	8	30
75-00-3	Chloroethane	0.000181U	0.000181	0.050	0.053	106	60 - 135	0.047	94	12	30
67-66-3	Chloroform	0.000164U	0.000164	0.050	0.051	103	65 - 135	0.048	96	6	30
74-87-3	Chloromethane	0.000101U	0.000101	0.050	0.049	98	40 - 125	0.043	86	13	30
124-48-1	Dibromochloromethane	0.0000975U	0.0000975	0.050	0.049	98	60 - 135	0.048	96	2	30
75-71-8	Dichlorodifluoromethane	0.0000829U	0.0000829	0.050	0.050	99	30 - 155	0.046	93	8	30
75-34-3	1,1-Dichloroethane	0.0000859U	0.0000859	0.050	0.049	98	70 - 135	0.045	90	9	30
107-06-2	1,2-Dichloroethane	0.0000898U	0.0000898	0.050	0.047	94	70 - 130	0.044	88	7	30
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.000162	0.050	0.049	97	70 - 125	0.045	91	9	30
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.000122	0.050	0.048	95	60 - 140	0.044	89	9	30
75-09-2	Methylene chloride	0.0000959U	0.0000959	0.050	0.049	97	55 - 140	0.045	89	9	30
78-87-5	1,2-Dichloropropane	0.0000960U	0.0000960	0.050	0.050	99	75 - 125	0.046	92	8	30
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.000116	0.050	0.053	107	70 - 130	0.050	101	6	30
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.0000623	0.050	0.054	107	55 - 140	0.051	102	6	30
100-41-4	Ethylbenzene	0.0000652U	0.0000652	0.050	0.055	110	75 - 125	0.052	104	6	30
591-78-6	2-Hexanone	0.000105U	0.000105	0.050	0.053	105	55 - 130	0.053	105	0	30
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.000135	0.050	0.050	100	75 - 125	0.047	93	6	30
78-93-3	2-Butanone	0.000176U	0.000176	0.050	0.050	99	30 - 150	0.049	98	2	30
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.0000781	0.050	0.049	99	60 - 135	0.049	98	0	30
100-42-5	Styrene	0.0000579U	0.0000579	0.050	0.050	100	65 - 135	0.048	95	4	30
127-18-4	Tetrachloroethene	0.000153U	0.000153	0.050	0.050	99	45 - 150	0.047	93	6	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.000154	0.050	0.048	97	65 - 130	0.047	94	2	30
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.0000912	0.050	0.047	95	65 - 135	0.047	95	0	30
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.0000963	0.050	0.050	99	65 - 130	0.045	90	11	30
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.0000928	0.050	0.045	90	75 - 125	0.044	89	2	30
75-69-4	Trichlorofluoromethane	0.000138U	0.000138	0.050	0.049	98	60 - 145	0.044	88	11	30
75-01-4	Vinyl chloride	0.000155U	0.000155	0.050	0.049	99	50 - 145	0.044	89	11	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.052	103	50 - 130	0.054	108	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	402720	**Client ID**	MB402720			LCS402720				LCSD402720		
Prep Batch	N/A	**GCAL ID**	677382			677383				677384		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	12/15/2008 15:43			12/15/2008 14:30				12/15/2008 14:55		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**	
106-93-4	1,2-Dibromoethane	0.000202U	0.000202	0.050	0.048	96	80 - 120	0.047	95	2	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.0000769	0.050	0.049	99	65 - 125	0.049	98	0	30	
1330-20-7	Xylene (total)	0.000183U	0.000183	0.150	0.151	101	75 - 130	0.142	95	6	30	
108-87-2	Methylcyclohexane	0.0000754U	0.0000754	0.050	0.054	108	77 - 123	0.050	100	8	30	
110-82-7	Cyclohexane	0.000105U	0.000105	0.050	0.052	105	71 - 127	0.048	95	8	30	
79-20-9	Methyl Acetate	0.000994U	0.000994	0.050	0.043	86	55 - 134	0.043	87	0	30	
76-13-1	Trichlorotrifluoroethane	0.000230U	0.000230	0.050	0.049	99	72 - 130	0.045	90	9	30	
541-73-1	1,3-Dichlorobenzene	0.000132U	0.000132	0.050	0.053	105	65 - 130	0.050	100	6	30	
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.0000572	0.050	0.048	97	65 - 130	0.045	91	6	30	
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.0000690	0.050	0.052	104	70 - 120	0.050	100	4	30	
91-20-3	Naphthalene	0.00441J	0.000118	0.050	0.045	91	55 - 140	0.047	95	4	30	
75-35-4	1,1-Dichloroethene	0.000201U	0.000201	0.050	0.048	95	70 - 130	0.043	87	11	30	
71-43-2	Benzene	0.0000649U	0.0000649	0.050	0.048	97	80 - 120	0.045	90	6	30	
79-01-6	Trichloroethene	0.000118U	0.000118	0.050	0.050	100	70 - 125	0.047	93	6	30	
108-88-3	Toluene	0.0000755U	0.0000755	0.050	0.050	99	75 - 120	0.047	93	6	30	
108-90-7	Chlorobenzene	0.000287U	0.000287	0.050	0.049	97	80 - 120	0.046	92	6	30	
Surrogate												
460-00-4	4-Bromofluorobenzene	45.5	91	50	52.5	105	75 - 120	53.3	107			
1868-53-7	Dibromofluoromethane	49.6	99	50	50.7	101	85 - 115	49.8	100			
2037-26-5	Toluene d8	51.2	102	50	48.6	97	85 - 120	49.1	98			
17060-07-0	1,2-Dichloroethane-d4	48.2	96	50	51.3	103	70 - 120	49.7	99			

Analytical Batch	402862	**Client ID**	MB402862			LCS402862				LCSD402862		
Prep Batch	N/A	**GCAL ID**	678023			678024				678025		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	12/17/2008 11:10			12/17/2008 09:57				12/17/2008 10:21		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**	
67-64-1	Acetone	0.000914U	0.000914	0.050	0.043	86	40 - 140	0.040	81	7	30	
75-27-4	Bromodichloromethane	0.000144U	0.000144	0.050	0.048	96	75 - 120	0.046	92	4	30	
75-25-2	Bromoform	0.000172U	0.000172	0.050	0.058	115	70 - 130	0.055	110	5	30	

GC/MS Volatiles Quality Control Summary

Analytical Batch 402862	**Client ID**	MB402862			LCS402862			LCSD402862			
Prep Batch N/A	**GCAL ID**	678023			678024			678025			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	12/17/2008 11:10			12/17/2008 09:57			12/17/2008 10:21			
	Matrix	Water			Water			Water			
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-83-9	Bromomethane	0.000271U	0.000271	0.050	0.046	92	30 - 145	0.045	89	2	30
75-15-0	Carbon disulfide	0.0000774U	0.0000774	0.050	0.051	102	35 - 160	0.041	82	22	30
56-23-5	Carbon tetrachloride	0.000156U	0.000156	0.050	0.051	102	65 - 140	0.043	86	17	30
75-00-3	Chloroethane	0.000181U	0.000181	0.050	0.054	108	60 - 135	0.040	80	30	30
67-66-3	Chloroform	0.000164U	0.000164	0.050	0.051	102	65 - 135	0.046	92	10	30
74-87-3	Chloromethane	0.000101U	0.000101	0.050	0.040	80	40 - 125	0.036	73	11	30
124-48-1	Dibromochloromethane	0.0000975U	0.0000975	0.050	0.053	107	60 - 135	0.051	103	4	30
75-71-8	Dichlorodifluoromethane	0.0000829U	0.0000829	0.050	0.047	94	30 - 155	0.037	75	24	30
75-34-3	1,1-Dichloroethane	0.0000859U	0.0000859	0.050	0.047	93	70 - 135	0.042	84	11	30
107-06-2	1,2-Dichloroethane	0.0000898U	0.0000898	0.050	0.045	89	70 - 130	0.043	86	5	30
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.000162	0.050	0.046	92	70 - 125	0.042	85	9	30
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.000122	0.050	0.046	92	60 - 140	0.040	81	14	30
75-09-2	Methylene chloride	0.0000959U	0.0000959	0.050	0.045	90	55 - 140	0.041	82	9	30
78-87-5	1,2-Dichloropropane	0.0000960U	0.0000960	0.050	0.047	93	75 - 125	0.045	89	4	30
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.000116	0.050	0.052	103	70 - 130	0.050	100	4	30
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.0000623	0.050	0.051	102	55 - 140	0.050	100	2	30
100-41-4	Ethylbenzene	0.0000652U	0.0000652	0.050	0.060	119	75 - 125	0.052	104	14	30
591-78-6	2-Hexanone	0.000105U	0.000105	0.050	0.047	94	55 - 130	0.048	96	2	30
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.000135	0.050	0.054	108	75 - 125	0.046	92	16	30
78-93-3	2-Butanone	0.000176U	0.000176	0.050	0.044	89	30 - 150	0.042	85	5	30
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.0000781	0.050	0.043	86	60 - 135	0.042	84	2	30
100-42-5	Styrene	0.0000579U	0.0000579	0.050	0.053	106	65 - 135	0.049	98	8	30
127-18-4	Tetrachloroethene	0.000153U	0.000153	0.050	0.056	112	45 - 150	0.048	97	15	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.000154	0.050	0.045	89	65 - 130	0.045	90	0	30
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.0000912	0.050	0.048	96	65 - 135	0.046	93	4	30
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.0000963	0.050	0.049	97	65 - 130	0.043	85	13	30
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.0000928	0.050	0.048	96	75 - 125	0.046	93	4	30
75-69-4	Trichlorofluoromethane	0.000138U	0.000138	0.050	0.050	100	60 - 145	0.040	79	22	30
75-01-4	Vinyl chloride	0.000155U	0.000155	0.050	0.046	91	50 - 145	0.037	74	22	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.048	95	50 - 130	0.051	101	6	30
106-93-4	1,2-Dibromoethane	0.000202U	0.000202	0.050	0.050	101	80 - 120	0.050	100	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.0000769	0.050	0.045	90	65 - 125	0.046	91	2	30
1330-20-7	Xylene (total)	0.000183U	0.000183	0.150	0.161	107	75 - 130	0.143	95	12	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	402862	**Client ID**	MB402862			LCS402862				LCSD402862		
Prep Batch	N/A	**GCAL ID**	678023			678024				678025		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	12/17/2008 11:10			12/17/2008 09:57				12/17/2008 10:21		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
108-87-2	Methylcyclohexane	0.0000754U	0.0000754	0.050	0.057	114	77 - 123	0.046	91	21	30
110-82-7	Cyclohexane	0.000105U	0.000105	0.050	0.050	101	71 - 127	0.042	83	17	30
79-20-9	Methyl Acetate	0.000994U	0.000994	0.050	0.044	88	55 - 134	0.039	78	12	30
76-13-1	Trichlorotrifluoroethane	0.000230U	0.000230	0.050	0.052	103	72 - 130	0.042	83	21	30
541-73-1	1,3-Dichlorobenzene	0.000132U	0.000132	0.050	0.054	108	65 - 130	0.050	101	8	30
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.0000572	0.050	0.049	98	65 - 130	0.046	92	6	30
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.0000690	0.050	0.052	104	70 - 120	0.050	100	4	30
91-20-3	Naphthalene	0.000118U	0.000118	0.050	0.041	81	55 - 140	0.044	87	7	30
75-35-4	1,1-Dichloroethene	0.000201U	0.000201	0.050	0.048	96	70 - 130	0.040	79	18	30
71-43-2	Benzene	0.0000649U	0.0000649	0.050	0.047	93	80 - 120	0.042	85	11	30
79-01-6	Trichloroethene	0.000118U	0.000118	0.050	0.051	103	70 - 125	0.045	91	13	30
108-88-3	Toluene	0.0000755U	0.0000755	0.050	0.052	105	75 - 120	0.047	94	10	30
108-90-7	Chlorobenzene	0.000287U	0.000287	0.050	0.052	104	80 - 120	0.048	96	8	30
Surrogate											
460-00-4	4-Bromofluorobenzene	48	96	50	57.9	116	75 - 120	56.8	114		
1868-53-7	Dibromofluoromethane	49.6	99	50	51.1	102	85 - 115	50.3	101		
2037-26-5	Toluene d8	51.5	103	50	51.5	103	85 - 120	51.1	102		
17060-07-0	1,2-Dichloroethane-d4	46	92	50	48.9	98	70 - 120	47.4	95		

Analytical Batch	402934	**Client ID**	MB402934			LCS402934				LCSD402934		
Prep Batch	N/A	**GCAL ID**	678415			678416				678417		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	12/18/2008 08:36			12/18/2008 07:24				12/18/2008 07:48		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.000914U	0.000914	0.050	0.042	84	40 - 140	0.047	94	11	30
75-27-4	Bromodichloromethane	0.000144U	0.000144	0.050	0.047	95	75 - 120	0.047	93	0	30
75-25-2	Bromoform	0.000172U	0.000172	0.050	0.056	112	70 - 130	0.059	118	5	30
74-83-9	Bromomethane	0.000271U	0.000271	0.050	0.052	104	30 - 145	0.044	89	17	30
75-15-0	Carbon disulfide	0.0000774U	0.0000774	0.050	0.050	100	35 - 160	0.042	85	17	30
56-23-5	Carbon tetrachloride	0.000156U	0.000156	0.050	0.051	103	65 - 140	0.046	92	10	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 402934	**Client ID**	MB402934	LCS402934	LCSD402934
Prep Batch N/A	**GCAL ID**	678415	678416	678417
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	12/18/2008 08:36	12/18/2008 07:24	12/18/2008 07:48
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	mg/L	**Spike**			**Control**				**RPD**
		Result	**RDL**	**Added**	**Result**	**% R**	**Limits % R**	**Result**	**% R**	**RPD**	**Limit**
75-00-3	Chloroethane	0.000181U	0.000181	0.050	0.049	98	60 - 135	0.036	73	31*	30
67-66-3	Chloroform	0.000164U	0.000164	0.050	0.050	99	65 - 135	0.048	95	4	30
74-87-3	Chloromethane	0.000101U	0.000101	0.050	0.041	81	40 - 125	0.035	71	16	30
124-48-1	Dibromochloromethane	0.0000975U	0.0000975	0.050	0.052	105	60 - 135	0.053	105	2	30
75-71-8	Dichlorodifluoromethane	0.0000829U	0.0000829	0.050	0.045	90	30 - 155	0.038	77	17	30
75-34-3	1,1-Dichloroethane	0.0000859U	0.0000859	0.050	0.045	90	70 - 135	0.042	85	7	30
107-06-2	1,2-Dichloroethane	0.0000898U	0.0000898	0.050	0.043	85	70 - 130	0.042	85	2	30
156-59-2	cis-1,2-Dichloroethene	0.000162U	0.000162	0.050	0.044	88	70 - 125	0.042	85	5	30
156-60-5	trans-1,2-Dichloroethene	0.000122U	0.000122	0.050	0.045	90	60 - 140	0.041	82	9	30
75-09-2	Methylene chloride	0.0000959U	0.0000959	0.050	0.043	85	55 - 140	0.040	79	7	30
78-87-5	1,2-Dichloropropane	0.0000960U	0.0000960	0.050	0.045	90	75 - 125	0.044	89	2	30
10061-01-5	cis-1,3-Dichloropropene	0.000116U	0.000116	0.050	0.050	101	70 - 130	0.050	100	0	30
10061-02-6	trans-1,3-Dichloropropene	0.0000623U	0.0000623	0.050	0.050	100	55 - 140	0.052	104	4	30
100-41-4	Ethylbenzene	0.0000652U	0.0000652	0.050	0.059	117	75 - 125	0.055	110	7	30
591-78-6	2-Hexanone	0.000105U	0.000105	0.050	0.043	86	55 - 130	0.053	105	21	30
98-82-8	Isopropylbenzene (Cumene)	0.000135U	0.000135	0.050	0.053	106	75 - 125	0.048	97	10	30
78-93-3	2-Butanone	0.000176U	0.000176	0.050	0.043	85	30 - 150	0.048	96	11	30
108-10-1	4-Methyl-2-pentanone	0.0000781U	0.0000781	0.050	0.040	81	60 - 135	0.046	92	14	30
100-42-5	Styrene	0.0000579U	0.0000579	0.050	0.052	103	65 - 135	0.050	100	4	30
127-18-4	Tetrachloroethene	0.000153U	0.000153	0.050	0.055	111	45 - 150	0.052	103	6	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000154U	0.000154	0.050	0.043	85	65 - 130	0.046	93	7	30
120-82-1	1,2,4-Trichlorobenzene	0.0000912U	0.0000912	0.050	0.047	93	65 - 135	0.050	99	6	30
71-55-6	1,1,1-Trichloroethane	0.0000963U	0.0000963	0.050	0.049	98	65 - 130	0.045	90	9	30
79-00-5	1,1,2-Trichloroethane	0.0000928U	0.0000928	0.050	0.046	93	75 - 125	0.047	94	2	30
75-69-4	Trichlorofluoromethane	0.000138U	0.000138	0.050	0.049	99	60 - 145	0.041	81	18	30
75-01-4	Vinyl chloride	0.000155U	0.000155	0.050	0.044	88	50 - 145	0.038	75	15	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000129U	0.000129	0.050	0.047	94	50 - 130	0.056	112	17	30
106-93-4	1,2-Dibromoethane	0.000202U	0.000202	0.050	0.048	95	80 - 120	0.052	105	8	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000769U	0.0000769	0.050	0.043	87	65 - 125	0.047	93	9	30
1330-20-7	Xylene (total)	0.000183U	0.000183	0.150	0.158	105	75 - 130	0.149	99	6	30
108-87-2	Methylcyclohexane	0.0000754U	0.0000754	0.050	0.056	112	77 - 123	0.049	98	13	30
110-82-7	Cyclohexane	0.000105U	0.000105	0.050	0.049	98	71 - 127	0.044	87	11	30
79-20-9	Methyl Acetate	0.000994U	0.000994	0.050	0.041	81	55 - 134	0.039	78	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	402934	**Client ID**	MB402934			LCS402934				LCSD402934		
Prep Batch	N/A	**GCAL ID**	678415			678416				678417		
		Sample Type	Method Blank			LCS				LCSD		
		Analytical Date	12/18/2008 08:36			12/18/2008 07:24				12/18/2008 07:48		
		Matrix	Water			Water				Water		
SW-846 8260B		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
76-13-1	Trichlorotrifluoroethane	0.000230U	0.000230	0.050	0.052	103	72 - 130	0.044	87	17	30
541-73-1	1,3-Dichlorobenzene	0.000132U	0.000132	0.050	0.053	105	65 - 130	0.051	103	4	30
106-46-7	1,4-Dichlorobenzene	0.0000572U	0.0000572	0.050	0.048	96	65 - 130	0.047	93	2	30
95-50-1	1,2-Dichlorobenzene	0.0000690U	0.0000690	0.050	0.051	103	70 - 120	0.051	102	0	30
91-20-3	Naphthalene	0.000118U	0.000118	0.050	0.040	81	55 - 140	0.048	95	18	30
75-35-4	1,1-Dichloroethene	0.000201U	0.000201	0.050	0.047	94	70 - 130	0.041	83	14	30
71-43-2	Benzene	0.0000649U	0.0000649	0.050	0.045	90	80 - 120	0.043	86	5	30
79-01-6	Trichloroethene	0.000118U	0.000118	0.050	0.051	102	70 - 125	0.048	96	6	30
108-88-3	Toluene	0.0000755U	0.0000755	0.050	0.050	100	75 - 120	0.048	96	4	30
108-90-7	Chlorobenzene	0.000287U	0.000287	0.050	0.051	101	80 - 120	0.048	97	6	30
Surrogate											
460-00-4	4-Bromofluorobenzene	49.7	99	50	58.7	117	75 - 120	57.8	116		
1868-53-7	Dibromofluoromethane	50	100	50	52	104	85 - 115	50.2	100		
2037-26-5	Toluene d8	53.2	106	50	50.8	102	85 - 120	50.7	101		
17060-07-0	1,2-Dichloroethane-d4	45.9	92	50	49.1	98	70 - 120	47.6	95		

CASE NARRATIVE

Client: Aerostar **Report:** 208121217

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.

This report was resubmitted on 01/07/09. The SW-846 8260B data for samples 20812121708 (DUP) and 20812121709 (MW-8) has been revised. The sample containers were switched on the autosampler and therefore the data in the original report was incorrect for these samples. All affected pages have been revised.

Additional Flags:

Q- LCS/LCSD recovery and/or RPD was outside control limits/CCV did not meet acceptance criteria.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, sample 20812121713 (OMS-28-3) had to be diluted to bracket the concentration of a target compound within the calibration range of the instrument.

In the SW-846 8260B analysis for analytical batch 402934, the LCS/LCSD RPD was above the control limit for Chloroethane.

In the SW-846 8260B analysis for analytical batch 402720, Naphthalene was detected at an estimated concentration greater than ½ the RL. This is a common lab contaminant and is acceptable at < RL. This compound was not detected in the associated samples.

Laboratory Endorsement

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

Common Abbreviations Utilized in this Report

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

Reporting Flags Utilized in this Report

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

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

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

I certify that this data package is in compliance with the 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.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 208121217

THIS REPORT CONTAINS _____ PAGES.

Labnet/4569/20081217/12-19-8

Chain of Custody Record

Lab Report No.:

Company: AEROSTAR

Address: 803 GOVT. ST., STE. A
MOBILE, AL 36602

Gulf Coast LabNet, Inc.
An Environmental Lab Services Co.
Phone: (251) 625-1331
Fax: (251) 625-1299

Modified from DEP Form #: 62-770.900(2) | Page 1 of 2

FDEP Facility No.:

Project Name: BROOKLEY FIELD OMS-28

Location: MOBILE, AL

Project No.:

Attn: MARSHALL ESCHETE Phone: Fax:

Sampled by [Print Name]/Affiliation Sampler Signature

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.	TCL 8260 H	←Preservative / ←Analysis	Remarks	Lab. No.
	MW-9	12-10-08	12:10	G	GW	3	✓		REPORT IN ppm	1
	OMS-28-2		12:55	G		3	✓			2
	MW-12		13:35	G		3	✓			3
	OMS-28-4		14:25	G		3	✓			4
	OMS-28-7		15:05	G		3	✓			5
	OMS-28-6		16:00	G		3	✓			6
	RINSATE	12-10-08	1605			3	✓			7
	DUP	12-10-08				3	✓			8

REQUESTED DUE DATE

24 ←Total Number of Containers

Shipment Method

Out: / / Via:

Returned: / / Via:

Additional Comments USACE Brookley Data Package

Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
	Marshall Eschete AES	12-11-08	12:50	GCL	12-11-08	1250
	GCL	12-11-08	1800	FedEx GCAC	12-11-08	1800
	FedEx GCAC	12-12-8	925	GCAC	12-12-8	925

Cooler No.(s) / Temperature(s) (°C): 2.1

Sampling Kit No.: 8131

Equipment ID No.:

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

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

Labnet/14569/ 20612121/7/12.19-8

Chain of Custody Record

Lab Report No.:

Company: AEROSTAR

Address:

Gulf Coast LabNet, Inc.
An Environmental Lab Services Co.
Phone: (251) 625-1331
Fax: (251) 625-1299

Modified from DEP Form #: 62-770.900(2) | Page 2 of 2

FDEP Facility No.:

Project Name: BROOKLEY FIELD OMS-28

Location: MOBILE, AL

Project No.:

Attn: MARSHALL ESCHETE Phone: Fax:

Sampled by [Print Name]/Affiliation Sampler Signature

TCL 8260 H

←Preservative

←Analysis

REQUESTED DUE DATE

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.	Remarks	Lab. No.
	MW-8	12-11-08	9:20	G	GW	3	REPORT IN ppm	9
	MW-5		9:50			3		10
	MW-6		08:40			3		11
	OMS-28-1		12:00			3		12
	OMS-28-3		10:35			3		13
	OMS-28-5		11:10			3		14
	RINSATE-2	12-11-08	1205			3		15
	DUP-2	12-11-08				3		16
	TRIP					3		17

Shipment Method | 27 ←Total Number of Containers

Out: / / Via:

Returned: / / Via:

Additional Comments

Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
	Marshall Eschete/AES	12-11-08	12:50	[signature]/GCL	12-11-08	1250
	[signature]/GCL	12-11-08	1800	FedEx G.M.	12-11-08	1800
	FedEx G.M.	12-12-8	925	[signature] GCL	12-12-8	925

Cooler No.(s) / Temperature(s) (°C): 2.1

Sampling Kit No.: 8131

Equipment ID No.:

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

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