SUPPLEMENTAL COMPREHENSIVE INVESTIGATION 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

NOVEMBER 2008

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

ALDOT Alabama Department of Transportation
ARBCA Alabama Risk Based Corrective Action

AFB Air Force Base

bgs Below Ground Surface
CSI Container Services, Inc.
DO Dissolved Oxygen
DoD Department of Defense

DOT Department of Transportation

DTW Depth to Water

EPA United States Environmental Protection Agency

EPA RSL EPA Regional Screening Level for Chemical Contaminants at Superfund

Sites

FID Flame Ionization Detector

FAA Federal Aviation Administration

FSP Field Sampling Plan ft³/s Cubic Feet Per Second HDPE High-Density Polyethylene IDW Investigation Derived Waste

IDWMP Investigation Derived Waste Management Plan

in/yr Inches per Year ISL Initial Screening Limit

LAWLER Lawler and Company Land and Industrial Surveyors, Inc.

LNAPL Liquid Non-Aqueous Phase Liquid

MAA Mobile Airport Authority

MCL Maximum Contamination Level

mg/L milligrams per liter
mg/Kg milligrams per kilogram
Mgal/d Million Gallons per Day
NAD North American Datum
NCP National Contingency Plan

NGVD National Geodetic Vertical Datum OMS Organizational Maintenance Shop

OVA-FID Organic Vapor Analyzer equipped with a Flame Ionization Detector

PI Preliminary Investigation PLS Professional Land Surveyor

PVC Polyvinyl chloride

PSV Preliminary Screening Value QAPP Quality Assurance Project Plan

ROW Right of Way

SI Secondary Investigation SSHP Site Safety and Health Plan SSTL Site Specific Target Level

LIST OF ACRONYMS (CONTINUED)

TCE Trichloroethene, AKA Trichloroethylene

TCL Target Compound List

TCLP Toxic Characteristic Leachate Procedure

TOC Top-of-casing

 $\begin{array}{ll} \mu g/kg & \text{Micrograms per Kilogram} \\ \mu g/L & \text{Micrograms per Liter} \end{array}$

USA University of South Alabama

USACE United States Army Corps of Engineers

USAF United States Air Force
UST Underground Storage Tank
VOA Volatile Organic Analysis
VOC Volatile Organic Compound

WP Work Plan

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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 Soil and Groundwater Investigation 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 1-1**).

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 official name for the site is OMS-28 and all previous investigations at the site (including the 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 objectives of the Soil and Groundwater Investigation were to:

- Gain additional information about the site:
- Gain additional information about soil and groundwater contamination at the site and further delineate the soil and groundwater contamination;
- Collect data needed to complete an Alabama Risk Based Corrective Evaluation (ARBCA) of the site;

The collection of information at the OMS-28 site consisted of obtaining a right of way (ROW) drill permit from the Alabama Department of Transportation (ALDOT), preparation of a WP, Site Safety and Health Plan (SSHP), Field Sampling Plan (FSP), Quality Assurance Project Plan (QAPP), and an Investigation Derived Waste Management Plan (IDWMP). Following plan approval, the field investigation was initiated to include the advancement of four (4) sonic rotary drilling techniques shallow type II monitoring wells and three type III deep monitoring wells for the collection of soil and groundwater samples for laboratory analysis.

The results of the field data collection are provided in later sections of this report. To aid the reader, a background summary is also provided in Section 2.0 of this report.

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2.0 PROJECT DESCRIPTION

2.1 Site Description

OMS 28 is located in Mobile County, near downtown Mobile at 1622 South Broad Street, between Interstate 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 1-1**, **Site Location Map**, and **Figure 1-2**, **Project Site Map**. The OMS-28 site is surrounded 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 as depicted in **Figures 1-1 and 1-2**. 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 Alabama Army National Guard (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 included 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.

Surface flow from stormwater runoff across the site varies due surface grade, vegetation, and porous surface medium.

2.2 Site Background and History

2.2.1 TCE Comprehensive Site Investigation at OMS 28, April 2007

A single 2,000 gallon gas/diesel underground storage tank (UST) at pit 2 was removed in October 1992. Following the removal of the UST, a Preliminary Investigation (PI) was performed by the USACE for pit 2 in October 1993 and the report submitted to the Alabama Department of Environmental Management (ADEM). The PI did not fully determine the extent of soil or groundwater contamination. A secondary investigation (SI) of pit 2 was completed in December 1994, establishing the extent of soil and groundwater contamination at the site. The 1994 SI was followed by quarterly groundwater monitoring beginning in 1995. Additionally, a SI Addendum, performed by Bechtel-S, was completed in August of 2005.

During sampling for the SI Addendum, the reporting limits for MW-8 were higher than the other groundwater samples due to the dilution (by the laboratory) of this sample by a factor of 20. Dilution was required due to the interference by trichloroethene (TCE) in the sample. The TCE was not related to the gasoline/diesel fuel tank being investigated and was believed to be the

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result of a localized solvent spill. No other groundwater samples collected during that event required dilution by the laboratory.

In March 2005, all of the wells onsite were sampled and analyzed for a full volatile organic compound (VOC) scan. With the exception of monitor well MW-8, TCE was not detected in the groundwater samples collected from the other onsite monitor wells. TCE was detected in the groundwater samples collected from monitor well MW-8 and the duplicate (MW-8) at concentrations of 480 micrograms per liter (μ g/L) and 430 μ g/L, respectively; which was above the Maximum Contamination Level (MCL) of 5 μ g/L. Cis-1,2-dichloroethene, was the only other volatile detected in the groundwater samples collected from monitor well MW-8 and the duplicate (MW-8) at concentrations of 11 μ g/L and 10 μ g/L, respectively; which was below its MCL of 70 μ g/L. No other contaminants exceeded ADEM initial screening limits (ISLs) in the groundwater samples submitted for analysis.

Bechtel-S submitted the SI Addendum and an ARBCA assessment in August 2005. The Site Specific Target Levels (SSTL) developed in the ARBCA were approved in November 2006.

In 2005, the AANG installed five temporary wells, TW-1 through TW-5, at the site to further delineate the TCE plume based on sample results from MW-8. The wells were installed by hand with hand cut screen and a filter pack of sand. TCE was detected in the groundwater sample collected from one temporary well (TW-4) at an approximate concentration of 1.9 μ g/L, which was below the MCL of 5 μ g/L. None of the remaining wells sampled showed detectable concentrations of TCE.

On February 21, 2006, confirmatory groundwater samples were collected from temporary monitoring wells TW-1, TW-3, TW-4, TW-5, PZ-1, and PZ-2 and submitted for laboratory analysis of TCE. TCE was detected in one groundwater sample collected from TW-4 at 1.86 µg/L, while the other groundwater samples were non-detect. Based on the results of the confirmatory sampling of groundwater, ten hand auger soil borings and eight direct push borings to collect groundwater were installed in April 2006. In May of 2006, three additional hand auger borings were installed to collect soil samples and three additional direct push borings were installed to collect groundwater samples. Ten soil samples out of 23 exhibited TCE levels ranging from 0.00311J to 0.586J, milligrams per kilogram (mg/Kg), where "J" represents an estimated value. Three of the samples exceeded either a residential or commercial Preliminary Screening Value (PSV). Five out of 11 groundwater samples detected the presence of TCE ranging from 6.74 to 145 milligrams per liter (mg/L), all of which exceeded a PSV.

Based upon the February and May 2006 soil and groundwater analytical results, three additional soil borings (HA-11 through HA-13) were advanced further south, east, and north of the original ten borings for further delineation of the soil and groundwater.

Three additional temporary wells, B-9/TW-14, B-10/TW-15, and B-11/TW-16, were advanced to the southwest of B-8, downgradient of B-8, and northeast of B-2, respectively, to further delineate TCE. Three additional groundwater samples were collected from B-9/TW-14, B-10/TW-15, and B-11/TW-16.

Additionally, a LNAPL FluteTM liner was inserted in boring B-12 in order to determine if TCE was accumulating in the subsurface. The flute liner was placed in the area of elevated

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groundwater concentrations (TW-13). The flute liner remained in place, approximately one and a half hours before it was removed at each boring and checked for color change. A color change would have indicated the presence of product but there was no color change evident.

Based on the results of the February and May, 2006 sampling activities, four monitoring wells (MW-9 through MW-12) were installed on October 22, 2006 using hollow stem auger drilling techniques. Groundwater samples were collected from monitoring wells MW-6 and MW-8 through MW-12 in October and November of 2006. The results of groundwater samples collected from these wells identified the presence of TCE in three of the wells, MW-8 (83 μ g/L), MW-10 (11 μ g/L), and MW-11 (63 μ g/L). Each exceeded a tap water PSV. A TCE Comprehensive Investigation report detailing the findings of the February through November 2007 activities was submitted to the USACE in April of 2007.

2.2.2 ADEM review of TCE investigation

Upon review of the TCE Comprehensive Investigation Report, ADEM issued a letter to the AANG dated June 28, 2007, requiring additional investigation at the site. In addition, ADEM required, in a letter dated August 17, 2007, that temporary wells TW-1 through TW-5 be properly abandoned as they were improperly installed. Copies of the ADEM letters are contained in **Appendix A**.

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3.0 PHYSICAL CHARACTERISTICS OF OMS-28 COMPREHENSIVE INVESTIGATION AREA

3.1 Physiography and Topography

The Brookley Complex is located within Mobile County. Much of the land in Mobile County is used for industrial and agricultural purposes. Large areas along the Mobile and Tensaw Rivers and along the coast are characterized by low-lying, swampy terrain and brackish water. The Brookley Complex is included in this area.

The Brookley Complex lies entirely within the East Gulf Coastal Plain physiographic section, Alluvial-Deltaic Plain District and Coastal Lowlands District.

The Alluvial-Deltaic Plain District, which consists of alluvial and terrace deposits from the rivers, are areas with very little relief, and the surface topography ranges in altitude from 100 feet to sea level.

Coastal Lowlands District areas are characterized by flat to gently undulating, locally swampy plains underlain by terrigenous deposits of Holocene and late Pleistocene age. They include the mainland plain indented by many tidal streams and fringed by tidal marshes and barrier islands. The landward edge of the district is defined by the base of the Pamlico marine scarp at 25 to 30 feet of elevation. The barrier islands and tidal marshes in the area are undergoing continual modification by erosion and deposition.

3.2 Regional Geology

Geologic units that occur within the study area range from Tertiary to Quaternary age. Alluvial and terrace deposits of Quaternary Age overlie Tertiary age deposits adjacent to the flood plains of the larger streams and river, and along the coastal areas, such as Mobile Bay.

Geologic units of Tertiary Age that are sources of potable groundwater are the Miocene Series Undifferentiated and the Citronelle Formation. The Miocene Series outcrops in central and northern Mobile and Baldwin Counties. The Miocene Series consists of sedimentary deposits of marine and estuarine origin. The sediments consist mainly of laminated to thinly-bedded clays, sands, and sandy clays. The sands range from fine- to coarse-grained and are locally cross bedded. In outcrops, the sands weather to a variety of colors, some distinctly mottled. At some exposures, beds of sand contain gravel and petrified plant fossils, and clays contain carbonized leaf remains.

The Citronelle Formation of Pliocene age overlies the Miocene Series and crops out in central and southern parts of the study area. The formation, which is relatively thin in northern parts of the study area, is about 200 feet thick in the subsurface in the southern part of the study area. The sediments consist of gravelly sands and sandy clays. In many areas, lenses of sandy clay and clayey sand, which range in thickness from 5 to 15 feet, are interbedded with gravelly sand. Sediments along the base of the Citronelle Formation have a high clay content, indicating that they were deposited in an estuarine environment, whereas, overlying sediments were deposited by sediment-laden streams.

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Pleistocene and Holocene Series of Quaternary age deposits overlie Miocene and Pliocene sediments. Alluvial, low terrace and coastal deposits represent complex beach, dune, lagoonal, estuarine, and deltaic depositional environments. The deposits consist of very fine- to coarse-grained sand that is gravelly in many exposures. Sandy clay is interbedded with the sand at some exposures. The thickness of the alluvial, low terrace and coastal deposits are estimated to range from 0 to 200 feet, based on the first occurrence of coarse siliclastic sediments.

The Quaternary sand and gravel beds represent buried channel deposits. Their width and depth are similar to that of the present river bed sediments. The length of individual sand and gravel beds probably ranges from a few hundred to a few thousand feet. These buried channel deposits are surrounded by silt and clay sediments similar to those being deposited on the present flood plain of the river.

3.3 Regional Hydrogeology

The Pliocene-Miocene and the alluvial-coastal aquifer are the major aquifers in the study area. Although the aquifers are lithologically different, they are hydraulically connected and generally respond to stresses as a single aquifer.

Groundwater in the Pliocene-Miocene aquifer occurs in beds of sand and gravel which are lenticular in shape and of limited lateral extent. The sand and gravel beds in the Citronelle Formation and those at shallow depths in the Miocene Series Undifferentiated are hydraulically connected to land surface; therefore, the aquifer is unconfined. At depth clayey sediments in the Miocene Series are semi-confining, which reduces vertical infiltration of water. Thus, the aquifer in deeper portions of the Miocene Series responds to short-term pumpage as a confined aquifer. Wells properly constructed in the Pliocene-Miocene aquifer yield from 0.5 to 2.0 million gallons per day (Mgal/d).

The alluvial-coastal aquifer is hydraulically connected to the Pliocene-Miocene aquifer. Properly constructed wells in the alluvial-coastal aquifer have the potential to yield from 0.5 to 1.0 Mgal/d. Most high-yield wells are completed in beds of sand and gravel that originate from coastal deposits and buried river sediments. The buried channels are surrounded by silty and clayey sediments that do not yield significant amounts of water, but do allow slow infiltration of water to the sand and gravel beds. Individual buried channels may be directly connected to the present channels of the Mobile River.

The source of recharge to the aquifers is rainfall, which averages 62 inches per year (in/yr) in the study area. About 28 in/yr of rainfall runs off during and immediately after storms; a small amount of rainfall infiltrates the subsurface as recharge to the aquifers; and the remainder is returned to the atmosphere by evaporation and transpiration of trees and other plants.

Most recharge to the major aquifers in Mobile County occurs within the boundaries of the study area, and a small amount is contributed from Miocene outcrop areas to the north.

Groundwater discharges are primarily to streams, water bodies, and wells. Some of the larger groundwater pumping centers in the study area are the cities of Grand Bay, Fairview, Dauphin

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Island, Theodore, Kushla, LeMoyne, Citronelle, Mt. Vernon, Bayou La Batre, Saraland, and St. Elmo in Mobile County.

In addition to public water supply, substantial quantities of groundwater are used for irrigation. Mobile County has several chemical and paper factories and other industries that use large quantities of groundwater.

Large withdrawals of water from an aquifer often cause a depression in the potentiometric surface of the aquifer. The extent of the depression depends on the amount of water withdrawn and the water-bearing characteristics of the sediments. A large depression exists around the Prichard-Mobile area in Mobile County. Most of the groundwater withdrawals in this area are for industrial purposes. Other smaller depressions occur in the vicinity of some industries along the Mobile River in northern Mobile County. The effects of the depressions are localized because of their proximity to the Mobile River, which is hydraulically connected to the aquifers in the area. The Mobile River has an average annual discharge of about 70,000 cubic feet per second (ft³/s), which is more than adequate to recharge the aquifers as withdrawals occur. However, in tidal reaches of the Mobile River, the recharge could introduce saltwater into the aquifer.

Recharge areas for the major aquifers, which include the entire study area, are susceptible to surface contamination. The topography in the study area is flat to low rolling hills. This type of terrain minimizes surface runoff, allowing more time for water to infiltrate into the soil.

Areas that are highly susceptible to contamination from the surface are relatively flat terrain with very permeable soils. Many of these areas are used for intensive row-crop farming where pesticides are used extensively. Along the Mobile River in the northern part of Mobile County, chemical industries are potential sources of contamination to the groundwater. The regions of the study area that are not considered to be highly susceptible to surface contamination are where topographic relief is greater; this promotes increase surface runoff and dispersion and dilution of surface contaminants.

Regions underlain by the alluvial and coastal sediments generally are areas of groundwater discharge; this decreases the likelihood of a contaminant migrating into the deep groundwater system.

3.4 Site Geology/Hydrogeology

Information about the site geology was collected from data gathered at the location when exploratory boring and monitoring wells OMS-28-2 through OMS-28-7 were installed on March 24, 26, 27, and 28 and monitoring well OMS-28-1 was installed on June 6, 2008. Site hydrogeology information was collected during groundwater sampling conducted on July 1 and July 8, 2008. A review of the boring logs of the installation of the exploratory boring and OMS-28-1 through OMS-28-7 revealed that with some exceptions, a dark red to brown and gray silty clay loam was encountered from just below ground surface to a depth of 5 to 10 feet below ground surface (bgs). Brown to gray sands, silty sands, and clayey sands were generally encountered beginning at 5 to 10 feet bgs. These sands, silty sands, and clayey sands usually continued until gray stiff clay was encountered at depths of 16 to 35 feet bgs. In deeper borings

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the gray stiff clay continued to a depth of 70 to 84 feet bgs. A gray coarse grained sand was located beneath the stiff clay in the deep borings and continued to boring termination at depths in the deep borings that varied from 76 to 80 feet bgs. The exploratory boring was continued to a depth of 120 feet bgs. In this boring the coarse grained sand ended at 90 feet bgs where light gray sandy clay, clayey sand, and silty clayey extended to a depth of 104 feet bgs where light gray clay and silty clay was encountered from 104 feet bgs to boring termination at 120 feet bgs. Soil boring and well construction diagrams showing the soil lithology and well construction details are presented in **Appendix B**.

Depths to water in the monitoring wells were measured during the July 1, 2008 and July 8, 2008, groundwater sampling events and again on August 25, 2008. The August 25, 2008 recording event provided the most complete groundwater data. The water table at the time of the site inspection on August 25, 2008, varied from a depth of 3.35 feet to 8.79 feet below top of casing to in shallow monitoring wells MW-5, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7. Depth to water in deep monitoring wells OMS-28-1, OMS-4, and OMS-6 varied from 22.45 feet to 28.89 feet below top of casing. A flow direction to the north for the August 28, 2008 recording event was estimated using shallow monitoring wells MW-5, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7.

4.0 METHODOLOGY

4.1 Field Activities Summary

Prior to the commencement of field activities, the ALDOT was contacted to obtain a permit to drill in the ALDOT ROW in order to install monitoring well OMS-28-1. Obtaining the ALDOT ROW permit was a lengthy process that delayed the start of the OMS-28 Supplemental Comprehensive Investigation field activities. The field activities of this Supplemental Comprehensive Investigation began with the abandonment of temporary monitoring wells TW-1 through TW-5, permanent monitoring wells MW-10 and MW-11, and piezometers PZ-1 and PZ-2. Following the abandonment, one exploratory boring was installed to assess the subsurface conditions prior to installation of the soil borings and monitoring wells. Subsequent to the installation of the exploratory boring, four shallow type II groundwater monitoring wells (OMS-8-2, OMS-8-3, OMS-8-5, and OMS-8-7) and three type III double cased deep groundwater monitoring wells (OMS-8-1, OMS-8-4, and OMS-8-6) were installed using sonic rotary drilling techniques. During the soil boring field activities, a continuous core of the subsurface from each boring was collected for visual identification of the soil types encountered. Additionally, a soil sample was collected from each boring at 5 foot intervals for headspace screening with an Organic Vapor Analyzer equipped with a Flame Ionization Detector (OVA-FID). Three soil samples from each shallow well - one surficial sample, one with the highest OVA reading, and one collected above the soil/groundwater interface, were selected for laboratory analysis of Target Compound List (TCL) Volatile Compounds by EPA Method 8260. Four soil samples from each deep well - one surficial sample, one with the highest OVA reading above the water table, one with the highest OVA reading below the water table, and the soil sample collected from just above the soil/groundwater interface, were selected for laboratory analysis of the TCL Volatile Compounds by EPA Method 8260. Figure 2, Sample Location Map illustrates sample locations. Table 1, Field Investigation Sampling Summary, identifies the samples collected during this Comprehensive Secondary Investigation.

4.2 Well Abandonment

In a letter dated August 17, 2007, ADEM required that temporary wells TW-1 through TW-5 be properly abandoned as they were improperly installed. In preparation for the field effort for this Supplemental Comprehensive Investigation, the USACE attempted to obtain the rights to enter the private property where permanent monitoring wells MW-10 and MW-11 were located. However, the homeowner would not allow USACE to enter the property to sample the wells and demanded that the wells be removed from the property. Because of this, permanent monitoring wells MW-10 and MW-11 were scheduled for abandonment.

Temporary monitoring wells TW-1 through TW-5 and MW-10 and MW-11 were abandoned prior to soil boring activities. Abandonment procedures included pulling the well screen and well casing from the subsurface and grouting each well annulus with a neat grout mixture of 95% portland cement and 5% bentonite clay from the bottom of the annulus to approximately one foot bgs with a tremie pipe clay to insure that vertical migration of surface water into the surficial aquifer does not occur. The area surrounding each monitoring well and piezometer was covered with soil, returned to its original grade, and all well materials were removed from the site and disposed of. A Well Abandonment Report detailing the well abandonment activities was

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prepared and submitted to ADEM on May 19, 2008. In a letter dated July 10, 2008, ADEM determined that the wells were properly abandoned. Copies of the ADEM letters are provided in **Appendix A**.

4.3 Soil Borings & Soil Sampling

An exploratory boring and permanent monitoring wells OMS 28-2 through OMS 28-7 were installed as part of this investigation on March 26 through March 28, 2008. Because of delays encountered during the procurement of the ALDOT ROW permit, permanent monitoring well OMS-28-1 was not installed until June 6, 2008. These wells were intended as replacements for the temporary wells and piezometers at the site or were installed in locations thought to be more beneficial to the TCE Investigation. The deep wells were to delineate the vertical contamination. The locations of all soil borings are shown on **Figure 2**.

On March 24, 2008, an exploratory boring was advanced in the southwest portion of the site to assess the local subsurface conditions. This exploratory boring was advanced using sonic rotary drilling techniques to a depth of 120 feet bgs. Sonic rotary drilling allowed a continuous core of subsurface material to be collected for visual identification of the soil types encountered during the boring installation. The exploratory boring was logged to determine if a confining layer was present and determine subsurface lithology for placement of shallow and deep wells. Additionally, the exploratory boring was used to collect geotechnical samples that will be used for an ARBCA assessment of the site. Shelby tube geotechnical samples were collected from the exploratory boring at the ground surface, in the unsaturated zone at a depth of 10 feet bgs, and the saturated zone clay at a depth of 105 feet bgs. When the boring was completed and all samples had been collected, the boring annulus was filled with a neat grout mixture of 95% portland cement and 5% bentonite clay with a "tremie" pipe to within 2 feet of the ground surface.

Each Shelby tube geotechnical sample was submitted to Thompson Engineering, Inc. in Mobile, Alabama for analysis of porosity, bulk density, water content, fractional organic carbon content, and soil bulk density. Results of the soil geotechnical laboratory analysis are presented in **Appendix C**. As per the ADEM ARBCA guidance, the samples were located to "determine typical soil properties which are representative of the source area" and to "be representative of the soils through which the (chemicals of concern) migrate to reach groundwater." In addition, the exploratory boring was located so that it allowed access native soils not impacted by release.

Following the installation of the exploratory boring borings, OMS-28-2 through OMS-28-7 were installed on March 26 and 27, 2008. Borings OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7 were shallow borings installed to depths of 20 feet bgs. Borings OMS-28-1 and OMS-28-4 OMS-28-6 were deep borings installed to depths to depths of 80 feet bgs, 75 feet bgs, and 75 feet bgs, respectively. As with the installation of the exploratory boring, soil borings OMS-28-2 through OMS-28-7 were advanced using sonic rotary drilling techniques to allow a continuous core of subsurface material to be collected for visual identification of the soil types encountered during the boring installation.

On June 6, 2008, following receipt of the ALDOT ROW permit, soil boring OMS-28-1 was installed off site to the north, along the U.S. Interstate 10 East Service Road. This boring was a

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deep boring placed next to the existing shallow well MW-12. As with borings OMS-28-2 through OMS-28-7, OMS-28-1 was installed with sonic rotary drilling techniques to allow a continuous core of subsurface material to be collected for visual identification of the soil types encountered during the boring installation.

With the exception of the installation of the exploratory boring, soil samples were collected at five-foot intervals from each boring and screened with an OVA-FID. All soil samples were visually classified according to the Unified Soil Classification System (ASTM D 2487-92 and ASTM D 2488-90). Boring logs showing a visual depiction of each soil boring are contained in **Appendix B**.

Three soil samples from each shallow well were selected for laboratory analysis - one surficial sample, one with the highest OVA reading, and one collected above the soil/groundwater interface. Four soil samples from each deep well were selected for laboratory analysis - one surficial sample, one with the highest OVA reading above the water table, one with the highest OVA reading below the water table, and the soil sample collected from just above the soil/groundwater interface. It should be noted that all sampling equipment was decontaminated between each sampling event, utilizing a Liquinox wash, tap water rinse, isopropanol rinse, and DI water rinse.

Following selection for laboratory analysis, each soil sample was placed into clean laboratory supplied containers, placed on ice, and transported under proper chain-of-custody protocol to Analytical Laboratories, Inc, of Baton Rouge, Louisiana, and Test America, Inc. of Mobile, Alabama. The soil samples were analyzed for TCL Volatile Compounds by EPA Method 8260. Both testing laboratories and AEROSTAR adhere to the quality control program, including spikes, blanks, and duplicates, of EPA SW-846 and ER 1110-1-263. This guidance requires the following:

- a. 10% of all samples will be collected for duplicate/split
- b. 10% for rinsate analysis
- c. 10% of groundwater volatile sampling to be trip blanks (one per cooler)

Soil sample results are reported in dry weight per EPA SW-846, which requires % solids determination. Soil cuttings generated during the installation of the soil borings were containerized and stored at an approved location on-site as investigation derived waste (IDW) until disposal. **Appendix D** provides the IDW inventory. Copies of soil laboratory analytical reports and chain of custody are provided in **Appendix E**.

4.4 Monitoring Well Installation

4.4.1 Type II Wells

Following the completion of the soil borings on March 26 and 27, 2008, each soil boring was converted to a groundwater monitoring well. The wells were installed in accordance with Publication Number: EM 1110-1-4000, Title: Engineering and Design - Monitoring Well Design, Installation, and Documentation at Hazardous Toxic, and Radioactive Waste Sites. The four shallow borings were converted to shallow Type II monitoring wells (OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7) with their screen in the uppermost aquifer. The wells

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were installed in accordance with the technical requirements of the August 21, 2007, SOW and all local, State, and Federal requirements. Each Type II well was constructed of 10 feet of 0.01" slotted 2-inch PVC screen and enough well casing to bring the well to or just above the ground surface. The annulus of each borehole was filled with clean, graded quartz sand to approximately 2 feet above the top of the screen. A 2-foot layer of bentonite pellets was then gravity fed into the annulus of each borehole. This layer of bentonite pellets was saturated with tap water and allowed to hydrate. Following the hydration of the bentonite, a neat grout mixture of 95% Portland cement and 5% bentonite clay was pumped into each well annulus with a tremie pipe until the grout mixture was within one foot of the ground surface. The well casings were sealed with locking, watertight well caps. Please see the Soil Boring Log/Monitoring Well Construction Diagrams contained in **Appendix B** for individual monitoring well construction details.

4.4.2 Type III Wells

Following the completion of the soil borings on March 26 and 27, 2008 and June 6, 2008, each soil boring was converted to a groundwater monitoring well. The wells were installed in accordance with Publication Number: EM 1110-1-4000, Title: Engineering and Design -Monitoring Well Design, Installation, and Documentation at Hazardous Toxic, and Radioactive Waste Sites. The three deep borings were converted to Type III double cased monitoring wells (OMS-28-1, OMS-28-4, and OMS-28-6) with their screen in a deeper aguifer. The wells were installed in accordance with the technical requirements of the August 21, 2007, SOW and all local, State, and Federal requirements. The outer casing of each type II well was constructed using an 8-inch diameter schedule 40 PVC casing. The 8-inch casing was installed to a depth indicative of the confining strata or 80 feet bgs, whichever was shallower. The surface casing of each type III well was grouted in place with a neat grout mixture of 95% portland cement and 5% bentonite clay using a tremie pipe. After allowing the cement grout to set, the boring was advanced through the next confining layer. Well installation was completed using 10 feet of 0.01-inch factory slotted well screen set at depths of 76 feet bgs to 80 feet bgs and 2-inch diameter flush-threaded Schedule 40 PVC risers. The annulus of each borehole was filled with clean, graded quartz sand to approximately 2 feet above the top of the screen. A 2-foot layer of bentonite pellets was then gravity fed into the annulus of each borehole. This layer of bentonite pellets was saturated with tap water and allowed to hydrate. This method enabled the lower water bearing zone to be isolated. A locking well waterproof well cap was installed at the top of each well and each well was finished with either a bolt down flush mount cover set in concrete at ground level or a metal stick up protective cover depending on its location.

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4.5 Site Survey

Coordinates and elevations were established for soil boring/monitoring well locations using a Professional Land Surveyor (PLS). On August 18, 2004, the OMS-28 site was surveyed by Lawler and Company Land and Industrial Surveyors, Inc., (LAWLER) The location of each newly installed well, OMS-28-1 through OMS-28-7, along with existing wells MW-5, MW-8, MW-9, MW-12 was surveyed. The survey was tied into the Alabama Local State Plane Coordinate System, North American Datum (NAD) Alabama West 1983 (1992), and all elevations are in National Geodetic Vertical Datum (NGVD 1929). The coordinates are to the closest one-foot and were referenced to the State Plane Coordinate System. Ground surface elevations and TOC elevations were measured to the nearest 0.01-foot. The top of each well casing was marked to identify a constant measuring point for measuring water levels. A copy of the survey data from LAWLER is included in **Appendix F**.

4.6 Groundwater Elevation & Flow Direction

On July 1, 2008, July 8, 2008, and August 25, 2008, groundwater levels were measured at the site. Static water levels were measured in all monitoring wells using an electronic groundwater level indicator. Liquid levels were measured to the nearest 0.01 foot from the top of each well casing for calculation of the groundwater elevation. This information was used to determine groundwater flow direction, which is discussed in Section 5.0 of this report. **Table 2**, **Groundwater Elevation Data** identifies survey data, depth to water (DTW) and elevation measurements.

4.7 Well Development

The wells installed during this investigation were developed in accordance with Publication Number: EM 1110-1-4000, Engineering and Design - Monitoring Well Design, Installation, and Documentation at Hazardous Toxic, and Radioactive Waste Sites, which says, in part, "The final development of monitoring wells should be initiated no sooner than 48 hours after or more than 7 days beyond the final grouting of the well" and "Well development should be completed at least 14 days before well sampling". Monitoring wells OMS-28-2 through OMS-28-7, which were installed on March 26 through 28, 2008, were developed on April 1, 2008. Monitoring well OMS-28-1 which was installed on June 6, 2008, was developed on June 11, 2008. The newly installed monitor wells were developed using a peristaltic pump and high density polyethylene tubing (HDPE) tubing. New tubing was used for each well and each well was developed until the water was free of silt and sand. All decontamination and development fluids generated during development activities were containerized and stored as IDW in labeled drums and stored on site. **Appendix D** provides the IDW inventory.

4.8 Monitoring Well Purging and Sampling

On July 1, 2008, and July, 8, 2008, prior to groundwater sampling activities, static water levels were measured in monitoring wells MW-5, MW-6, MW-8, MW-9, MW-12, and OMS-28-1 through OMS-28-7 using an electronic water level indicator 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 a common datum.

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In order to obtain valid, representative groundwater samples, each well was purged prior to collecting samples via peristaltic pump which is an approved method for this project. New 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 IDW. **Appendix D** provides the IDW inventory.

Remediation through natural attenuation (RNA) data including conductivity, pH, oxidation-reduction potential (ORP), dissolved oxygen (DO) and temperature were measured and recorded during purging. Unfortunately, an instrument malfunction prevented measurement of DO in all samples but the one collected from MW-12. Stabilization of these parameters was assumed when successive measurements after each well volume varied by 10% or less. Purging continued until these parameters stabilized or the well went dry. The volume of water removed from each well was also measured and recorded. **Table 3**, **RNA Field Measurements** contains all RNA measurements recorded during the July 1, 2008 and July 8, 2008 sampling events.

4.9 Monitor Well Sampling

On July 1, 2008, groundwater sampling was completed at monitoring wells MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, and OMS-28-7. Unfortunately, the peristaltic pump malfunctioned during the July 1, 2008 sampling event and monitoring wells OMS-28-1, OMS-28-4, and OMS-28-6 could not be sampled. A peristaltic replacement pump was ordered and monitoring wells OMS-28-1, OMS-28-4, and OMS-28-6 were sampled on July 8, 2008. Following purging stabilization, groundwater grab samples were collected in precleaned 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 TCL Volatile Compounds by EPA Method 8260. Copies of the groundwater laboratory analytical reports and chains-of-custody are provided in **Appendix E**.

4.10 Investigation Derived Waste Handling

During the course of the field investigation, IDW was generated and handled in accordance with the IDWMP. The IDWMP addressed the requirements of the National Contingency Plan (NCP) along with the EPAs interpretation of these plans. The inventory of IDW generated during the investigation along with the disposal manifests are provided in **Appendix D**. On June 6, 2008, all soil IDW was removed from the site by SunCoast Environmental Consultants, Inc. for disposal.

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5.0 FINDINGS

5.1 Groundwater Elevation and Flow Direction

Depth to the groundwater at the site was measured on July 1, 2008, July 8, 2008, and August 25, 2008, with an electronic groundwater level indicator. The depth to the groundwater from the TOC was recorded and this distance was subtracted from the TOC elevation for each well established in the survey of the site. Depth to groundwater in the shallow wells (MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, OMS-28-7) during the gauging events varied from 3.35 feet below TOC in monitoring wells MW-5 and MW-8 to 12.91 feet below TOC in monitoring well OMS-28-2. Depth to water in the deep wells (OMS-28-1, OMS-28-4, OMS-28-65) during the gauging events varied from 8.89 feet below TOC to 26.85 feet below TOC in monitoring well OMS-28-4. A review of the water level measurements collected on August 25, 2008 from MW-5, MW-6, MW-8, MW-9, MW-12, OMS-28-2, OMS-28-3, OMS-28-5, OMS-28-7 indicates that the groundwater flow direction at the OMS-28 site is to the north. This flow direction is somewhat further to the east than past monitoring events. It should be noted that the groundwater levels in the wells rose by approximately three feet from early July 2008 to late August 2008 and the water levels recorded and the flow direction estimated from the August 28, 2008 site visit may be anomalous.

Water levels and elevation data are provided in **Table 2**. **Figure 3**, **Generalized Groundwater Flow Map** identifies generalized groundwater flow direction of the most recent (August 25, 2008) groundwater gauging event.

5.2 Soil Analytical Results

Table 5-1 presents the soil analytical results. The soil laboratory analytical reports for all soil samples collected during this investigation and associated chains-of-custody are provided in **Appendix E**.

Twenty four (24) soil samples were collected from seven (7) locations during the course of this investigation and compared to the ARBCA June 2007 commercial PSVs and the EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites (EPA RSL) for commercial soil. The following contaminants were detected in soil samples collected during this investigation; 2-butanone, acetone, chloroform, carbon disulfide, methyl acetate, TCE, and cis-1-2dichloroethene. With the exception of TCE, all the contaminants were detected at levels that were below their respective PSV or EPA RSL.

The TCE levels detected in the soil samples collected from OMS-28-3 at a depth of 10 to 15 feet bgs, OMS-28-6 at a depth of 5 to 10 feet bgs and again at a depth of 10 to 15 feet bgs were 0.211J mg/Kg, 0.076 mg/Kg, and 0.107J mg/Kg, respectively. The TCE levels detected in OMS-28-6 exceed the ADEM Residential soil PSV, while the TCE level in the soil samples collected from OMS-28-3 exceeded the ADEM Residential and Commercial Soil PSVs. Additionally, TCE was detected in the sample collected from OMS-28-4 at a depth of 10 to 15 feet bgs at a concentration that was lower than ADEM PSVs. Please see **Table 4**, **Soil Analytical Results** for the soil analytical results. **Figure 4**, **Soil Analytical Results**, illustrates the analytical results of the soil testing. **Figure 5**, **TCE Concentrations in Soil, April & May**

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2007 (**0-12 Inches**), and **Figure 6 TCE Concentrations in Soil, April & May 2007** (**Subsurface**) from the April 2007 TCE Investigation are provided for reference.

5.3 Groundwater Analytical Results

Table 4, Groundwater Analytical Results, summarizes the groundwater analytical results while **Figure 2** illustrates the sample locations and the analytical results. **Figure 7**, **Groundwater Analytical Results** contains a visual depiction of the groundwater analytical results. The groundwater laboratory analytical reports for all groundwater samples collected during this investigation and associated chains-of-custody are provided in **Appendix E**. Contaminants detected in groundwater samples (including estimated values) collected during this investigation are identified as 1,2-dichloroethane, 1,3-dichlorobenzene, 2-butanone (MEK), 4-methyl-2-pentanone (hexone) acetone, benzene, bromoform, chloroform, chloromethane, cyclohexane, methylcyclohexane, methylene chloride, naphthalene, tetrachloroethene. Contaminants detected in groundwater samples (including estimated values) collected during this investigation that exceeded either an ADEM PSV or an EPA RSL are identified as benzene, chloromethane, methylene chloride, naphthalene, tetrachloroethene, and TCE.

The naphthalene concentration detected in the groundwater sample collected from monitoring well MW-5 of 0.00464J mg/L exceeded the ADEM drinking water PSV of 0.00062 mg/L. The benzene concentration of 0.016 mg/L and the naphthalene concentration of 0.028 mg/L detected in the groundwater sample collected from monitoring well MW-6 exceeded the ADEM drinking water PSVs for benzene and naphthalene of 0.005 mg/L and 0.0062 mg/L, respectively. However, it should be noted that Groundwater Resource Protection Target Concentrations of 0.0311 mg/L for benzene and 0.124 mg/L for naphthalene for compliance wells downgradient from the UST were calculated in the ARBCA for OMS 28 Pit #2, Revision 1, dated November 2001. Therefore, the concentration of benzene and naphthalene in these wells do not exceed the site specific target levels.

The chloromethane concentration of 0.00210J mg/L and TCE concentration of 0.133 mg/L in monitoring well MW-8 exceeded the ADEM drinking water PSVs for chloromethane and TCE of 0.0016 mg/L and 0.005 mg/L, respectively. The methylene chloride concentration of 0.00905J mg/L detected in the groundwater sample collected from monitoring well OMS-28-1 exceeded the ADEM drinking water PSV for methylene chloride of 0.005 mg/L. The TCE concentration of 0.08 mg/L detected in the groundwater sample collected from monitoring well OMS-28-3 exceeded the ADEM drinking water PSV for TCE of 0.005 mg/L. The tetrachloroethene concentration of 0.13 mg/L and TCE concentration of 0.039 mg/L detected in the groundwater sample collected from monitoring well OMS-28-5 exceeded the ADEM drinking water PSVs for tetrachloroethene and TCE of 0.0016 mg/L and 0.005 mg/L, respectively. No other chemical of concern exceed an ADEM drinking water PSV or an 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, the TCE concentration of 0.129 mg/L in the duplicate sample collected from monitoring well MW-8 exceeded the ADEM

drinking water PSV for TCE of 0.005 mg/L. Chloromethane, which was detected in MW-8 at 0.00210J, was not detected in the duplicate sample collected from MW-8. The chloromethane concentration of 0.00184J mg/L and methylene chloride concentration of 0.00907J mg/L in the duplicate sample collected from monitoring well OMS-28-1 exceeded the ADEM drinking water PSVs for chloromethane and methylene chloride of 0.0016 mg/L and 0.005 mg/L, respectively. These duplicate values are comparable to the values detected in monitoring wells MW-8 and OMS-28-1.

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 methylene chloride concentration detected in the groundwater sample collected from OMS-28-1 of 0.00905J mg/L exceeded the ADEM drinking water PSV of 0.005 mg/L by 0.00405 mg/L or 0.00405 parts per million. This result was confirmed by the methylene chloride concentration of 0.00907J mg/L in the duplicate sample collected from OMS-28-1. However, it should be noted that the methylene chloride concentrations in the sample and duplicate sample collected from OMS-28-1 were laboratory estimated or "J" values.

A visual representation of the estimated TCE plume is presented as **Figure 8, TCE Groundwater Plume**.

6.0 SUMMARY

6.1 Soil

Review of the laboratory results of the soil samples collected and analyzed during the course of this investigation reveals that TCE concentrations exceeded the ADEM residential soil PSV for TCE in soil boring OMS-28-6 at depths of 5 to 10 and 10 to 15 feet bgs. Additionally, the TCE concentration in the soil sample collected from OMS-28-3 at a depth of 10 to 15 feet bgs exceeded the ADEM commercial soil PSV for TCE. TCE concentrations from surface soil samples collected from HA-15 and HA-2 and the subsurface in HA-15 for the April 2007 TCE Investigation also exceeded the ADEM commercial soil PSV for TCE. No other soil sample exhibited a chemical of concern concentration above its respective ADEM commercial soil PSV or EPA RSL. Soil contamination does not appear to be a significant concern at the OMS-28 site.

6.2 Groundwater

Review of the laboratory results of the groundwater samples collected and analyzed during this investigation reveals that six (6) chemicals of concern – benzene, chloromethane, methylene chloride, naphthalene, tetrachloroethene, and TCE were detected in groundwater at concentrations that exceeded their respective ADEM drinking water PSV.

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. Review of the analytical results indicates that the TCE plume has been delineated and is located at the southwest portion of the 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 estimated methylene chloride concentration in OMS-28-1 slightly exceeded the ADEM PSV for methylene chloride. The analytical results of groundwater samples collected at OMS-28 indicate that the plume has been delineated vertically and does not extend below the surficial aquifer.

The naphthalene concentration in monitoring well MW-5 exceeded the ADEM drinking water PSV. Benzene and the naphthalene concentrations in monitoring well MW-6 exceeded the respective ADEM drinking water PSVs. However, it should be noted that Groundwater Resource Protection Target Concentrations of 0.0311 mg/L for benzene and 0.124 mg/L for naphthalene for compliance wells downgradient from the UST were calculated in the ARBCA for OMS 28 Pit #2, Revision 1, dated November 2001. Therefore, the concentration of benzene and naphthalene in these wells do not exceed the site specific target levels.

The chloromethane concentration and TCE concentration in monitoring well MW-8 exceeded their respective ADEM drinking water PSVs. The methylene chloride concentration in monitoring well OMS-28-1 exceeded the ADEM drinking water PSV. The TCE concentration in monitoring well OMS-28-3 exceeded the ADEM drinking water PSV. The tetrachloroethene concentration and TCE concentration in monitoring well OMS-28-5 exceeded their respective ADEM drinking water PSVs. No other chemical of concern exceed an ADEM drinking water

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PSV or EPA RSL for drinking water in any of the groundwater samples collected during this investigation.

Only one type III deep well, OMS-28-1, exhibited any chemical of concern concentration that exceeded any ADEM PSV. The methylene chloride concentration in OMS-28-1 exceeded the ADEM drinking water PSV for methylene chloride. However, the duplicate sample collected from OMS-28-1 did not.

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7.0 RECOMENDATIONS

Aerostar Environmental Services, Inc. makes the following recommendations in connection with the Supplemental Comprehensive Investigation:

- Based on the findings, it is recommended that no additional soil borings or groundwater monitoring wells be installed at the OMS-28 site or in the immediate vicinity of the OMS-28 site;
- Conduct three 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



TABLE 2 Liquid Level Summary

Organizational Maintenance Shop 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)
				10/13/05	NA	5.10	23.04
				04/18/06	NA	6.60	21.54
	12.6			10/18/06	NA	6.60	21.54
MW-5		3.3-13.3	28.14	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
				10/13/05	NA	5.22	22.93
				04/18/06	NA	6.76	21.39
				10/18/06	NA	6.70	21.45
MW-6	12.7	2.3-12.3	28.15	11/22/06	NA	6.33	21.82
				07/01/08	NA	5.84	22.31
				07/08/08			
				08/25/08		Inaccessi	ble
				10/13/05	NA	5.84	22.40
				04/18/06	NA	7.20	21.04
				10/18/06	NA	6.80	21.44
MW-8	15.2	4.8-14.8	28.24	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
				11/22/06	NA	6.86	20.59
NAVA/ 0	47.4	7 00 47 00	07.45	07/01/08	NA	7.40	20.05
MW-9	17.4	7.38-17.38	27.45	07/08/08			
				08/25/08	NA	3.41	24.04
				11/22/06	NA	5.90	20.04
MW-12	45.0	F F7 4F F7	25.94	07/01/08	NA	6.20	19.74
IVIVV-12	15.6	5.57-15.57	25.94	07/08/08			
				08/25/08	NA	3.88	22.06
				07/01/08	NA	22.86	3.40
OMS-28-1	80.0	70-80	26.26	07/08/08	NA	22.90	3.36
				08/25/08	NA	22.45	3.81
				07/01/08	NA	12.91	17.97
OMS-28-2	20.0	10-20	30.88	07/08/08			
				08/25/08	NA	8.31	22.57

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TABLE 2 Liquid Level Summary

Organizational Maintenance Shop 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)
				07/01/08	NA	9.05	21.65
OMS-28-3	20.0	10-20	30.70	07/08/08			
				07/08/08	NA	7.78	22.92
				07/01/08			
OMS-28-4	76.0	66-76	27.99	07/08/08	NA	26.85	1.14
				08/25/08	NA	28.89	-0.90
			30.12	07/01/08	NA	11.90	18.22
OMS-28-5	20.0	10-20		07/08/08			
				08/25/08	NA	8.79	21.33
				07/01/08			
OMS-28-6	76.0	66-76	30.31	07/08/08	NA	26.70	3.61
				08/25/08	NA	25.51	4.80
				07/01/08	NA	9.21	18.35
OMS-28-7	20.0	10-20	27.56	07/08/08			
				08/25/08	NA	5.82	21.74

Notes: All measurements in feet TOC = top of casing

ft-BTOC = feet below top of casing ft-AMSL = feet above mean sea level

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Table 4 OMS-28

Soil Sample Analytical Results U. S. Army Corps of Engineers – Mobile District Contract No. W91278-06-D-0066

ARBCA PRELIMINA	DV CCDEEN	IINC VAI	HEC (DCVa)			Tack Order 0015 SAMPLE LOCATIONS										
ARBCA PRELIMINA	KT SCREEN	ING VAL	LUES (PSVS)			1				SAWIFLE L	OCATIONS		ı		ı	
	CAS		Residential		OMS-28-1	OMS-28-1	OMS-28-1	OMS-28-1	OMS-28-2	OMS-28-2	OMS-28-2	OMS-28-3	OMS-28-3	OMS-28-3	OMS-28-4	OMS-28-4
Chemical of Concern	Number	Units	Soil	Commercial Soil	(0-5)	(5-10)	(10-15)	(65-70)	(0-5)	(5-10)	(15-20)	(0-5)	(5-10)	(10-15)	(0-5)	(5-10)
	Number		3011		06/06/08	06/06/08	06/06/08	06/06/08	03/27/08	03/27/08	03/27/08	03/26/08	03/26/08	03/26/08	03/27/08	03/27/08
1.1.1-Trichloroethane	71-55-6	mg/Kg	1200	1200	0.000128U	0.000165U	0.000230U	0.000202U	0.000213U	0.000263U	0.000223U	0.000162U	0.000272U	0.000238U	0.000164U	0.000182U
1,1,2,2-Tetrachloroethane	79-34-5	mg/Kg	0.41	0.93	0.0001200 0.000187U	0.000241U	0.000337U	0.000296U	0.000312U	0.000384U	0.000326U	0.000237U	0.000398U	0.000348U	0.00040U	0.0001620 0.000267U
1,1,2-Trichloroethane	79-00-5	mg/Kg	0.73	1.6	0.000118U	0.000153U	0.000213U	0.000187U	0.000197U	0.000243U	0.000207U	0.000150U	0.000252U	0.000220U	0.000152U	0.000169U
1.1-Dichloroethane	75-34-3	mg/Kg		170	0.0001165U	0.00013U	0.000296U	0.000161U	0.000275U	0.000339U	0.000288U	0.000210U	0.000351U	0.000307U	0.000102U	0.00036U
1,1-Dichloroethene	75-35-4	mg/Kg		41	0.000372U	0.000481U	0.000672U	0.000590U	0.000622U	0.000766U	0.000651U	0.000473U	0.000793U	0.000694U	0.000478U	0.000533U
1.2.4-Trichlorobenzene	120-82-1	mg/Kg	6.2	22	0.000339U	0.000439U	0.000612U	0.000538U	0.000566U	0.000698U	0.000593U	0.000431U	0.000733U	0.000632U	0.0000435U	0.000485U
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg		2	0.000898U	0.00116U	0.00162U	0.00142U	0.00150U	0.00185U	0.00157U	0.00114U	0.00191U	0.00167U	0.00115U	0.00128U
1.2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/Kg	0.032	0.073	0.000156U	0.000201U	0.000281U	0.000247U	0.000260U	0.000320U	0.000272U	0.000198U	0.000332U	0.000290U	0.000200U	0.000223U
1,2-Dichlorobenzene	95-50-1	mg/Kg	600	600	0.000118U	0.000153U	0.000213U	0.000187U	0.000197U	0.000243U	0.0002720 0.000207U	0.000150U	0.000252U	0.000220U	0.000152U	0.000169U
1.2-Dichloroethane (EDC)	107-06-2	mg/Kg		0.60	0.000118U	0.000153U	0.000213U	0.000187U	0.000197U	0.000243U	0.000207U	0.000150U	0.000252U	0.000220U	0.000152U	0.000169U
1,2-Dichloropropane	78-87-5	mg/Kg		0.74	0.000116U	0.000150U	0.000210U	0.000184U	0.000194U	0.000239U	0.000201U	0.000148U	0.000248U	0.000217U	0.000149U	0.000166U
1,3-Dichlorobenzene	541-73-1	mg/Kg	53	600	0.000245U	0.000316U	0.000442U	0.000388U	0.000409U	0.000504U	0.000428U	0.000311U	0.000522U	0.000456U	0.000314U	0.000350U
1.4-Dichlorobenzene	106-46-7	mg/Kg	3.4	7.9	0.000437U	0.000565U	0.0007120	0.000692U	0.000729U	0.000899U	0.000763U	0.000555U	0.000930U	0.000814U	0.000560U	0.000625U
2-Butanone	78-93-3	mg/Kg		11000	0.00485J	0.016	0.000786U	0.000532U	0.0007230 0.000540U	0.000666U	0.000766U	0.000411U	0.000690U	0.000603U	0.000415U	0.000463U
2-Hexanone (Methyl n-Butyl ketone)	591-78-6	mg/Kg	NE	NE NE	0.000857U	0.0011U	0.00155U	0.00136U	0.00143U	0.00176U	0.00150U	0.00109U	0.00183U	0.00160U	0.00110U	0.00123U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/Kg	530	4700	0.000179U	0.000232U	0.000324U	0.000284U	0.000300U	0.000369U	0.000314U	0.000228U	0.000382U	0.000335U	0.000230U	0.000257U
Acetone	67-64-1	mg/Kg	1400	5400	0.031	0.103	0.030J	0.011J	0.013J	0.021J	0.00616J	0.0002200	0.094	0.062	0.025J	0.012J
Benzene	71-43-2	mg/Kg	0.64	1.4	0.000108U	0.000139U	0.000195U	0.000171U	0.000180U	0.000222U	0.000189U	0.000137U	0.000230U	0.000201U	0.000138U	0.00123 0.00154U
Bromodichloromethane	75-27-4	mg/Kg	0.82	1.8	0.000100U	0.000133U	0.000193U	0.0001710 0.000222U	0.0001000 0.000234U	0.0002220 0.000288U	0.000165U	0.0001778U	0.000298U	0.000261U	0.000130U	0.000200U
Bromoform	75-25-2	mg/Kg	62	220	0.000175U	0.0001010 0.000227U	0.000233U	0.0002220 0.000278U	0.000293U	0.0002660 0.000361U	0.0002430 0.000306U	0.0001760 0.000223U	0.000230U	0.0002010 0.000327U	0.000100U	0.000251U
Bromomethane	74-83-9	mg/Kg		1.3	0.001730 0.00156U	0.002270 0.00202U	0.00282U	0.0002700 0.00247U	0.0002330 0.00261U	0.0003010 0.00321U	0.00273U	0.0002230 0.00198U	0.0003740 0.00333U	0.0003270 0.00291U	0.002230 0.00200U	0.002310 0.00223U
Carbon Disulfide	75-15-0	mg/Kg	36	720	0.001300 0.000113U	0.002020 0.000146U	0.00202U	0.002470 0.000179U	0.002010 0.000189U	0.000233U	0.002730 0.000198U	0.0001300 0.000144U	0.012	0.002310	0.002000 0.000145U	0.002230 0.000162U
Carbon Tetrachloride	56-23-5	mg/Kg	0.25	0.55	0.0001130 0.000124U	0.000140U	0.0002040 0.000225U	0.000179U	0.000189U	0.000255U	0.000198U	0.0001440 0.000158U	0.000265U	0.000232U	0.000143U	0.000102U
Chlorobenzene	108-90-7	mg/Kg	15	53	0.0001240 0.000171U	0.0001010 0.000221U	0.0002230 0.000309U	0.000197U	0.000208U	0.000250U	0.000218U	0.0001380 0.000217U	0.000265U	0.000232U 0.000319U	0.0001000 0.000220U	0.000178U
Chloroethane	75-00-3	mg/Kg		6.5	0.0001710 0.000628U	0.0002210 0.000813U	0.0003090 0.00113U	0.0002710 0.000996U	0.00105U	0.0003320 0.00129U	0.0002990 0.00110U	0.0002170 0.000799U	0.0003030 0.00134U	0.000319U	0.0002200 0.000807U	0.000243U
Chloroform	67-66-3	mg/Kg	0.22	0.47	0.000028U	0.00395J	0.001130 0.000264U	0.000996U 0.000232U	0.001030 0.000244U	0.001290 0.000301U	0.001100 0.000256U	0.000799U	0.001340 0.000312U	0.001170 0.000273U	0.0008070 0.000188U	0.000899U
Chloromethane (Methyl chloride)	74-87-3	mg/Kg	47	160	0.0001400 0.000481U	0.000933 0.000622U	0.0002040 0.000869U	0.0002320 0.000763U	0.0002440 0.000803U	0.0003010 0.000990U	0.0002300 0.000841U	0.0001800 0.000611U	0.0003120 0.00103U	0.0002730 0.000897U	0.000188U	0.000209U
` , , , , , , , , , , , , , , , , , , ,	110-82-7			+	0.0004810 0.00115U	0.0000220 0.00148U	0.000809C	0.000763U	0.00192U	0.000990U	0.0008410 0.00201U			1	0.00018U	0.000686 0.00164U
Cyclohexane		mg/Kg	140 ^a	30,000 ^a								0.00146U	0.00244U	0.00214U		
Dibromochloromethane	124-48-1	mg/Kg	1.1	2.6	0.0000933U	0.000121U	0.000168U	0.000148U	0.000156U	0.000192U	0.000163U	0.000119U	0.000199U	0.000174U	0.000120U	0.000134U
Dichlorodifluoromethane	75-71-8	mg/Kg		31	0.000378U	0.000488U	0.000681U	0.000598U	0.000630U	0.000777U	0.000660U	0.000480U	0.000804U	0.000704U	0.000485U	0.000540U
cis-1,3-Dichloropropene	10061-01-5	mg/Kg	NE	NE	0.000119U	0.000154U	0.000215U	0.000189U	0.000199U	0.000245U	0.000209U	0.000152U	0.000254U	0.000222U	0.000153U	0.000171U
trans-1,3-Dichloropropene	10061-02-6	mg/Kg	NE	NE	0.000146U	0.000189U	0.000264U	0.000232U	0.000244U	0.000301U	0.000256U	0.000186U	0.000312U	0.000273U	0.000188U	0.000209U
Ethylbenzene	100-41-4	mg/Kg		400	0.000215U	0.000278U	0.000388U	0.000340U	0.000358U	0.000442U	0.000375U	0.000273U	0.000457U	0.000400U	0.000276U	0.000307U
Isopropylbenzene (Cumene)	98-82-8	mg/Kg	57	200	0.000159U	0.000205U	0.000286U	0.000252U	0.000265	0.000327U	0.000277U	0.000202U	0.000338U	0.000296U	0.000204U	0.000227U
Methyl Acetate	79-20-9	mg/Kg	22000 ^a	NE	0.00159U	0.00205U	0.00286U	0.00251U	0.00265U	0.00326U	0.00277U	0.00201U	0.00338U	0.00296U	0.00204U	0.00227U
Methylcyclohexane	108-87-2	mg/Kg	2600 ^a	14000 ^a	0.000384U	0.000496U	0.000693U	0.000608U	0.000641U	0.000790U	0.000671	0.000488U	0.000818U	0.000715U	0.000493U	0.000549U
Methylene Chloride (Dichloromethane)	75-09-2	mg/Kg	9.1	21	0.000497U	0.000642U	0.000897U	0.000788U	0.000829U	0.00102U	0.000869U	0.000631U	0.00106U	0.000926U	0.000638U	0.000711U
Naphthalene	91-20-3	mg/KG	5.6	19	0.000390U	0.000504U	0.000704U	0.000618U	0.000651U	0.0008052U	0.000682U	0.017	0.000831U	0.000727U	0.000501U	0.000558U
Styrene	100-42-5	mg/Kg	1700	1700	0.000158U	0.000204U	0.000285U	0.000250U	0.000263U	0.000324U	0.000276U	0.000200U	0.000336U	0.000294U	0.000202U	0.000226U
Tetrachloroethene (PCE)	127-18-4	mg/Kg	0.48	1.3	0.000199U	0.000257U	0.000359U	0.000316U	0.000332U	0.000410U	0.000348U	0.000253U	0.000424U	0.000371U	0.000256U	0.000285U
Toluene	108-88-3	mg/Kg	520	520	0.000570U	0.000738U	0.00103U	0.000904U	0.000952U	0.00117U	0.000997U	0.000725U	0.00122U	0.00106U	0.000732U	0.000816U
Trichloroethene (TCE)	79-01-6	mg/Kg	0.053	0.11	0.000184U	0.000237U	0.000331U	0.000291U	0.000306U	0.000378U	0.000321U	0.000233U	0.000391U	<u>0.211J</u>	0.000236U	0.000263U
Trichlorofluoromethane	75-69-4	mg/Kg	39	200	0.000261U	0.000338U	0.000472U	0.000414U	0.000436U	0.000538U	0.000457U	0.000332U	0.000557U	0.000487U	0.000335U	0.000374U
Trichlorotrifluoroethane	76-13-1	mg/Kg	43000 ^a	180000 ^a	0.000195U	0.000252U	0.000352U	0.000309U	0.000326U	0.000401U	0.000341U	0.000248U	0.000415U	0.000364U	0.000250U	0.000279U
Vinyl Chloride (child/adult & adult)	75-01-4	mg/Kg	0.079	0.75	0.000364U	0.000471U	0.000657U	0.000577U	0.000608U	0.000749U	0.000636U	0.000463U	0.000776U	0.000679U	0.000467U	0.000521U
Xylenes (Total)	1330-20-7	mg/Kg	27	420	0.000593U	0.000767U	0.00107U	0.000940U	0.000990U	0.00122U	0.00104U	0.000754U	0.00126U	0.00111U	0.000761U	0.000849U
cis-1,2-Dichloroethene	156-59-2	mg/Mk	4.3	15	0.000131U	0.000169U	0.000236U	0.000207U	0.000218U	0.000269U	0.000228U	0.000166U	0.000278U	0.00912J	0.000168U	0.000187U
tert-Butl methyl ether (MTBE)	1634-04-4	mg/Kg	32	70	0.0000767U	0.0000992U	0.000139U	0.000122U	0.000128U	0.000158U	0.000134U	0.0000975U	0.000164U	0.000143U	0.000985U	0.000110U
trans-1,2-Dichloroethene	156-60-5	mg/Kg		23	0.000170U	0.000220U	0.000307U	0.000270U	0.000284U	0.000350U	0.000297U	0.000216U	0.000362U	0.000317U	0.000218U	0.000243U
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<u>Footnotes</u>

- ARBCA Preliminary Screening Values (PSVs) for Residential/Commercial Soil, 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 soil.
- mg/kg milligrams per kilogram
- J flag indicates an estimated value.
- U- indicates that the compound was analyzed for but not detected
- -NE indicates that neither an ARBCA Preliminary Screening Goal or a Region 3 RBC has been established for this compound.

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Table 4 OMS-28

Soil Sample Analytical Results U. S. Army Corps of Engineers – Mobile District Contract No. W91278-06-D-0066

ARBCA PRELIMINA	RY SCREEN	JING VAI	UFS (PSVs)					Tack O	rdor 0015	SA	MPLE LOCATIO	NS						
, it soft it the initial it	l Content	1	020 (1010)		0140 00 4	0140.00.4	0140.00.5	0140 00 5	0140.00.5				0140.00.0	0140 00 7	0140 00 7	0140 00 7	DUP 1	DUP 2
	CAS	l	Residential		OMS-28-4	OMS-28-4	OMS-28-5	OMS-28-5	OMS-28-5	OMS-28-6	OMS-28-6	OMS-28-6	OMS-28-6	OMS-28-7	OMS-28-7	OMS-28-7	[OMS-28-2	[OMS-28-5
Chemical of Concern	Number	Units	Soil	Commercial Soil	(10-15)	(70-75)	(0-5)	(5-10)	(15-20)	(0-5)	(5-10)	(10-15)	(70-75)	(0-5)	(5-10)	(15-20)	(0-5)	(0-5)
					03/27/08	03/27/08	03/27/08	03/27/08	03/27/08	03/28/08	03/28/08	03/28/08	03/28/08	03/26/08	03/26/08	03/26/08	03/27/081	03/27/081
1,1,1-Trichloroethane	71-55-6	mg/Kg	1200	1200	0.000232U	0.000152U	0.000230U	0.000215U	0.000217U	0.000180U	0.000142U	0.000167U	0.000126U	0.000175U	0.000199U	0.000177U	0.000178U	0.000193U
1,1,2,2-Tetrachloroethane	79-34-5	mg/Kg	0.41	0.93	0.000340U	0.000222U	0.000337U	0.000315U	0.000318U	0.000263U	0.000208U	0.000245U	0.000184U	0.000256U	0.000291U	0.000260U	0.000260U	0.000283U
1,1,2-Trichloroethane	79-00-5	mg/Kg	0.73	1.6	0.000215U	0.000141U	0.000213U	0.000199U	0.000201U	0.000167U	0.000132U	0.000155U	0.000117U	0.000162U	0.000184U	0.000164U	0.000165U	0.000179U
1,1-Dichloroethane	75-34-3	mg/Kg	51	170	0.000301U	0.000196U	0.000297U	0.000278U	0.000281U	0.000233U	0.000183U	0.000217U	0.000163U	0.000226U	0.000257U	0.000229U	0.000230U	0.000250U
1,1-Dichloroethene	75-35-4	mg/Kg	12	41	0.000679U	0.000443U	0.000671U	0.000628U	0.000634U	0.000525U	0.000414U	0.000489U	0.000367U	0.000510U	0.000580U	0.000518U	0.000519U	0.000265U
1,2,4-Trichlorobenzene	120-82-1	mg/Kg	6.2	22	0.000618U	0.000403U	0.000612U	0.000572U	0.000578U	0.000479U	0.000377U	0.000445U	0.000334U	0.000465U	0.000529U	0.000472U	0.000473U	0.000514U
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg	0.46	2	0.00164U	0.00107U	0.00162U	0.00152U	0.000153U	0.00127U	0.000999U	0.00118U	0.000885U	0.00123U	0.00140U	0.00125U	0.00125U	0.00136U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/Kg	0.032	0.073	0.000284U	0.000185U	0.000281U	0.000262U	0.000265U	0.000220U	0.000173U	0.000204U	0.000153U	0.000213U	0.000243U	0.000216U	0.000217U	0.000236U
1,2-Dichlorobenzene	95-50-1	mg/Kg	600	600	0.000215U	0.000141U	0.000213U	0.000199U	0.000201U	0.000167U	0.000132U	0.000155U	0.000117U	0.000162U	0.000184U	0.000164U	0.000165U	0.000179U
1,2-Dichloroethane (EDC)	107-06-2	mg/Kg	0.28	0.60	0.000215U	0.000141U	0.000213U	0.000199U	0.000201U	0.000167U	0.000132U	0.000155U	0.000117U	0.000162U	0.000184U	0.000164U	0.000165U	0.000179U
1,2-Dichloropropane	78-87-5	mg/Kg	0.34	0.74	0.000212U	0.000138U	0.000209U	0.000196U	0.000198U	0.000164U	0.000129U	0.000153U	0.000115U	0.000159U	0.000181U	0.000162U	0.000162U	0.000176U
1,3-Dichlorobenzene	541-73-1	mg/Kg	53	600	0.000446U	0.000291U	0.000441U	0.000413U	0.000417U	0.000345U	0.000272U	0.000321U	0.000241U	0.000336U	0.000382U	0.000340U	0.000341U	0.000371U
1,4-Dichlorobenzene	106-46-7	mg/Kg	3.4	7.9	0.000796U	0.000519U	0.000787U	0.000737U	0.000744U	0.000616U	0.000486U	0.000573U	0.000430U	0.000599U	0.000681U	0.000607U	0.000609U	0.000662U
2-Butanone	78-93-3	mg/Kg	2200	11000	0.000590U	0.000385U	0.000584U	0.000546U	0.000551U	0.000457U	0.000360U	0.000425U	0.000319U	0.000444U	0.000504U	0.000450U	0.000451U	0.000491U
2-Hexanone (Methyl n-Butyl ketone)	591-78-6	mg/Kg	NE	NE	0.00156U	0.00102U	0.00154U	0.00145U	0.00146U	0.00121U	0.000953U	0.00112U	0.000845U	0.00117U	0.00134U	0.00119U	0.00119U	0.00130U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/Kg	530	4700	0.000327U	0.000213U	0.000324U	0.000303U	0.000306U	0.000253U	0.000200U	0.000236U	0.000177U	0.000246U	0.000280U	0.000250U	0.000250U	0.000272U
Acetone	67-64-1	mg/Kg	1400	5400	0.028J	0.010J	0.013J	0.015J	0.031J	0.00625J	0.000431U	0.037	0.00505J	0.029J	0.012J	0.00722J	0.00932J	0.012J
Benzene	71-43-2	mg/Kg	0.64	1.4	0.000197U	0.000128U	0.000195U	0.000182U	0.000184U	0.000152U	0.000120U	0.000142U	0.000106U	0.000148U	0.000168U	0.000150U	0.000150U	0.000164U
Bromodichloromethane	75-27-4	mg/Kg	0.82	1.8	0.000255U	0.000166U	0.000252U	0.000236U	0.000238U	0.000198U	0.000156U	0.000184U	0.000138U	0.000192U	0.000218U	0.000195U	0.000195U	0.000212U
Bromoform	75-25-2	mg/Kg	62	220	0.000319U	0.000208U	0.000316U	0.000296U	0.000298U	0.000247U	0.000195U	0.000230U	0.000173U	0.000240U	0.000273U	0.000244U	0.000244U	0.000266U
Bromomethane	74-83-9	mg/Kg	0.39	1.3	0.00284U	0.00186U	0.00281U	0.00263U	0.00266U	0.00220U	0.00174U	0.00205U	0.000154U	0.00214U	0.00243U	0.00217U	0.00218U	0.00237U
Carbon Disulfide	75-15-0	mg/Kg	36	720	0.000206U	0.000134U	0.000204U	0.000191U	0.000193U	0.000160U	0.000126U	0.00342J	0.000111U	0.000155U	0.000176U	0.000157U	0.000158U	0.000171U
Carbon Tetrachloride	56-23-5	mg/Kg	0.25	0.55	0.000227U	0.000148U	0.000224U	0.000210U	0.000212U	0.000178U	0.000138U	0.000163U	0.000123U	0.000171U	0.000194U	0.000173U	0.000174U	0.000189U
Chlorobenzene	108-90-7	mg/Kg	15	53	0.000312U	0.000203U	0.000309U	0.000289U	0.000291U	0.000241U	0.000190U	0.000225U	0.000169U	0.000235U	0.000267U	0.000238U	0.000239U	0.000260U
Chloroethane	75-00-3	mg/Kg	3	6.5	0.00115U	0.000747U	0.00113U	0.00106U	0.00107U	0.000887U	0.000699U	0.000825U	0.000620U	0.000862U	0.000980U	0.000874U	0.000877U	0.000953U
Chloroform	67-66-3	mg/Kg	0.22	0.47	0.000267U	0.000174U	0.000264U	0.000247U	0.000249U	0.000206U	0.000163U	0.000192U	0.000144U	0.000201U	0.000228U	0.000203U	0.000204U	0000222U
Chloromethane (Methyl chloride)	74-87-3	mg/Kg	47	160	0.000877U	0.000572U	0.000868U	0.000812U	0.000820U	0.000679U	0.000535U	0.000632U	0.000474U	0.000660U	0.000750U	0.000669U	0.000671U	0.000730U
Cyclohexane	110-82-7	mg/Kg	140 ^a	30,000 ^a	0.00209U	0.00136U	0.00207U	0.00193U	0.00195U	0.00162U	0.00128U	0.00151U	0.001130U	0.00157U	0.00179U	0.00160U	0.00160U	0.00174U
Dibromochloromethane	124-48-1	mg/Kg	1.1	2.6	0.000170U	0.000111U	0.000168U	0.000157U	0.000159U	0.000132U	0.000104U	0.000123U	0.0000920U	0.000128U	0.000146U	0.000130U	0.000130U	0.000142U
Dichlorodifluoromethane	75-71-8	mg/Kg	9.4	31	0.000688U	0.000449U	0.000681U	0.000637U	0.000643U	0.000533U	0.000420U	0.000496U	0.000372U	0.000518U	0.000589U	0.000525U	0.000527U	0.000573U
cis-1,3-Dichloropropene	10061-01-5	9 9	NE	NE NE	0.000217U	.0.000142U	0.000215U	0.000201U	0.000203U	0.000168U	0.000133U	0.000157U	0.000118U	0.000164U	0.000186U	0.000166U	0.000166U	0.000181U
trans-1,3-Dichloropropene	10061-02-6	Ü	NE 100	NE 100	0.000267U	0.000174U	0.000264U	0.000247U	0.000249U	0.000206U	0.000163U	0.000192U	0.000144U	0.000201U	0.000228U	0.000203U	0.000204U	0.000222U
Ethylbenzene	100-41-4	mg/Kg	400	400	0.000391U	0.000255U	0.000387U	0.000362U	0.000366U	0.000303U	0.000239U	0.000282U	0.000212U	0.000294U	0.000335U	0.000299U	0.000299U	0.000326U
Isopropylbenzene (Cumene)	98-82-8	mg/Kg	57	200	0.000289U	0.000189U	0.000286U	0.000268U	0.000270U	0.000224U	0.000177U	0.000208U	0.000156U	0.000218U	0.000247U	0.000221U	0.000221U	0.000241U
Methyl Acetate	79-20-9	mg/Kg	22000 ^a	NE	0.00289U	0.00189U	0.00286U	0.00268U	0.00270U	0.00224U	0.00176U	0.022	0.00156U	0.00217U	0.00247U	0.00221U	0.00221U	0.00240U
Methylcyclohexane	108-87-2	mg/Kg	2600 ^a	14000 ^a	0.000699U	0.000456U	0.000692U	0.000647U	0.000654U	0.000541U	0.000427U	0.000504U	0.000378U	0.000526U	0.000598U	0.000534U	0.000535U	0.000582U
Methylene Chloride (Dichloromethane)	75-09-2	mg/Kg	9.1	21	0.000905U	0.000591U	0.000896U	0.000838U	0.000846U	0.000701U	0.000553U	0.000652U	0.000490U	0.000681U	0.000775U	0.000691U	0.000693U	0.000753U
Naphthalene	91-20-3	mg/KG	5.6	19	0.000711U	0.000464U	0.000703U	0.000658U	0.000664U	0.000550U	0.000434U	0.000512U	0.000384U	0.000535U	0.000608U	0.000542U	0.000544U	0.000591U
Styrene	100-42-5	mg/Kg	1700	1700	0.000287U	0.000187U	0.000284U	0.000266U	0.000268U	0.000222U	0.000175U	0.000207U	0.000155U	0.000216U	0.000246U	0.000219U	0.000220U	0.000239U
Tetrachloroethene (PCE)	127-18-4	mg/Kg	0.48	1.3	0.000363U	0.000237U	0.000359U	0.000336U	0.000339U	0.000281U	0.000222U	0.000261U	0.000196U	0.000273U	0.000310U	0.000277U	0.000278U	0.000302U
Toluene	108-88-3	mg/Kg	520	520	0.00104U	0.000678U	0.00103U	0.000962U	0.000971U	0.000805U	0.000635U	0.000749U	0.000562U	0.000782U	0.000889U	0.000794U	0.000796U	0.000865U
Trichloroethene (TCE)	79-01-6			0.11	0.027	0.000218U	0.000331U	0.000310U	0.00783J	0.000259U	<u>0.076</u>	<u>0.107J</u>	0.000181U	0.000252U	0.000286U	0.000255U	0.000256U	0.000278U
Trichlorofluoromethane	75-69-4		39	200	0.000476U	0.000311U	0.000471U	0.000441U	000445U	0.000369U	0.000291	0.000343U	0.000258U	0.000358U	0.000407U	0.000364U	0.000365U	0.000396U
Trichlorotrifluoroethane	76-13-1	mg/Kg	43000 ^a	180000 ^a	0.000355U	0.000232U	0.000352U	0.000329U	0.000332U	0.000275U	0.000217U	0.000256U	0.000192U	0.000267U	0.000304U	0.000271U	0.000272U	0.000296U
Vinyl Chloride (child/adult & adult)	75-01-4	,	0.079	0.75	0.000663U	0.000433U	0.000656U	0.000614U	0.000620U	0.000514U	0.000405U	0.000478U	0.000359U	0.000499U	0.000568U	0.000506U	0.000508U	0.000552U
Xylenes (Total)	1330-20-7	0 0	27	420	0.00108U	0.000705U	0.00107U	0.00100U	0.00101U	0.000837U	0.000660U	0.00779U	0.000585U	0.000813U	0.000925U	0.000825U	0.000827U	0.000900U
cis-1,2-Dichloroethene	156-59-2		4.3	15	0.00546J	0.000155U	0.000236U	0.000220U	0.00643J	0.000184U	0.000145U	0.00709	0.000129U	0.000179U	0.000204U	0.000182U	0.000182U	0.000198U
tert-Butl methyl ether (MTBE)	1634-04-4		32	70	0.000140U	0.0000913U	0.000138U	0.000129U	0.000131U	0.000108U	0.0000854U	0.000101U	0.0000757U	0.000105U	0.000120U	0.000107U	0.000107U	0.000116U
trans-1,2-Dichloroethene	156-60-5	mg/Kg	6.9	23	0.000310U	0.000202U	0.000307U	0.000287U	0.000290U	0.000240U	0.000189U	0.000223U	0.000168U	0.000233U	0.000265U	0.000237U	0.000237U	0.000258U

<u>Footnotes</u>

- ARBCA Preliminary Screening Values (PSVs) for Residential/Commercial Soil, 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 Lev
- mg/kg milligrams per kilogram
- J flag indicates an estimated value.
- U- indicates that the compound was analyzed for but not detected
- -NE indicates that neither an ARBCA Preliminary Screening Goal or a Region 3 RBC has been established for this compound.

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Table 4 OMS-28

Soil Sample Analytical Results U. S. Army Corps of Engineers – Mobile District Contract No. W91278-06-D-0066

				Tack Or	dor 0015					
ARBCA PRELIMINA	RY SCREEN	ING VAL	UES (PSVs)	raok o						
Chemical of Concern	CAS Number	Units	Residential Soil	Commercial Soil	DUP 3 [OMS-28-4 (0-5) 03/27/08]	RINSATE #1 03/28/08	RINSATE #2 03/28/08	RINSATE #3 03/28/08	IDW 03/28/08	IDW (TCLP) 03/28/08
1,1,1-Trichloroethane	71-55-6	mg/Kg	1200	1200	0.000220U	0.000155U	0.000155U	0.000155U	0.000320U	N/A
1,1,2,2-Tetrachloroethane	79-34-5	mg/Kg	0.41	0.93	0.000323U	0.000156U	0.000156U	0.000156U	0.000469U	N/A
1,1,2-Trichloroethane	79-00-5	mg/Kg	0.73	1.6	0.000204U	0.0000677U	0.000077U	0.0000677U	0.000297U	N/A
1,1-Dichloroethane	75-34-3	mg/Kg	51	170	0.000285U	0.000125U	0.000125U	0.000125U	0.000414U	N/A
1,1-Dichloroethene	75-35-4	mg/Kg	12	41	0.000643U	0.000266U	0.000226U	0.000226U	0.000935U	0.00916U
1,2,4-Trichlorobenzene	120-82-1	mg/Kg	6.2	22	0.000586U	0.000412U	0.000413U	0.000413U	0.000852U	N/A
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg	0.46	2	0.00155U	0.000181U	0.000181U	0.000181U	0.00226U	N/A
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/Kg	0.032	0.073	0.000269U	0.000101U	0.000101U	0.000101U	0.000391U	N/A
1,2-Dichlorobenzene	95-50-1	mg/Kg	600	600	0.000204U	0.000112U	0.000112U	0.000112U	0.000297U	N/A
1,2-Dichloroethane (EDC)	107-06-2	mg/Kg	0.28	0.60	0.000204U	0.000184U	0.000184U	0.000184U	0.000297U	0.00820U
1,2-Dichloropropane	78-87-5	mg/Kg	0.34	0.74	0.000201U	0.0000997U	0.0000997U	0.0000997U	0.000292U	N/A
1,3-Dichlorobenzene	541-73-1	mg/Kg	53	600	0.000423U	0.000134U	0.000134U	0.000134U	0.000615U	N/A
1,4-Dichlorobenzene	106-46-7	mg/Kg	3.4	7.9	0.000754U	0.000162U	0.000162U	0.000162U	0.00110U	N/A
2-Butanone	78-93-3	mg/Kg	2200	11000	0.000559U	0.000361U	0.000361U	0.000361U	0.000813U	0.017U
2-Hexanone (Methyl n-Butyl ketone)	591-78-6	mg/Kg	NE	NE	0.00148U	0.000151U	0.000151U	0.000151U	0.00215U	N/A
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/Kg	530	4700	0.000310U	0.0000882U	0.0000882U	0.0000882U	0.000451U	N/A
Acetone	67-64-1	mg/Kg	1400	5400	0.00404J	0.000690U	0.000690U	0.000690U	0.040J	N/A
Benzene	71-43-2	mg/Kg	0.64	1.4	0.000186U	0.000184U	0.000184U	0.000184U	0.000271U	0.055J
Bromodichloromethane	75-27-4	mg/Kg	0.82	1.8	0.000242U	0.0000796U	0.0000796U	0.0000796U	0.000352U	N/A
Bromoform	75-25-2	mg/Kg	62	220	0.000303U	0.0000655U	0.0000655U	0.0000655U	0.000440U	N/A
Bromomethane	74-83-9	mg/Kg	0.39	1.3	0.00270U	0.000252U	0.000252U	0.000252U	0.00392U	N/A
Carbon Disulfide	75-15-0	mg/Kg	36	720	0.000195U	0.0000997U	0.0000997U	0.0000997U	0.000284U	N/A
Carbon Tetrachloride	56-23-5	mg/Kg	0.25	0.55	0.000215U	0.000124U	0.000124U	0.000124U	0.000313U	0.00512U
Chlorobenzene	108-90-7	mg/Kg	15	53	0.000296U	0.0000510U	0.0000510U	0.0000510U	0.000430U	0.00852U
Chloroethane	75-00-3	mg/Kg	3	6.5	0.00109U	0.0000607U	0.0000607U	0.0000607U	0.00158U	N/A
Chloroform	67-66-3	mg/Kg	0.22	0.47	0.000253U	0.0000629U	0.0000629U	0.0000629U	0.000367U	0.00776U
Chloromethane (Methyl chloride)	74-87-3	mg/Kg	47	160	0.000832U	0.000244U	0.000244U	0.000244U	0.00121U	N/A
Cyclohexane	110-82-7	mg/Kg	140 ^a	30,000 ^a	0.00198U	0.000101U	0.000101U	0.000101U	0.00288U	N/A
Dibromochloromethane	124-48-1	mg/Kg	1.1	2.6	0.000161U	0.0000504U	0.0000504U	0.0000504U	0.000234U	N/A
Dichlorodifluoromethane	75-71-8	mg/Kg	9.4	31	0.000652U	0.000168U	0.000168U	0.000168U	0.0009487U	N/A
cis-1,3-Dichloropropene	10061-01-5	mg/Kg	NE	NE	0.000206U	0.0000648U	0.000648U	0.0000648U	0.000299U	N/A
trans-1,3-Dichloropropene	10061-02-6	mg/Kg	NE	NE	0.000253U	0.000101U	0.000101U	0.000101U	0.000367U	N/A
Ethylbenzene	100-41-4	mg/Kg	400	400	0.000371U	0.0000773U	0.0000773U	0.0000773U	0.000539U	N/A
Isopropylbenzene (Cumene)	98-82-8	mg/Kg	57	200	0.000274U	0.0000500U	0.0000500U	0.0000500U	0.000398U	N/A
Methyl Acetate	79-20-9	mg/Kg	22000 ^a	NE	0.00274U	0.000431U	0.000431U	0.000431U	0.00398U	N/A
Methylcyclohexane	108-87-2	mg/Kg	2600 ^a	14000 ^a	0.000663U	0.000201U	0.000201U	0.000201U	0.000964U	N/A
Methylene Chloride (Dichloromethane)	75-09-2	mg/Kg	9.1	21	0.000858U	0.000201U	0.0002010 0.000240J	0.000243J	0.0009040 0.00125U	N/A
Naphthalene	91-20-3	mg/KG	5.6	19	0.000674U	0.369U	0.369U	0.369U	0.000979U	NA
Styrene	100-42-5	mg/Kg	1700	1700	0.0000740 0.000272U	0.0000500U	0.0000500U	0.0000500U	0.000979U	N/A
Tetrachloroethene (PCE)	127-18-4	mg/Kg	0.48	1.3	0.0002720 0.000344U	0.0000300U	0.0000300U	0.0000300U	0.000596U	0.00908U
Toluene	108-88-3	mg/Kg	520	520	0.0003440 0.000986U	0.0000932U	0.0000932U	0.0000932U	0.00143U	N/A
Trichloroethene (TCE)	79-01-6	mg/Kg	0.053	0.11	0.0009860 0.000317U	0.00009320 0.000123U	0.00009320 0.000123U	0.000123U	0.000461U	0.011U
Trichlorofluoromethane	75-69-4	mg/Kg	39	200	0.0003170 0.000452U	0.0001230 0.000141U	0.0001230 0.000141U	0.0001230 0.000141U	0.0004610 0.000656U	N/A
Trichlorotrifluoroethane	76-13-1	mg/Kg	43000°		0.000432U 0.000337U					
				180000 ^a	0.000337U 0.000629U	0.000168U 0.000163U	0.000168U 0.000163U	0.000168U	0.000490U	N/A
Vinyl Chloride (child/adult & adult)	75-01-4	mg/Kg	0.079	0.75		0.000163U 0.000535U	0.000163U 0.000535U	0.000163U 0.000535U	0.000914U 0.00149U	0.00356U
Xylenes (Total)	1330-20-7	mg/Kg	27	420	0.00103U	0.000535U 0.000154U	0.000535U 0.000154U	0.000535U 0.000154U	0.00149U 0.000328U	N/A N/A
cis-1,2-Dichloroethene tert-Butl methyl ether (MTBE)	156-59-2	mg/Mk	4.3	15	0.000226U	0.000154U 0.000110U	0.000154U 0.000110U		0.000328U 0.000193U	
• • • • • • • • • • • • • • • • • • • •	1634-04-4	mg/Kg	32	70	0.000133U	0.000110U 0.000113U	0.0001100	0.000110U 0.000113U	0.000193U 0.000427U	N/A N/A
trans-1,2-Dichloroethene	156-60-5	mg/Kg	6.9	23	0.000294U	0.0001130	0.000113	0.0001130	0.0004270	IN/A

Footnotes

- ARBCA Preliminary Screening Values (PSVs) for Residential/Commercial Soil, 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
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- mg/kg milligrams per kilogram
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ARBCA PRELIMINARY SCRE	ENING VAL	UES (PSV	s)						Sample L	ocation					
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	OMS-28-3	OMS-28-4 (Deep Well)	OMS-28-5	OMS-28-6 (Deep Well)	OMS-28-7
				07/01/08	07/01/08	07/01/08	07/01/08	07/01/08	07/08/08	07/01/08	07/01/08	07/08/08	07/01/08	07/08/08	07/01/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000801U	0.0000601U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U	0.000223U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.000548J	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.0000661U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.000961U	0.0000961U	0.0000961U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U	0.000487U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.0100113U	0.000113U	0.000113U
Acetone	67-64-1	mg/L	0.55	0.00780J	0.00317J	0.011J	0.00472J	0.00363J	0.00905J	0.00338J	0.00218J	0.00207J	0.00355J	0.00305J	0.00487J
Benzene	71-43-2	mg/L	0.005	0.0000624U	<u>0.016</u>	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.0000875U	0.0000875U	0.0000675U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U
Carbon disulfide	75-15-0	mg/L	0.10	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U
Chloroform	67-66-3	mg/L	0.08	0.0000426U	0.0000426U	0.0000426U	0.0000426U	0.0000426U	0.044	0.0000426U	0.000252J	0.000219J	0.0000426U	0.0000426U	0.0000426U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000249U	0.000249U	<u>0.00210J</u>	0.000249U	0.000249U	0.00151J	0.00111J	0.000835J	0.000249U	0.000249U	0.000249U	0.000249U
Cyclohexane	110-82-7	mg/L	1000 ^a	0.0000722U	0.00418J	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.00006377U	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.0000637U
Dibromodifloromenthane	75-71-8	mg/L	0.039	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U	0.0000680U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.00533	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.000375U	0.000375U	0.000375U 0.0000921U	0.000375U	0.000375U	0.000375U	0.000375U	0.000375U 0.0000921U	0.000375U 0.0000921U	0.000375U 0.0000921U	0.000375U 0.0000921U
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.0000921U	0.00299J	0.0000921U		0.0000921U	0.0000921U	0.0000921U	0.0000921U				
Methylene Chloride	75-09-2	mg/L	0.005	0.0000765U	0.0000765U	0.0000765U	0.0000765U 0.000245U	0.0000765U 0.000245U	<u>0.00905J</u> 0.000245U	0.0000765U 0.000245U	0.0000765U	0.0000765U	0.0000765U 0.000245U	0.0000765U 0.000245U	0.0000765U
Naphthalene Styrene	91-20-3	mg/L	0.00062	<u>0.00464J</u> 0.0000821U	<u>0.028</u> 0.0000821U	0.000245U 0.0000821U	0.000245U	0.000245U	0.000245U	0.000245U	0.000245U 0.0000821U	0.000245U 0.0000821U	0.000245U	0.000245U	0.000245U 0.0000821U
Tetrachloroethene (PCE)	100-42-5 127-18-4	mg/L mg/L	0.1	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.000200U	0.00008210 0.13	0.00008210 0.000200U	0.00008210 0.000200U
Toluene	108-88-3	mg/L	1.00	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U	0.0000675U	0.0002000 0.0000675U	0.0002000 0.0000675U
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0000073C	0.000164U	0.133	0.000164U	0.000164U	0.000164U	0.000164U	0.00000730	0.0000073C	0.039	0.000164U	0.00173J
Trichlorofloromethane	75-69-4	mg/L	0.003	0.0001040 0.0000638U	0.0001040 0.0000638U	0.0000638U	0.0001040 0.0000638U	0.0001040 0.0000638U	0.0001040 0.0000638U	0.0001040 0.0000638U	0.0000638U	0.0001040 0.0000638U	0.0000638U	0.0001040 0.0000638U	0.0001733 0.0000638U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U
Vinvl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.00701J	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.0000745U	0.00397J	0.0000745U	0.0000745U	0.0000745U	0.0000745U	0.00626	0.0000745U	0.012	0.0000745U	0.0000745U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000716U	0.0000716U	0.0000756U	0.0000716U	0.0000716U	0.0000716U	0.0000716U	0.0000756U	0.0000716U	0.0000756U	0.0000716U	0.0000716U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.0000733U	0.005	0.0000733U	0.0000733U
() 1)= 2.0	.00 00 0	9/ ⊏	5.10												

Footnotes

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

NE = Not established

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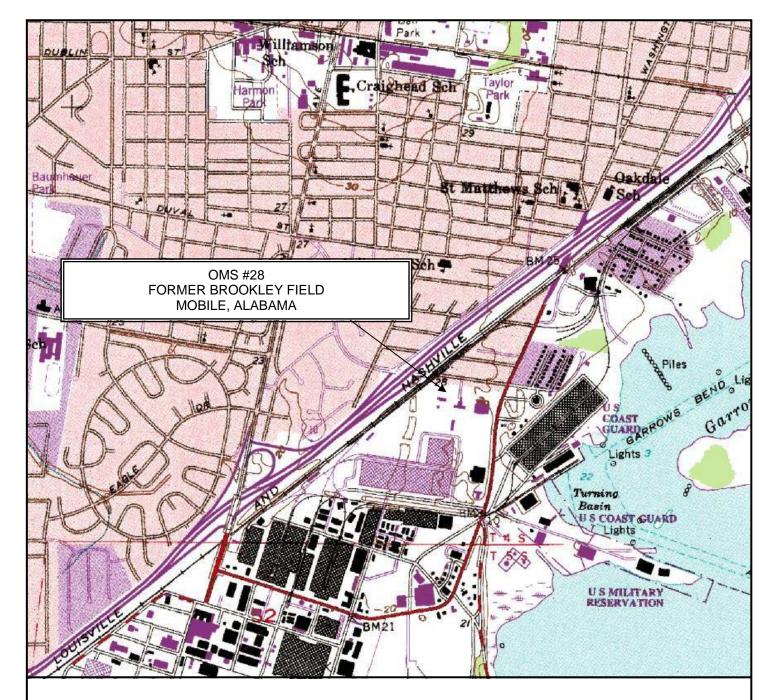
OMS 28

ARBCA PRELIMINARY SCRE	ENING VALU	JES (PSV:	s)			S	Sample Location			
CONTAMINANT Volatile Organic Compounds (VOCs)	CAS Number	Units	Tap Water	IDW	RINSATE-1	RINSATE-2	DUP-1 (MW-8)	DUP-2 (OMS-28-1)	TRIP BLANK	TRIP BLANK
				07/08/08	07/01/08	07/08/08	07/01/08	07/08/08	07/14/08	07/01/08
1,1.1-Trichloroethane	71-55-6	mg/L	0.02	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U	0.0000683U
1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.000055	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U	0.000148U
1,1,2-Ttrichloroethane	79-00-5	mg/L	0.005	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U	0.000146U
1,1-Dichloroethane	75-34-3	mg/L	0.081	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U	0.0000801U
1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U
1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	0.000223U	0.000223U	0.000223U	0.000223U	0.0000223U	0.000223U	0.000223U
1,2-Dibromo-3-chloropropane	96-12-8	mg/L	0.0002	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U	0.000356U
1,2-Dibromoethane	106-93-4	mg/L	0.00005	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U	0.000158U
1,2-Dichlorobenzene	95-50-1	mg/L	0.60	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U	0.000109U
1,2-Dichloroethane	107-06-2	mg/L	0.01	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U	0.0000663U
1,2-Dichloropropane	78-87-5	mg/L	0.01	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U	0.0000555U
1,3-Dichlorobenzene	541-73-1	mg/L	0.018	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.0000861U	0.000257J
1,4-Dichlorobenzene	106-46-7	mg/L	0.075	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U	0.0000961U
2-Butanone (MEK)	78-93-3	mg/L	0.70	0.000487U	0.000487U	0.000487U	0.0000487U	0.000487U	0.000487	0.000487U
2-Hexanone	591-78-6	mg/L	NE	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U	0.000308U
4-Methyl-2-pentanone (Hexone)	108-10-1	mg/L	0.20	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U	0.000113U
Acetone	67-64-1	mg/L	0.55	0.00563J	0.00366J	0.00345J	0.00430J	0.00678J	0.00181J	0.010J
Benzene	71-43-2	mg/L	0.005	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U	0.0000624U
Bromodichloromethane	75-27-4	mg/L	0.08	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U	0.0000875U
Bromoform	75-25-2	mg/L	0.08	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.0000947U	0.00150J	0.0000947U
Bromomethane (Methyl bromide)	74-83-9	mg/L	0.00087	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U	0.000252U
Carbon disulfide	75-15-0	mg/L	0.10	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U	0.000184U
Carbon Tetrachloride	56-23-5	mg/L	0.01	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U	0.0000825U
Chlorobenzene	108-90-7	mg/L	0.10	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U	0.0000631U
Chloroethane	75-00-3	mg/L	0.0046	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U	0.0000618U
Chloroform	67-66-3	mg/L	0.08	0.014	0.0000426U	0.0000426U	0.0000426U	0.045	0.0000426U	0.0000426U
Chloromethane (Methyl chloride)	74-87-3	mg/L	0.0016	0.000963J	0.000884J	0.00133J	0.000249U	0.00184J	0.000249U	0.000249U
Cyclohexane	110-82-7	mg/L	1000 ^a	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U	0.0000722U
Dibromochloromenthane	124-48-1	mg/L	0.08	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.0000637U	0.000939J	0.0000637U
Dibromodifloromenthane	75-71-8	mg/L	0.039	0.0000680U	0.0000680U	0.0000688U	0.0000680U	0.0000680U	0.0000680U	0.0000680U
cis-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U	0.0000746U
trans-1,3-Dichloropropene	542-75-6	mg/L	0.0004	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U	0.0000702U
Ethylbenzene	100-41-4	mg/L	0.70	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U	0.0000924U
Isopropylbenzene (Cumene)	98-82-8	mg/L	0.66	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U	0.0000569U
Methyl acetate	79-20-9	mg/L	6100 ^a	0.000375U	0.000375U	0.000375U	0.000375U	0.000375U	0.000375U	0.000375U
Methylcyclohexane	108-87-2	mg/L	2600 ^a	0.0000921U	0.0000921U	0.0000921	0.0000921U	0.0000921U	0.0000921U	0.0000921U
Methylene Chloride	75-09-2	mg/L	0.005	0.00278J	0.000797J	0.000800J	0.0000765U	0.00907J	0.0000765U	0.0000765U
Naphthalene	91-20-3	mg/L	0.00062	0.000245U	0.000245U	0.000245U	0.000245U	0.000245U	0.000245U	0.000245U
Styrene	100-42-5	mg/L	0.1	0.0000821U	0.0000821U	0.0000821U	0.0000821U	0.0000821U	0.0000821U	0.0000821U
Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000200U	0.000200U	0.000200U	0.000200U	0.000200U	0.000200U	0.000200U
Toluene	108-88-3	mg/L	1.00	0.000369J	0.0000675U	0.0000675U	0.0000675U	0.000434J	0.0000675U	0.000290J
Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000164U	0.000164U	0.000164U	<u>0.129</u>	0.000164U	0.000164U	0.000164U
Trichlorofloromethane	75-69-4	mg/L	0.13	0.0000638U	0.0000638U	0.0000638U	0.0000638U	0.0000638U	0.0000638U	0.0000638U
Trichlorotrifloroethane	76-13-1	mg/L	NE	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U	0.000168U
Vinyl chloride (child/adult)	75-01-4	mg/L	0.002	0.0000538	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U	0.0000538U
Xylenes (total)	1330-20-7	mg/L	10	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U	0.000194U
(cis)-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0000745U	0.0000745U	0.0000745U	0.00437J	0.0000745U	0.0000745U	0.0000745U
Methyl tert-butyl ether (MTBE)	1634-04-4	mg/L	0.011	0.0000756U	0.0000756U	0.0000756U	0.0000756U	0.0000756U	0.0000756U	0.0000756U
(trans)-1,2-Dichloroethene	156-60-5	mg/L	0.10	0.0000573U	0.0000573U	0.0000573U	0.0000573U	0.0000573U	0.0000573U	0.0000573U

Footnotes

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





MOBILE, ALABAMA QUADRANGLE

7.5 MINUTE SERIES (TOPOGRAPHIC)

DATED 1982

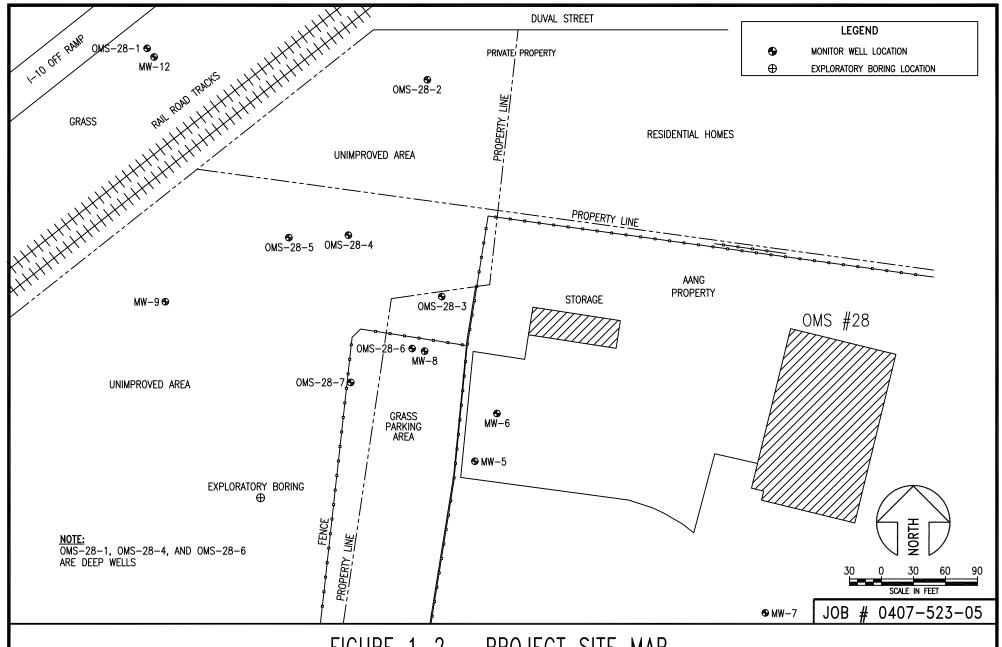
CONTOUR INTERVAL 10 FEET

FIGURE 1-1 SITE LOCATION MAP



OMS #28 BROOKLEY COMPLEX MOBILE, ALABAMA DRAWN BY: WPD

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



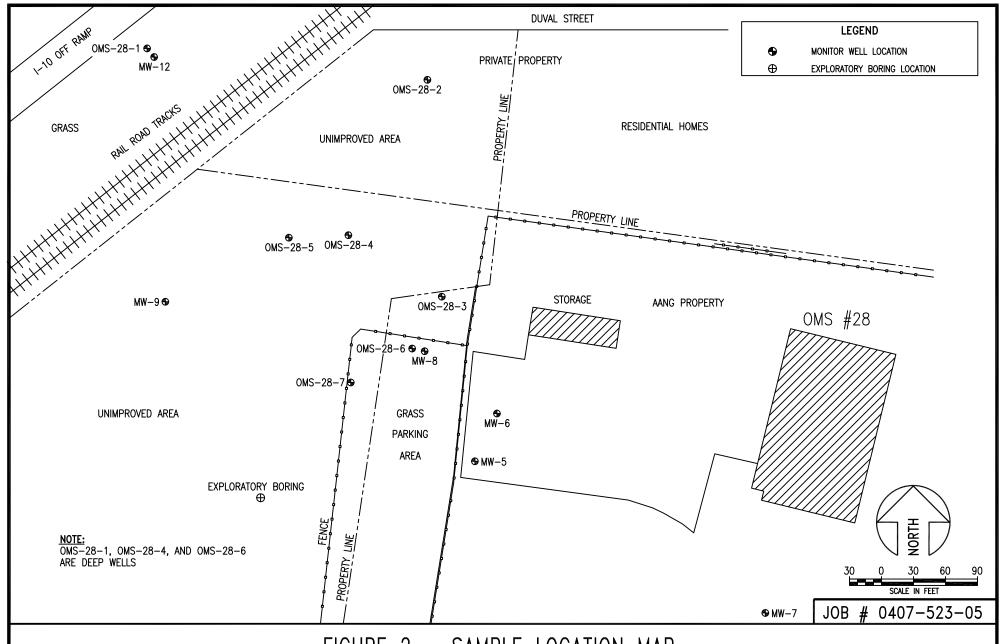




OMS #28 FORMER BROOKLEY FIELD MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008







OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

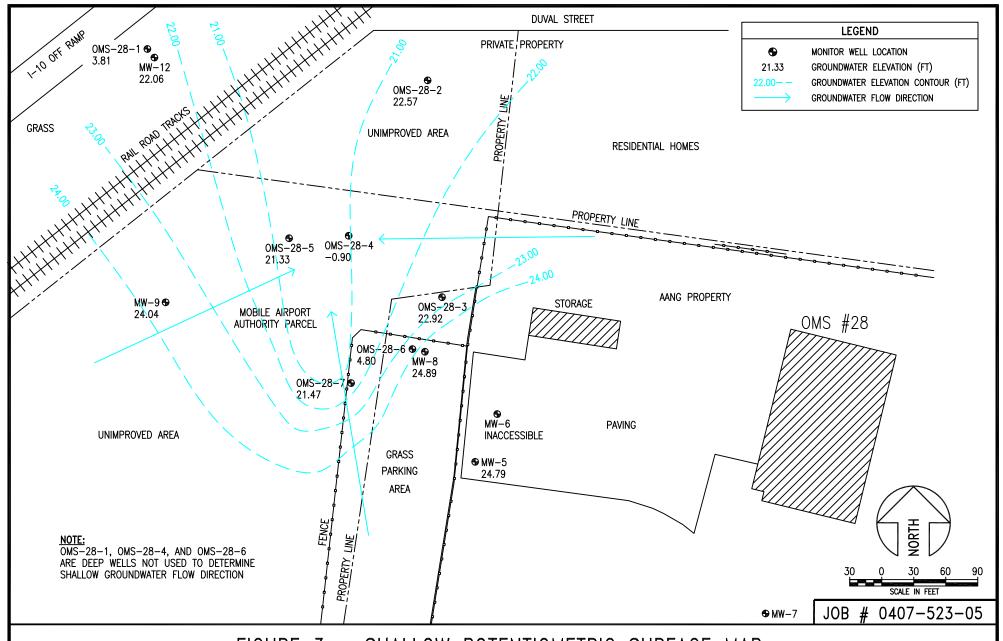


FIGURE 3 - SHALLOW POTENTIOMETRIC SURFACE MAP



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

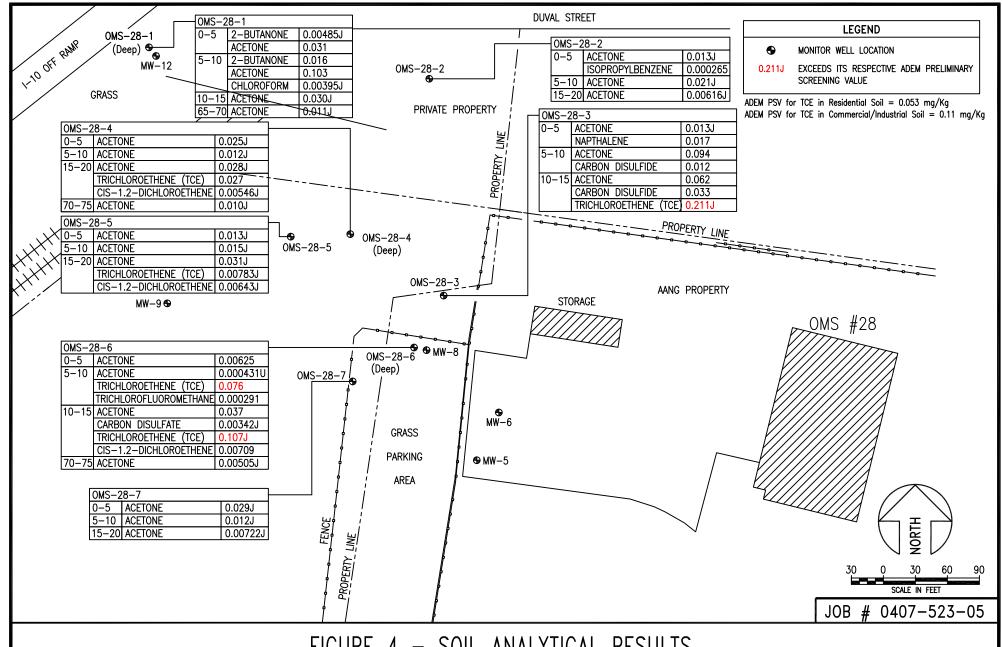
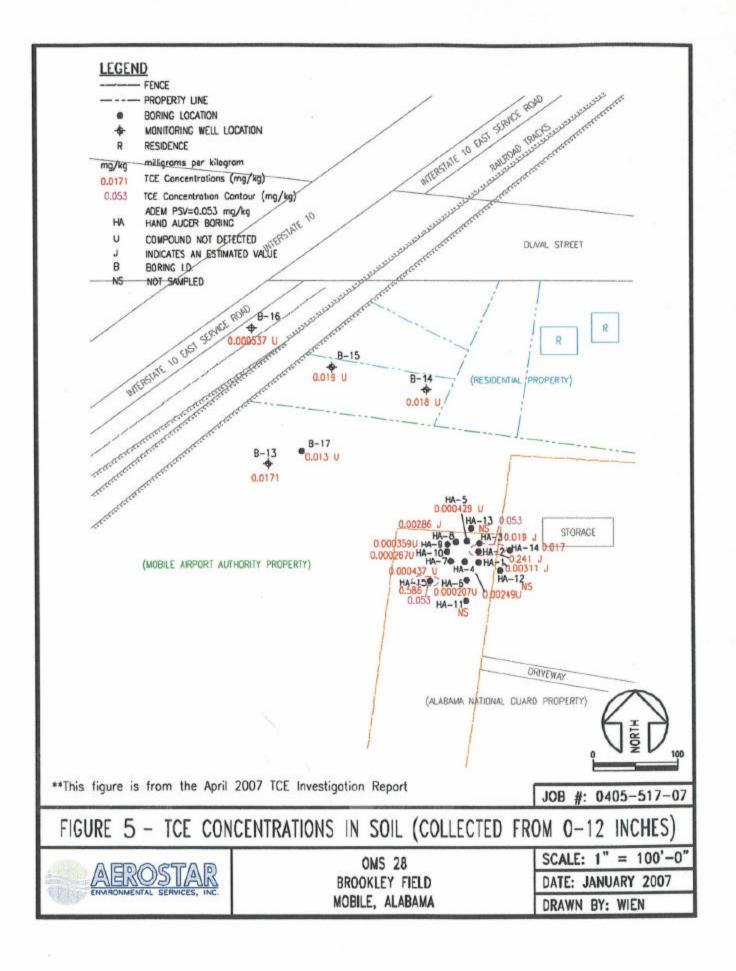


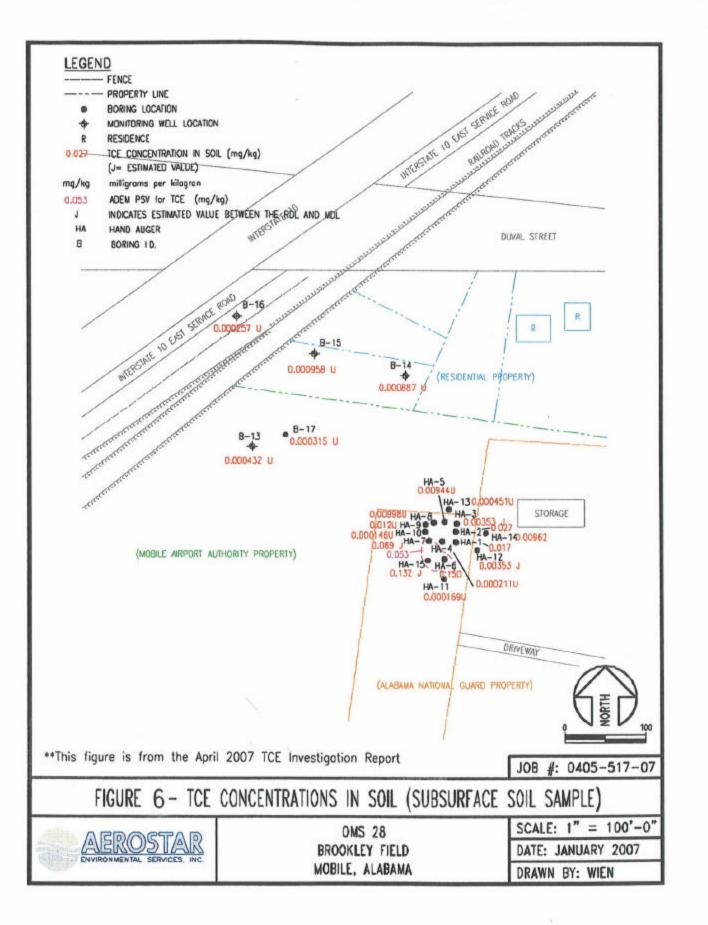
FIGURE 4 - SOIL ANALYTICAL RESULTS

OMS #28 FORMER BROOKLEY FIELD MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008





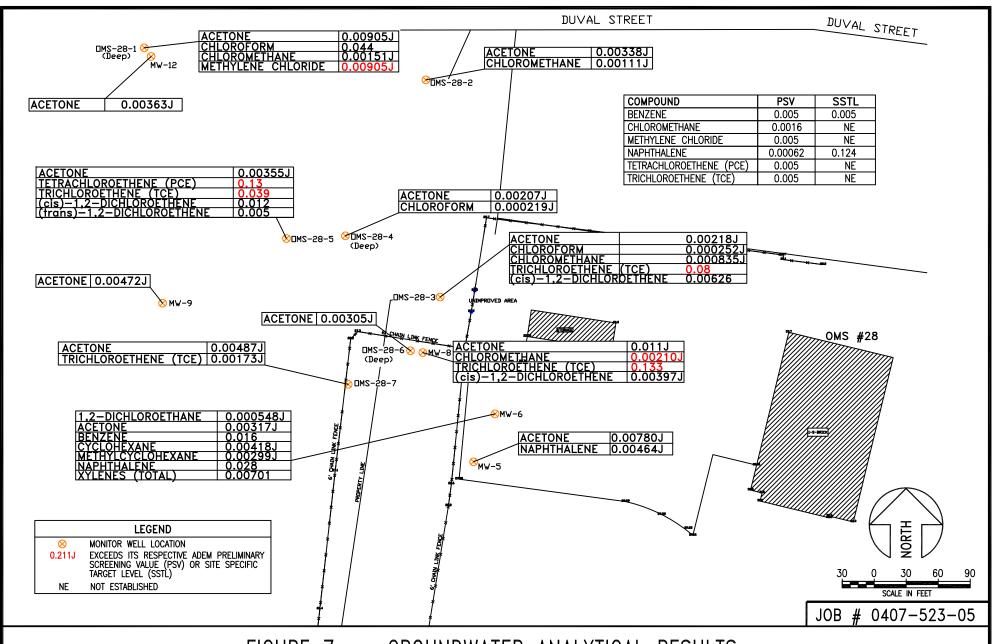


FIGURE 7 - GROUNDWATER ANALYTICAL RESULTS



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

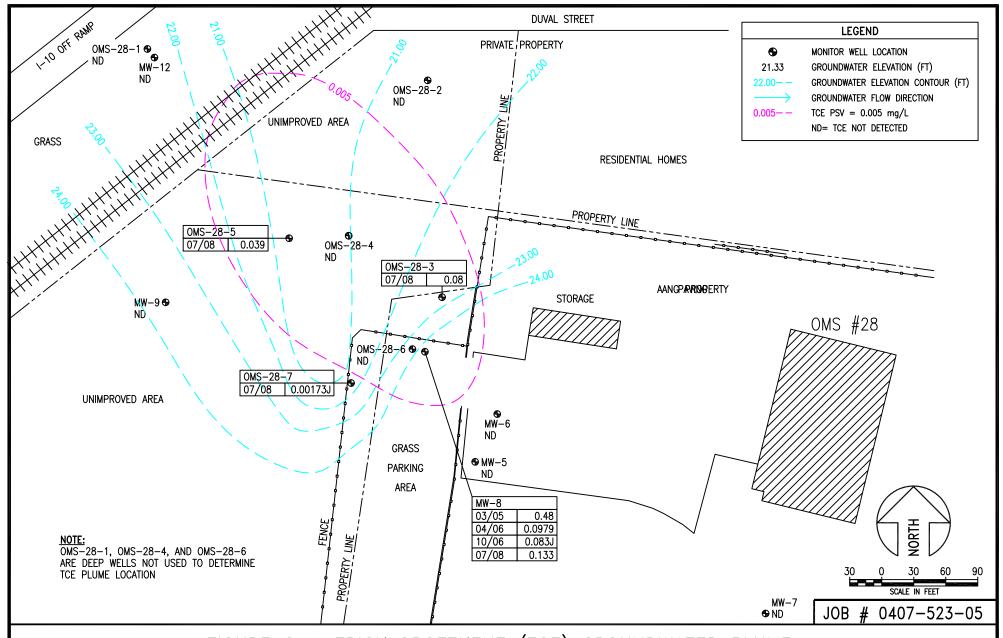


FIGURE 8 - TRICHLOROETHENE (TCE) GROUNDWATER PLUME



OMS #28
FORMER BROOKLEY FIELD
MOBILE, ALABAMA

SCALE: 1" = 90'-0"

DATE: OCTOBER 2008

APPENDIX A ADEM CORRESPONDENCE



1400 Coliseum Blvd. 36110-2059 Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700
FAX (334) 271-7950

June 28, 2007

Alabama National Guard c/o: Mr. William Turk P.O. Box 3711 Montgomery, AL 36109-0711

Dear Mr. Turk:



Organizational Maintenance Shop (OMS-28) 1622 South Broad Street Mobile, Mobile County, Alabama Groundwater Incident No. GW 07-01-02



The Alabama Department of Environmental Management is in receipt of the report entitled "TCE Comprehensive Investigation at Organizational Maintenance Shop 28." Upon review of the report, the following was determined:

- The report documents the sampling of temporary wells TW-1, TW-3, TW-4, TW-5, PZ-1 and PZ-2; however, the report does not include detailed information regarding how these wells were constructed, installed, purged and sampled during this sampling period, and if these well currently exist onsite. Additionally, the report does not include boring logs and well construction diagrams for these temporary wells. All information with respect to these wells should be submitted to ADEM for review.
- 2. The groundwater analysis collected from Direct Push Technology (DPT) wells are only deemed as screening data. Therefore, the Department agrees with the reports recommendation to install additional monitoring wells at the site to define the horizontal and vertical extent of contamination in groundwater. The Department recommends that additional monitoring wells are warranted between well MW-8 and temporary well TW-3, and in the vicinity of temporary wells TW-1 and TW-7. Additionally, due to the type of contaminant's of concern (chlorinated constituents), monitoring wells screened in a deeper groundwater producing zone or aquifer should be installed in the source area (adjacent to MW-8) and adjacent to temporary well TW-6 and monitoring well MW-12. All existing and proposed monitoring wells should be sampled for all VOCs. A work plan should be developed and submitted to ADEM for review and approval that incorporates detailed information regarding how the recommended monitoring wells will be installed, constructed, developed and sampled.
- Soil samples should be obtained from soil intervals between the upper saturated zone and the deeper saturated zone from all deep monitoring wells. Soil samples collected should be submitted to the laboratory for the analysis of all VOCs. The above requested work plan should include details regarding how all soil samples will be collected.

The report recommends developing a risk assessment in accordance with ADEM's most recent ARBCA guidance document. It should be noted that a risk assessment can not be performed until a minimum of 4 quarterly sampling events or 2 years of semi-annual sampling events have been completed. The above requested work plan should include a quarterly groundwater monitoring plan that includes how all monitoring wells will be purged and sampled for VOCs analysis. The plan should also include the submittal of quarterly monitoring reports to the Department.

Additionally, ADEM's ARBCA document has recently been revised. Therefore, the development of the risk assessment should be completed in accordance with the revised document (June 2007).

If there are any questions regarding this letter, please do not hesitate to contact me at 334/271-7964 or by Email at kdk@adem.state.al.us.

Sincerely,

Kathleen D. Keller Hydrogeologist

ADEM Hydrogeology Section

hlen D. Keller

KK/aw

File: GW106/AL National Guard - Mobile/ Mobile County/GW 07-01-02

BOB RILEY GOVERNOR

"L Environmenta

Office

Alabama Department of Environmental Management adem.alabama.gov

Post Office Box 301463 1400 Coliseum Blvd. 36110-2059 Montgomery, Alabama 36130-1463 (334) 271-7700 FAX (334) 271-7950

August 17, 2007

Alabama National Guard c/o: Mr. William Turk P.O. Box 3711 Montgomery, AL 36109-0711

Dear Mr. Turk:

Alabama National Guard Site RE:

Organizational Maintenance Shop (OMS-28)

1622 South Broad Street

Mobile, Mobile County, Alabama

Groundwater Incident No. GW 07-01-02

The Alabama Department of Environmental Management is in receipt of the State Military Department's (Joint Force Headquarters Alabama National Guard) responses to ADEM's letter dated June 28, 2007 regarding the previously submitted report "TCE Comprehensive Investigation at Organizational Maintenance Shop 28." It has been determined that all of ADEM's comments have been adequately addressed.

Upon review of the installation information and construction of temporary wells TW-1 through TW-5, it has been determined that these well were not constructed in accordance with ADEM's guidance. Therefore, these temporary wells should be properly abandoned in accordance with ADEM's well abandonment guidance (See Appendix B of the Alabama Environmental Investigation and Remediation Guidance). All casing and annulus material should be removed, contained and disposed, with the borehole grouted by tremie method from the bottom of the borehole to the land surface.

If there are any questions, please do not hesitate to contact me at 334/271-7964 or by Email at kdk@adem.state.al.us.

Sincerely.

Kathleen D. Keller

Hydrogeologist

ADEM Hydrogeology Section

KDK/pw

File: GW106/AL National Guard – Mobile/ Mobile County/GW 07-01-02



APPENDIX B SOIL BORING LOGS AND MONITOR WELL SCHEMATICS

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

										- 47	50 1 01	•	
Boring/Well N	Number	:			Permit 1	Number:	FDEP Facility Identification Number:						
ı	Explora	atory Bori	ng		N/A					N/A			
Site Name:					Boreho	le Start Da	ite: 3/24/08 I	Borehole Start T	Time:	1440	☐ A	M PM	
	O	MS-28				End Da	te: 3/25/08	End T	ime:	1325	A	M PM	
Environmenta					Geologi	ist's Name	.		Environmen	tal Tecl	nnician	's Name:	
		ROSTAR					W.P. Davis						
Drilling Comp	-	^		Paveme		iness (inch	nes): Borehole Diame		Bo	rehole I	-		
Drillina Matt	WD(<u> </u>	Annoron	t Borehol		I/A in feet	Magazard W-II DOW	4"	OVA (list	odal a		120	
Drilling Meth	oa(s): SC			soil moistu			Measured Well DTW (water recharges in w		OVA (list n Photovac M			k type): FID PID	
Disposition of		Cuttings fo				. 12 ▼ D			Stoc		[Z	Other	
(describe if of		_				Y D	rum Spread	Backfill	Stoc	крпе		Other	
Borehole Con	pletion	(check or	ne):		Well	✓ Grou	t Bentonite	Backfill		Other (d	escribe)	
Sample Depth Interval (feet) Sample Type	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size base	Description ed on USCS, odo er remarks)	rs, staining,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
sc			0		0	1 2	Dark red-brow	n silty clayey lo	am			Shelby tube sample taken at surface to represent Vadose Zone	
sc			0		0	3	Dark red-brow	n silty clayey loa	am				
sc			0		0	5 6	At 5 feet BGS, a mottle medium graine	ed light gray and d sand is obser					
sc			0		0	7 8	Mottled light gray and light	ight brown med sand	ium grained				
sc			0		0	9 10	Mottled light gray and light	ight brown med sand	ium grained				
sc			0		0	11 12	Mottled light gray and l	ight brown medi sand	ium grained			Shelby tube sample taken at 12 feet BGS to represent 1st Saturation Zone	
Sample Type Conte					-	_	Spoon; $ST = Shelby Tube;$	DP = Direct Pu	sh; SC = Sor	nic Core;	DC =	Drill Cuttings	

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

											- 47	50 1 01		
Boring/V	Vell N	umber	:			Permit ?	Number:	FDEP Facility Identification Number:						
		OM	1S-28-7					N/A		N/A				
Site Nam	ne:					Borehole Start Date: 3/26/08 Borehole Start Ti					1530	A	M PM	
		OI	MS-28				End Da	te: 3/26/08	Fime: 1605 ☐ AM ✓ PM					
Environn	nental					Geologi	ist's Name			Environme	Environmental Technician's Name:			
			ROSTAR					W.P. Davis						
Drilling (Comp	-	_		Paveme		kness (inch	nes): Borehole Dian	neter (inches): 4"	В	orehole l	-		
WDC Drilling Method(s): Apparent Bore							I/A in feet	Measured Well DTW		OVA (list 1	nodal an		20	
Diffilling		id(s). SC	ļ			ire content)			`	Photovac M			FID PID	
Dispositi			Cuttings [c	check me	ethod(s)]]:	▼ D		Backfill	Stor	kpile		Other	
-			multiple it			_		Spread	Backin	5100	крис		Other	
Borehole	e Com	pletion	ı (check oı	ne):	V	Well	✓ Grou	Bentonite	Backfil	1	Other (d	escribe)	
Sample Type	Sample Depth	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size ba	e Description sed on USCS, odo ther remarks)	rs, staining,	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
sc				0		0	1	Red-brown	sandy, clayey, loa	am	Gr			
sc				0		0	3	Red-brown	sandy, clayey, loa	am	Grout		Sample taken from the 0-5 foot interval at 13:45	
sc				0		0	5	Stiff, ligh	t brown silty clay		Bento	Riser		
sc				0		0	7 8	Stiff, ligh	t brown silty clay		ionite		Sample taken from the 5-10 foot interval at 13:50	
sc				0		0	9 10	Stiff, ligh	t brown silty clay		Sa			
sc				0		0	11	Stiff, light brown silty clay						
						-	SS = Split S S = Satura	Spoon; ST = Shelby Tub	e; DP = Direct Pu	ish; SC = Sc	nic Core;	DC =	Drill Cuttings	

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

											50 1 01	-
Boring/Well	:			Permit 1	Number:	FDEP Facility Identification Number:						
	ON	/IS-28-6				N/A						
Site Name:					Borehole Start Date: 3/28/08 Borehole Start T					1300		M PM
		MS-28				End Da		End 7		1440	Π A	
Environment		actor: ROSTAR			Geologi	ist's Name	e: W.P. Davis		Environmen	tal Tecl	nnician	's Name:
Drilling Com				Paveme	ent Thick	ness (inch		neter (inches):	Во	rehole l	Depth (feet):
	WD	С			N	I/A		4"				75'
Drilling Meth			Apparen	t Boreho	le DTW (i		Measured Well DTV	V (in feet after	OVA (list m	odel an	d checl	k type):
	SC				ire content)	: 14	water recharges in	well):	Photovac Mi	croFID	V	FID 🔲 PID
Disposition of the describe if o		-			_	V D	rum Spread	Backfill	Stoc	kpile		Other
Borehole Cor	npletior	ı (check o	ne):		Well	✓ Grou	Bentonite	Backfil	1	Other (d	lescribe)
Sample Depth Interval (feet) Sample Type	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size ba	e Description ised on USCS, odo ther remarks)	rs, staining,	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
sc			26.0	1.5	24.5	1 2	Dark brow	Dark brown silty clayey loam				Sample taken from the 0-5 foot interval at 11:.00
sc			26.0	1.5	24.5	3 4	Dark brow	n silty clayey loar	m			
sc			10.0	0.0	10.0	5 6	Tan	clayey sand		Gr	Riser	
sc			10.0	0.0	10.0	7 8	Tan	Tan clayey sand				Sample taken from the 5-10 foot interval at 11:10
sc			10.0	0.0	10.0	9 10	Tan clayey sand					
sc			23.0	2.0	21.0	11 12	Medium gray silty clay					
Sample Type C						SS = Split S	Spoon; ST = Shelby Tub	e; DP = Direct Pu	ish; SC = Sor	ic Core;	DC =	Drill Cuttings

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ENVIRONMENTAL SERVICES, INC.

SOIL BORING LOG Page 1 of 2

											Pa	ge 1 or		
Boring/Well Number:						Permit	Number:		FDEP Facil	FDEP Facility Identification Number:				
		OM	IS-28-5			N/A					N/A			
Site Na	ame:					Boreho	le Start Da	ate: 3/27/08	Borehole Start					
			MS-28				End Da		End 7		1100	▼ A		
Enviro	nmental			-	-	Geolog	ist's Name			Environmen	ental Technician's Name:			
D	-		ROSTAR		ь			W.P. Davis		<u> </u>	1 1 -	<u> </u>		
Drillin	g Comp	any: WD0	_		Paveme		kness (inch I/A	nes): Borehole Dia	ameter (inches):	Bo	orehole I	_	feet): 20	
Drillin	g Metho		,	Apparen	t Borehol	le DTW (Measured Well DT	W (in feet after	OVA (list n	nodel an			
اللللللادم	-	SC				re content)				Photovac M			FID PID	
Dispos			Cuttings [c				▼ D		Backfill	Stoc			Other	
_			multiple it				V D	Spread	Backilli	5100	крпе		Other	
Boreho	ole Com	pletion	(check or	ne):	V	Well	✓ Grou	t Bentonite	Backfil	1	Other (d	lescribe	e)	
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size l	ole Description pased on USCS, odo other remarks)	rs, staining,	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
sc				0		0	1	Reddis	sh-brown silty clay		Gr			
sc				0		0	3	Reddis	sh-brown silty clay		Grout	Riser	Sample taken from the 0-5 foot interval at 10:45Dup #2 also taken	
sc				0		0	5	Stiff	red-brown clay		Bentonite			
sc				0	-	0	7 8	Stiff	Stiff red-brown clay				Sample taken from the 5-10 foot interval at 10:50	
sc				0		0	9 10	Stiff	Stiff red-brown clay					
sc				0		0	11 12	Stiff	red-brown clay	Sand	Screen			
_						-		Spoon; ST = Shelby Tuted	ube; DP = Direct Pu	ush; $SC = So$	nic Core;	DC =	Drill Cuttings	

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

											50 1 01	-	
Boring/Well				Permit 1	Number:	FDEP Facility Identification Number:							
	ON	/IS-28-4					N/A						
Site Name:					Borehole Start Date: 3/27/08 Borehole Start T					1300		M PM	
	0	MS-28				End Da		End 7	ime: 1440 ☐ AM 🔽 PM				
Environment		actor: ROSTAR			Geologi	ist's Name	e: W.P. Davis		Environmer	Environmental Technician's Name:			
Drilling Con				Paveme	ent Thick	ness (inch		neter (inches):	Вс	rehole l	Depth (feet):	
Ü	WD	С				I/A		4"			_	75' [^]	
Drilling Metl	nod(s):		Apparen	it Boreho	le DTW (i	in feet	Measured Well DTV	V (in feet after	OVA (list n	nodel an	d checl	k type):	
	SC		from	soil moistu	re content)	: 12	water recharges in	well):	Photovac M	croFID	~	FID PID	
Disposition of the describe if of the describe if the describe		-				V D	rum Spread	Backfill	Stoc	kpile		Other	
Borehole Co	mpletior	ı (check o	ne):		Well	✓ Grou	Bentonite	Backfil	1	Other (d	lescribe)	
Sample Depth Interval (feet) Sample Type	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size ba	e Description sed on USCS, odo ther remarks)	rs, staining,	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
SC			1.8	0.0	1.8	1	Light r	ed-brown clay.				Sample taken from the 0-5 foot interval at 13:20Dup #3 also taken.	
sc			1.8	0.0	1.8	3 4	Light r	ed-brown clay.					
sc			1.0	0.0	1.0	5	Gray	clayey sand.		Gro	Riser		
sc			1.0	0.0	1.0	7 8	Gray	clayey sand.		out	Sample taken from the 5-10 foot interval at 13:30		
SC			1.0	0.0	1.0	9 10	Gray	clayey sand.					
sc			2.9	0.0	2.9	11 12	Gray	clayey sand.					
Sample Type (Spoon; ST = Shelby Tub	be; $\mathbf{DP} = \text{Direct Pu}$	SC = So	nic Core;	DC =	Drill Cuttings	

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											P	age I of	<u> 2</u>	
Boring/Well N	:			Permit Number: FDEP						DEP Facility Identification Number:				
	OM	1S-28-3						N/A		N/A				
Site Name:					Borehole Start Date: 3/26/08 Borehol				Borehole Start 7					
	OI	MS-28				End Da	ite:	3/26/08	End T	ime:	1345		AM PM	
Environmental					Geologi	ist's Name				Environm	Environmental Technician's Name:			
		ROSTAR		<u></u>				.P. Davis					(2)	
Drilling Comp	any: WD0	_		Paveme		cness (inch I/A	nes):	Borehole Diar	neter (inches):		Borehole	e Depth	(feet): 20	
Drilling Metho			Apparen	t Borehol	le DTW (i		Mar	asured Well DTV	V (in fact after	OVA (list	t model :	and chec		
-	SC				ire content)			ater recharges in		Photovac			FID PID	
Disposition of		Cuttings [c	heck me	ethod(s)]:	▼ D		Spread	Backfill	□ St	ockpile	- I	Other	
(describe if oti		_					Tuili	Spread	Dackim	1 50	оскрис		Other	
Borehole Com	pletion	(check or	ne):	V	Well	✓ Grou	ıt	▼ Bentonite	Backfil	l	Other	(describe	e)	
Sample Depth Interval (feet) Sample Type	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(inclu	ıde grain size ba	e Description sed on USCS, odo ther remarks)	rs, staining	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
sc			0		0	1		Light brow	n silty clayey loan	n	Grout			
sc			0		0	3		Light brow	n silty clayey loan	n	out		Sample taken from the 0-5 foot interval at 13:20	
sc			0		0	5		Light brow	n silty clayey loar	n	Bent	Riser		
sc			0		0	7 8		Very moist	dark gray silty cla	ay	Bentonite		Sample taken from the 5-10 foot interval at 13:25	
sc			0		0	9 10		Very moist	dark gray silty cla	ay	Sand			
sc			0		0	11	Мо	ottled gray and	orange clayey sai	nd. Wet				
Sample Type Co Moisture Conter					-	SS = Split S	_	ST = Shelby Tub	e; DP = Direct Pu	sh; $\mathbf{SC} = \mathbf{S}$	Sonic Co	e; DC =	Drill Cuttings	

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

SOIL BORING LOG Page 1 of 2

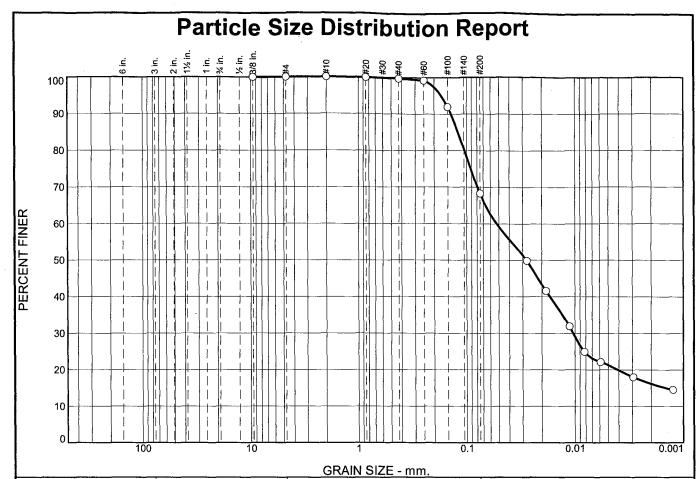
•												Pa	ge 1 or	
Boring	/Well N	lumber	:			Permit	Number:				FDEP Fac	ility Iden	tificati	on Number:
OMS-28-2						N/A					N/A			
Site Na	ame:					Boreho	le Start Da	ate:	3/27/08	Borehole Start	Гіте:	0830	V	
OMS-28						End Da	ite:	3/27/08	End T	Time: 0845 🔽 AM 🗌 PM			AM PM	
Enviro	nmental	l Contra	actor:			Geolog	ist's Name	e:			Environme	ental Tec	hnician	's Name:
			ROSTAR						P. Davis					
Drillin	g Comp	-			Paveme		kness (inch	nes):	Borehole Dia	meter (inches):	F	Borehole	Depth (
		WDO	2				I/A			4"				20
Drillin	g Metho	od(s): SC				le DTW (W (in feet after	OVA (list			. –
Diano			Cuttings [c			re content)			ater recharges in		Photovac			FID PID
_			nultiple it				V D	rum	Spread	Backfill	Sto	ockpile		Other
Boreho	ole Com	pletion	(check or	ne):	V	Well	▼ Grou	ıt	Bentonite	Backfil	1	Other (d	describe)
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(includ	Sample Description clude grain size based on USCS, odors, staining, and other remarks)				Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
sc				0	I	0	1 2		Reddish-br	own silty clayey lo	am	Grout		
sc				0		0	3		Reddish-br	own silty clayey lo	clayey loam			Sample taken from the 0-5 foot interval at 08:45Dup #1 & Split Sample also taken
sc				0		0	5		Stiff li	ight brown clay.		Bento	Riser	
sc				0	I	0	7 8		Stiff li	ght brown clay.				Sample taken from the 5-10 foot interval at 08:50 Split Sample also taken
sc				0		0	9 10		Stiff li	ight brown clay.	Sand			
sc				0		0	11 12		Light brown clay. Very moist				Screen	
_						_		_	ST = Shelby Tu	be; DP = Direct Pu	ish; SC = S	onic Core	; D C =	Drill Cuttings

Florida Department of Environmental Protection - Division of Waste Management - Bureau of Petroleum Storage Systems

AEROSTAR
ENVIRONMENTAL SERVICES, INC.

ENVIRONMENTAL SERVICES, INC.									Pag	ge 1 of	5		
Boring/Well Number: Permit Number:]	FDEP Facilit	y Ident	ificatio	on Number:	
		OM	IS-28-1					N/A				N/A	
Site Na	ame:		MS-28			Borehol	le Start Da End Da		orehole Start T End Ti		730 400	▼ A □ A	
Enviro	nmental					Geologi	ist's Name			Environment			
Liiviio	Time ma		OSTAR			Geologi	or o rvanie	W.P. Davis		Zii vii oiii ioii	1001	inician	s rume.
Drillin	g Comp	-			Paveme		ness (inch	es): Borehole Diamete		Bor	ehole I	Depth (
Drillin	g Metho	WD()	Apparent	t Borehol		I/A	Measured Well DTW (in	8"	OVA (list mo	odal an		80 (type):
Dillilli	_	SC			oil moistur			,		Photovac Mic			FID PID
_			Cuttings [c				▼ D	rum Spread	Backfill	Stock	pile		Other
Boreho	ole Com	pletion	(check or	ne):	V ,	Well	✓ Grou	t Bentonite	Backfill	Γο	ther (d	escribe)
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(include grain size based	Description on USCS, odor r remarks)	s, staining,	Well Completion	Well Construction	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
sc				0		0	1 2	Reddish-brown	silty clayey loa	m			
sc				0	1	0	3	Reddish-brown	silty clayey loa	m			Sample taken from the 0-5 foot interval at 10:00
sc				0	-	0	5 6	Dark gray	/ silty loam	G _r		Ri	
sc				0	1	0	7 8	Dark gray silty loam Dark gray silty loam				Riser	Sample taken from the 5-10 foot interval at 10:05
sc				0		0	9 10						
sc				0		0	11 12	Red-brown clayey sand Red-brown clayey sand the 10-7 interval a					Sample taken from the 10-15 foot interval at 10:10
_						_	SS = Split S S = Satura	Spoon; ST = Shelby Tube; Ited	DP = Direct Pus	h; SC = Soni	c Core;	DC =	Drill Cuttings

APPENDIX C SOIL GEOTECHNICAL LABORATORY RESULTS



% +3"	% Gr	avel		% Sand		% Fines		
76 T 3	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	
0.0	0.0	0.0	0.0	0.3	31.4	47.0	21.3	

SIEVE	PERCENT	SPEC.*	PASS?
SIZE	FINER	PERCENT	(X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.9		
#40	99.7		
#60	99.2		
#100	91.9		
#200	68.3		
		1	
	}		
			1
			1

Material Description

Dark grayish brown and yellowish brown CLAYEY fine SAND, with trace ORGANICS

Atterberg Limits LL=	PI=
$\begin{array}{c} \underline{\text{Coefficients}} \\ \text{D}_{60} = 0.0523 \\ \text{D}_{15} = 0.0014 \\ \text{C}_{\text{c}} = \end{array}$	D ₅₀ = 0.0277 D ₁₀ =
Classification AASHTO	=
Remarks	
	Coefficients D60= 0.0523 D15= 0.0014 Cc= Classification AASHTO

(no specification provided)

Location: Surface Sample Number: Lab #

Date: 4/5/08

Thompson Engineering

Client: Aerostar Project: OMS 28

Mobile, Alabama

Project No: 0821230019

Figure



CLIENT: Aerostar PROJECT: OMS 28

JOB #: 08-2123-0019

LAB #:

REPORT OF: LABORATORY DETERMINATION OF BULK DENSITY, POROSITY, MOISTURE **CONTENT, and SPECIFIC GRAVITY**

SAMPLE IDENTIFICATION: SURFACE

SAMPLE DESCRIPTION: Dark grayish brown and yellowish brown CLAYEY fine SAND, with trace OR

DATES

TECHNICIAN

SAMPLED: 3/28/08 SAMPLED: Client

3/31/08 TESTED:

TESTED: R.B.

.... LABORATORY RESULTS

(a): SAMPLE HEIGHT (cm):	13.970
(b): SAMPLE DIAMETER (cm):	7.036
(c): SAMPLE AREA (cm^2):	38.881
(d): SAMPLE VOLUME (cm ³):	543.173
(e): MASS OF WET SPECIMEN (g):	1215.69
(f): MASS OF DRY SPECIMEN (g):	1026.23
(g): MASS OF CONTAINER (g):	404.85
(h): MASS OF CONTAINER & WET SAMPLE (g):	1620.54
(i): MASS OF CONTAINER & DRY SAMPLE (g):	1431.08
(j): MASS OF WATER (g):	189.46
(k): MASS OF DRY SAMPLE (g):	1026.23
(I): WATER CONTENT (%):	18.46
(m): WET BULK DENSITY (PCF):	139.66
(n): DRY BULK DENSITY (PCF):	117.89
(o): SPECIFITY GRAVITY OF SOIL	2.647
(p): VOLUME OF SOIL:	387.70
(q): VOLUME OF VOIDS:	155.48
(r): VOID RATIO:	0.40
(s): POROSITY:	0.29

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MEASUREMENT OF HYDRAULIC CONDUCTIVITY OF SATURATED POROUS MATERIALS USING A FLEXIBLE WALL PERMEAMETER

ASTM D-5084

Project No.: 08-2123-0019

Sample No.:

Surface

Completion Date:

4/15/2008

2.66

Technician:

J. Maddox

Specimen Visual Description: Yellowish brown CLAYEY SAND (SC)

Est. Vertical Eff		Penetrometer Unconfined
;	N/A	Compressive Strength (psf):
Fin	440.10	Initial Moist Wt. (gms):
Final Mo	15.34	Initial Moisture Content (%):
Final Mois	135.1	Initial Moist Unit Weight (pcf):
Final Dry	117.1	Initial Dry Unit Weight (pcf):
F	0.417	Initial Void Ratio (e):
Final Day	07.0	Initial Day of Cotumotion (9/)

fective Stress (psf): Sample Depth (Ft.): 0.0

> nal Moist Wt. (gms): 440.67 oisture Content (%): 16.46 st Unit Weight (pcf): 135.29 ry Unit Weight (pcf): 116.2

Final Void Ratio (e): 0.429 Final Deg of Saturation (%): 102.1

SPECIMEN SATURATION

Date / Time Initiated: Date / Time Completed: Back-Pressure Duration(min):

Specific Gravity of Solids:

4/11/2008 15:20 4/16/2008 8:30 6790

Final Chamber Pressure (psi): Final Back-Pressure (psi):

Resulting B Value:

52.0 50.0 0.99

SPECIMEN CONSOLIDATION

Date / Time Initiated: Date / Time Completed:

Initial Specimen Volume (cc): 203.16 Initial Specimen Height (cm): 5.501 Initial Specimen Diam (cm): 6.858

Final Chamber Pressure (psi): Final Back-Pressure (psi):

Actual Vertical Effective Stress (psf):

52.0 50.0 288.0

Final Specimen Volume (cc): 203.16 Final Specimen Height (cm): Final Specimen Diam (cm):

5.501 6.858

CHAMBER	ELAPSED	VOLUME
BURETTE	TIME	CHANGE
<u>(ml)</u>	<u>(min)</u>	<u>(cc)</u>
14.20	0.00	0.00
14.20	0.10	0.00
14.20	0.25	0.00
14.20	0.50	0.00
14.20	1.00	0.00
14.20	2.00	0.00
14.20	4.00	0.00
14.20	8.00	0.00
14.20	15.00	0.00
14.20	30.00	0.00
14.20	60.00	0.00
14.20	120.00	0.00
14.20	240.00	0.00
14.20	480.00	0.00
14.20	1440.00	0.00

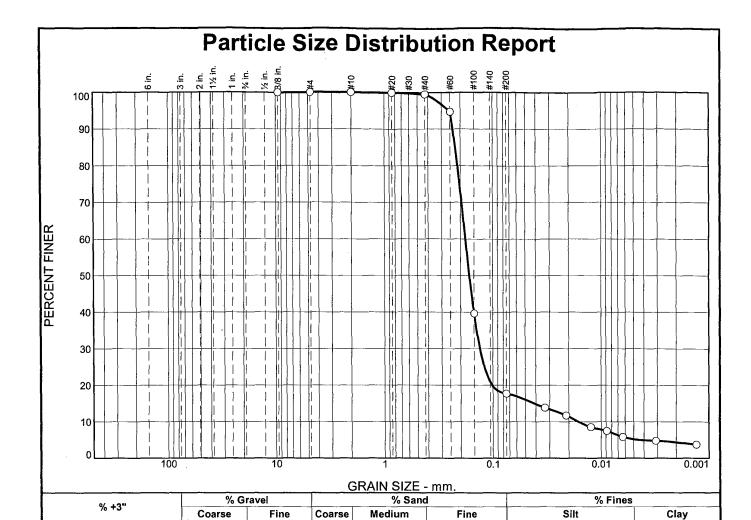
ELAPSED TIME (min) 10000.0 0.1 1.0 10.0 100.0 1000.0 0.0 * 0.1 ® 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 SPECIMEN CONSOLIDATION

SPECIMEN PERMEATIO	N_			Date /	Time Initiated:	4/16/2008	8:34		
E1	APSED	CHAMBER	CHAMBER	VOLUME	INFLUENT	REGULATED INFLUENT	EFFLUENT	EFFLUENT REGULATED	
	IIME	BURETTE	PRESSURE	CHANGE	BURETTE	PRESSURE	BURETTE	PRESSURE	TEMP.
	min)	<u>(ml)</u>	(psi)	(cc)	<u>(mi)</u>	(psi)	<u>(ml)</u>	(psi)	(deg. C)
_	0	14.2	27.0	0.0	0.4	25.0	24.7	25.0	21.5
	66	14.2	27.0	0.0	3.2	25.0	21.8	25.0	21.0
	104	14.2	27.0	0.0	4.8	25.0	20.1	25.0	21.0
	135	14.2	27.0	0.0	6.1	25.0	18.9	25.0	21.5
	158	14.2	27.0	0.0	6.9	25.0	18.1	25.0	21.5
	204	14.2	27.0	0.0	8.2	25.0	16.7	25.0	22.0
	342	14.2	27.0	0.0	10.5	25.0	14.5	25.0	22.5

342	14.2	21.0	0,0	10.5	25.0	14.5	20.0	22.5
ELAPSED	INFLUENT	EFFLUENT	SPECIMEN	SPECIMEN		WATER		PERMEABILITY
TIME	HEAD	HEAD	HEIGHT	DIAMETER	GRADIENT	VISCOSITY		cm/sec
<u>(min)</u>	<u>(cm)</u>	<u>(cm)</u>	<u>(cm)</u>	<u>(cm)</u>	<u>(h/l)</u>	CORRECTION		(k, 20 Deg. C)
0	1791.8	1763.5	5.50	6.86	5.1	0.9678		
66	1788.4	1766.9	5.50	6.86	3.9	0.9801		5.17E-06
104	1786.6	1768.8	5.50	6.86	3.2	0.9801		6.55E-06
135	1785.1	1770.2	5.50	6.86	2.7	0.9678		7.29E-06
158	1784.2	1771.2	5.50	6.86	2.4	0.9678		7.31E-06
204	1782.6	1772.8	5.50	6.86	1.8	0.9556		7,50E-06
342	1780.0	1775.4	5.50	6.86	0.8	0.9433		6.86E-06

AVERAGE PERMEABILITY (cm/sec):

6.78E-06



SIEVE	PERCENT	SPEC.*	PASS?
SIZE	FINER	PERCENT	(X=NO)
.375	100.0	1	
#4	100.0		
#10	100.0		
#20	99.9		
#40	99.5		ļ.
#60	94.7		
#100	39.7		
#200	17.7		İ .
l			
Ì)		5
			1
1)
			1

0.0

0.0

0.0

0.5

81.8

· ·	Material Description	on
Yellowish brown	n SILTY fine SAND	
PL=	Atterberg Limits LL=	PI=
D ₈₅ = 0.2234 D ₃₀ = 0.1323 C _u = 11.13	Coefficients $D_{60} = 0.1802$ $D_{15} = 0.0412$ $C_{c} = 6.00$	D ₅₀ = 0.1656 D ₁₀ = 0.0162
USCS= SM	Classification AASHT	·O=
	Remarks	

12.5

(no specification provided)

0.0

Location: 10 Foot **Sample Number:** Lab #

Date: 4/5/08

5.2

Thompson Engineering

Client: Aerostar Project: OMS 28

Mobile, Alabama

Project No: 0821230019

Figure



CLIENT: Aerostar PROJECT: OMS 28

JOB #: 08-2123-0019

LAB #:

REPORT OF: LABORATORY DETERMINATION OF BULK DENSITY, POROSITY, MOISTURE **CONTENT, and SPECIFIC GRAVITY**

SAMPLE IDENTIFICATION: 10 - FOOT

SAMPLE DESCRIPTION: Yellowish brown SILTY fine SAND

DATES

SAMPLED:

TESTED:

3/28/08

3/31/08

TECHNICIAN

SAMPLED: Client

TESTED: R.B.

.... LABORATORY RESULTS

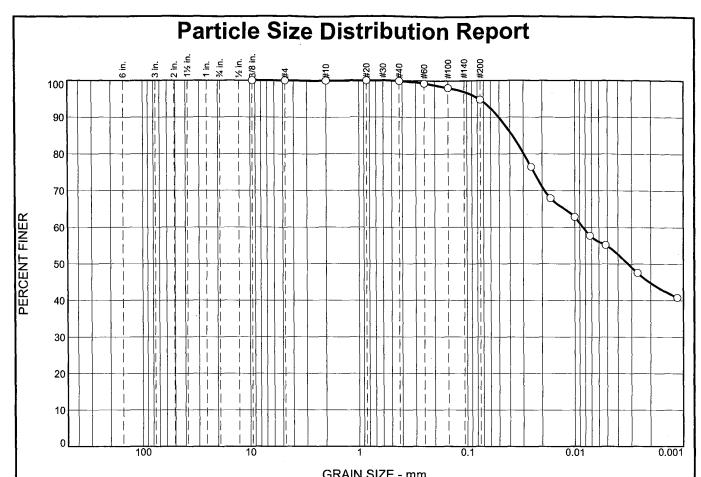
(a): SAMPLE HEIGHT (cm):	13.440
(b): SAMPLE DIAMETER (cm):	6.970
(c): SAMPLE AREA (cm^2):	38.155
(d): SAMPLE VOLUME (cm^3):	512.808
(e): MASS OF WET SPECIMEN (g):	1061.86
(f): MASS OF DRY SPECIMEN (g):	863.04
(g): MASS OF CONTAINER (g):	392.60
(h): MASS OF CONTAINER & WET SAMPLE (g):	1454.46
(i): MASS OF CONTAINER & DRY SAMPLE (g):	1255.64
(j): MASS OF WATER (g):	198.82
(k): MASS OF DRY SAMPLE (g):	863.04
(I): WATER CONTENT (%):	23.04
(m): WET BULK DENSITY (PCF):	129.21
(n): DRY BULK DENSITY (PCF):	105.02
(o): SPECIFITY GRAVITY OF SOIL	2.623
(p): VOLUME OF SOIL:	329.03
(q): VOLUME OF VOIDS:	183.78
(r): VOID RATIO:	0.56
(s): POROSITY:	0.36

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OTAM OIZE - IIIII.								
% Gra	avel	% Sand			% Fines			
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay		
0.0	0.0	0.0	0.2	5.0	39.9	54.9		
	Coarse		% Gravel Coarse Fine Coarse	% Gravel % Sand Coarse Fine Coarse Medium	% Gravel % Sand Coarse Fine Coarse Medium Fine	% Gravel % Sand % Fine Coarse Medium Fine Silt		

SIEVE	PERCENT	SPEC.*	PASS?
SIZE	FINER	PERCENT	(X=NO)
.375	100.0		
#4	100.0		
#10	100.0	1	
#20	100.0		
#40	99.8	1	
#60	99.3		
#100	98.1		
#200	94.8		
1			
			1
į.			,
1			`` .
]

Gray CLAY	Material Description	<u>on</u>
PL=	Atterberg Limits	PI=
D ₈₅ = 0.0378 D ₃₀ = C _u =	$\begin{array}{c} \underline{\text{Coefficients}} \\ \text{D}_{60} = 0.0084 \\ \text{D}_{15} = \\ \text{C}_{\text{C}} = \end{array}$	D ₅₀ = 0.0032 D ₁₀ =
USCS= CL	<u>Classification</u> AASHT	·O=
	Remarks	

(no specification provided)

Location: 35 Foot **Sample Number:** Lab #

Date: 4/5/08

Thompson Engineering

Client: Aerostar Project: OMS 28

Mobile, Alabama

Project No: 0821230019

Figure



CLIENT: Aerostar PROJECT: OMS 28

JOB #: 08-2123-0019

LAB #:

REPORT OF: LABORATORY DETERMINATION OF BULK DENSITY, POROSITY, MOISTURE **CONTENT, and SPECIFIC GRAVITY**

SAMPLE IDENTIFICATION: 35 - FOOT SAMPLE DESCRIPTION: Gray CLAY

DATES

TECHNICIAN

SAMPLED: 3/28/08 SAMPLED: Client

TESTED: 3/31/08

TESTED: R.B.

.... LABORATORY RESULTS

(a): SAMPLE HEIGHT (cm):	13.840
(b): SAMPLE DIAMETER (cm):	6.990
(c): SAMPLE AREA (cm^2):	38.375
(d): SAMPLE VOLUME (cm ³):	531.105
(e): MASS OF WET SPECIMEN (g):	1083.51
(f): MASS OF DRY SPECIMEN (g):	800.87
(g): MASS OF CONTAINER (g):	409.15
(h): MASS OF CONTAINER & WET SAMPLE (g):	1492.66
(i): MASS OF CONTAINER & DRY SAMPLE (g):	1210.02
(j): MASS OF WATER (g):	282.64
(k): MASS OF DRY SAMPLE (g):	800.87
(I): WATER CONTENT (%):	35.29
(m): WET BULK DENSITY (PCF):	127.30
(n): DRY BULK DENSITY (PCF):	94.10
(o): SPECIFITY GRAVITY OF SOIL	2.662
(p): VOLUME OF SOIL:	300.85
(q): VOLUME OF VOIDS:	230.25
(r): VOID RATIO:	0.77
(s): POROSITY:	0.43

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MEASUREMENT OF HYDRAULIC CONDUCTIVITY OF SATURATED POROUS MATERIALS **USING A FLEXIBLE WALL PERMEAMETER ASTM D-5084**

Project No.: 08-2123-0019

Sample No.:

35 ft

npletion Date:

4/15/2008

Technician:

J. Maddox

all Description: Gray CLAY with SAND lenses and trace ORGANICS

eter Unconfined Strength (psf):	N/A
floist Wt. (gms):	357.20

Est. Vertical Effective Stress (psf):

Sample Depth (Ft.):

0.0 355.76

35.23 re Content (%): nit Weight (pcf): 117.1 nit Weight (pcf): 86.6 I Void Ratio (e): 0.917

Final Moist Wt. (gms): Final Moisture Content (%): Final Moist Unit Weight (pcf):

39.96 116.60 83.3

Saturation (%): 102.2 ravity of Solids: 2.66

Final Dry Unit Weight (pcf): Final Void Ratio (e):

0.992 Final Deg of Saturation (%): 107.1

RATION / Time Initiated: me Completed:

4/9/2008 15:00 4/10/2008 15:08 1448

Final Chamber Pressure (psi): Final Back-Pressure (psi): Resulting B Value: 52.0 50.0 0.99

Duration(min): OLIDATION

/ Time Initiated:

me Completed;

11.30

EATION

Final Chamber Pressure (psi): Final Back-Pressure (psi): Actual Vertical Effective Stress (psf):

52.0 50.0 288.0

190.30 ∍n Volume (cc): en Height (cm): 5.242

Final Specimen Volume (cc): Final Specimen Height (cm):

190.30 5.242

7:48

nen Diam (cm): 6.799

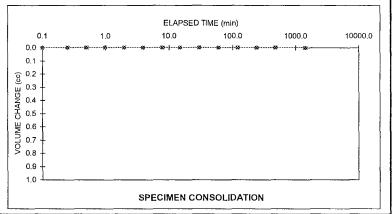
Final Specimen Diam (cm): 6.799

ELAPSED CHAMBER VOLUME CHANGE BURETTE TIME (ml) (min) (cc) 0.00 0.00 11.30 0.00 11.30 0.10 11.30 0.25 0.00 11.30 0.50 0.00 11.30 1.00 0.00 2.00 0.00 11.30 0.00 11.30 4.00 8.00 0.00 11.30 11.30 15.00 0.00 11.30 30.00 0.00 60.00 0.00 11.30 11.30 120.00 0.00 240.00 0.00 11.30 11.30 480.00 0.00

1440.00

0.00

.



4/11/2008

ELAPSED TIME (min) 0 499 4337 6266 7229	CHAMBER BURETTE (ml) 12.1 12.2 13.7 14.1 14.3	CHAMBER PRESSURE (<u>psi)</u> 52.0 52.0 52.0 52.0 52.0	VOLUME CHANGE (cc) 0.0 0.1 1.6 2.0 2.2	INFLUENT BURETTE (ml) 0.3 0.3 0.8 1.1 1.2	REGULATED INFLUENT PRESSURE (psi) 50.0 50.0 50.0 50.0 50.0	EFFLUENT BURETTE (ml) 24.5 24.4 23.9 23.7 23.5	EFFLUENT REGULATED PRESSURE (psi) 50.0 50.0 50.0 50.0 50.0	TEMP. (deg. C) 21.5 22.0 20.5 22.0 20.5
ELAPSED TIME (min) 0	INFLUENT HEAD (cm) 3553.8	EFFLUENT HEAD (cm) 3525.7 3525.9	SPECIMEN HEIGHT (cm) 5.24	SPECIMEN DIAMETER (cm) 6.80	GRADIENT (h/l) 5.4 5.3	WATER VISCOSITY CORRECTION 0.9678		PERMEABILITY cm/sec (k, 20 Deg. C)
499 4337 6266 7229	3553.8 3553.2 3552.9 3552.8	3525.9 3526.4 3526.7 3526.9	5.24 5.22 5.21 5.21	6.80 6.79 6.78 6.78	5.3 5.1 5.0 5.0	0.9556 0.9923 0.9556 0.9923		1.01E-08 1.35E-08 1.39E-08 1.70E-08

Date / Time Initiated:

AVERAGE PERMEABILITY (cm/sec):

1.36E-08



Clay 49.2

= 0.0053

: 4/5/08



CLIENT: Aerostar PROJECT: OMS 28 JOB #: 08-2123-0019

LAB #:

REPORT OF: LABORATORY DETERMINATION OF BULK DENSITY, POROSITY, MOISTURE **CONTENT, and SPECIFIC GRAVITY**

SAMPLE IDENTIFICATION: 105 - FOOT SAMPLE DESCRIPTION: Gray CLAY

DATES

TECHNICIAN

SAMPLED: 3/28/08 SAMPLED: Client

TESTED: 3/31/08 TESTED: R.B.

.... LABORATORY RESULTS

(a): SAMPLE HEIGHT (cm):	13.970
(b): SAMPLE DIAMETER (cm):	7.040
(c): SAMPLE AREA (cm^2):	38.926
(d): SAMPLE VOLUME (cm ³):	543.790
(e): MASS OF WET SPECIMEN (g):	1107.67
(f): MASS OF DRY SPECIMEN (g):	822.08
(g): MASS OF CONTAINER (g):	405.30
(h): MASS OF CONTAINER & WET SAMPLE (g):	1512.97
(i): MASS OF CONTAINER & DRY SAMPLE (g):	1227.38
(j): MASS OF WATER (g):	285.59
(k): MASS OF DRY SAMPLE (g):	822.08
(I): WATER CONTENT (%):	34.74
(m): WET BULK DENSITY (PCF):	127.11
(n): DRY BULK DENSITY (PCF):	94.33
(o): SPECIFITY GRAVITY OF SOIL	2.662
(p): VOLUME OF SOIL:	308.82
(q): VOLUME OF VOIDS:	234.97
(r): VOID RATIO:	0.76
(s): POROSITY:	0.43

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MEASUREMENT OF HYDRAULIC CONDUCTIVITY OF SATURATED POROUS MATERIALS

MEASURE		DRAULIC CO ISING A FLEX				S MATERIALS		
		•	ASTM D-508	14				
Project No. :						Sample No.:	105 FT	
Completion Date:	4/15/2008					Technician:	J. Maddox	
Specimen Visual Description	: Gray CLAY							
Penetrometer Unconfined Compressive Strength (psf)				Est. V	ertical Effectiv Sam	e Stress (psf): ple Depth (Ft.):	0.0	
Initial Moist Wt. (gms) Initial Moisture Content (%) Initial Moist Unit Weight (pcf) Initial Dry Unit Weight (pcf) Initial Void Ratlo (e) Initial Deg of Saturation (%) Specific Gravity of Solids	: 35.56 : 115.7 : 85.3 : 0.945 : 100.1				Final Moistur Final Moist Uni Final Dry Uni Final	oist Wt. (gms): e Content (%): it Weight (pcf): it Weight (pcf): Void Ratio (e): Saturation (%):	364.29 40.00 117.33 83.8 0.981 108.5	
SPECIMEN SATURATION Date / Time Initiated Date / Time Completed Back-Pressure Duration(min)	: 4/9/2008	15:00 15:05		F		Pressure (psi): Pressure (psi): ulting B Value:	52.0 50.0 0.98	
SPECIMEN CONSOLIDATION	:							
Date / Time Initiated Date / Time Completed					inal Chamber F Final Back-l ertical Effectiv	Pressure (psi):	52.0 50.0 288.0	
Initial Specimen Volume (cc) Initial Specimen Height (cm) Initial Specimen Diam (cm)	: 5.131				Final Specime	n Volume (cc): n Height (cm): nen Diam (cm):	193,66 5.131 6.932	
CHAMBER	ELAPSED	VOLUME					·	
BURETTE (ml)	TIME (min)	CHANGE (cc)	0,1	1.0	ELAPS 10.0	ED TIME (min) 100.0	1000.0	10000.0
3.00	0.00	0.00	0.0 **	82	10.0 5 		50	10000.0
3.00	0.10	0.00	0.1					1 1
3.00	0.25	0.00						
3.00	0.50	0.00	8					
3.00	1.00	0.00	0.3 +					1 1
3.00	2.00	0.00	¥ 0.4 					
3.00	4.00	0.00	OHANGE (cc)					
3.00	8.00	0.00	₩ 0.6 +					
3.00	15.00	0.00	90.6 + 0.7 + 0.7 +					1 1
3.00	30.00	0.00	19.71					
3.00	60.00	0.00	> 0.8					1 1
3.00	120.00	0.00	0.9 +					
3.00	240.00	0.00	1.0			· · · · · · · · · · · · · · · · · · ·		
3.00	480.00	0.00			00500551	0011001 15 1710		İ
3.00	1440.00	0.00			SPECIMEN	CONSOLIDATIO)N	
SPECIMEN PERMEATION				Date /	Time Initiated:	4/11/2008	7:46	
ELAPSED	CHAMBER	CHAMBER	VOLUME	INFLUENT	REGULATED INFLUENT	EFFLUENT	EFFLUENT REGULATED	
TIME	BURETTE	PRESSURE	CHANGE	BURETTE	PRESSURE	BURETTE	PRESSURE	TEMP.
<u>(min)</u>	(<u>ml)</u>	(psi)	(cc)	<u>(ml)</u>	<u>(psi)</u>	<u>(ml)</u>	<u>(psi)</u>	(deg. C)
0	3.2	52.0	0.0	0.5	50.0	24.1	50.0	21.5
499	3.1	52.0	-0.1	0.7	50.0	24.0	50.0	21.0 21.0
4338 4819	3.3 3.3	52.0 52.0	0.1 0.1	1.8 2.0	50.0 50.0	22. 9 22.8	50.0 50.0	21.0
5781	3.4	52.0 52.0	0.1	2.3	50.0 50.0	22.6	50.0	21.5
6271	3.4	52.0 52.0	0.2	2.3	50.0	22.4	50.0	22.0
7230	3.4	52.0	0.2	2.7	50.0	22.2	50.0	22.5
ELAPSED TIME (min)	INFLUENT HEAD (cm)	EFFLUENT HEAD (cm)	SPECIMEN HEIGHT (cm)	SPECIMEN DIAMETER (cm)	GRADIENT	WATER VISCOSITY CORRECTION		PERMEABILITY cm/sec (k, 20 Deg. C)
(<u>min)</u>	3553.6	(cm) 3526.2	<u>(cm)</u> 5.13	<u>(cm)</u> 6.93	<u>(h/l)</u> 5.3	0.9678		jn, 20 Deg. C)
499	3553.5 3553.3	3526.2 3526.3	5.13 5.13	6.93	5.3 5.3	0.9678 0.9801		2.96E-08
4338	3552.1	3527.6	5.13	6.93	4.8	0.9801		3.01E-08
4819	3551.8	3527.7	5.13	6.93	4.7	0.9678		3.44E-08
5781	3551.5	3527.9	5.13	6.93	4.6	0.9678		2.91E-08
6271	3551.4	3528.2	5.13	6.93	4.5	0.9556		3.47E-08
7230	3551.0	3528.4	5.13	6.93	4.4	0.9433		2.97E-08

AVERAGE PERMEABILITY (cm/sec):

3.13E-08

APPENDIX D INVESTIGATION DERIVED WASTE INVENTORY AND DISPOSAL MANIFESTS

^	NON-HAZARDOUS 1. Generator ID Number 2. Page WASTE MANIFEST	e 1 of 3, Emergency Response Phone	4. Waste Tracking Number 6 12-081/	7-
	5. Generator's Name and Mailing Address A(- Army Attorna (Gunned Army Army Army Army Army Army Army Army	Generator's Site Address (if different the) OC - 1 The Conficency		
	Generator's Phone: 8. Transporter 1 Company Name Sun Coast Env. Consultants	<u> </u>	U.S. EPA ID Number	
	7. Transporter 2 Company Nemo		U.S. EPA ID Mumber	
	8. Designated Facility Name and Sito Address Stringhil CANDFIL The 2-13 CANBILTON FI	,,,,	U.S. EPA ID Number	
	Facility's Phone: 9. Waste Shipping Name and Description	10. Containers No. Type	11. Total 12. Unit Quantity Wt./Vol.	
GENERATOR -	Non HAZ Soil Borings	33 no	6	
GEN	2.			
	3.			
	4.			
GENERATCR	13. Special Handling Instructions and Additional Information	String kill	Approval to	L VA2262
¥	14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not a Generator's/Offeror's Printed/Typed Name	subject to louderal regulations lay repeating proper	r disposal of Hazerificials (Vaste.	Month Day Year
NI.'L	15. International Shipments Import to U.S. Export Transporter Signature (for exports only):	I from U.S. Port of entrylexit:		
SPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Howard Fee	Signature	R	Month Day Year
THANSP	Transporter 2 Printed Typed Name 17. Discrepancy	Signature		Month Day Year
3 1	17a. Discrepancy Indication Space Quantity Type	Flesidue	Partial Rejection	Full Rejection
ACILITY	170. Allemate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number	
DESIGNATED FACILITY	Facility's Phone: 17c. Signature of Alternate Facility (or Generator)			Month Day Year
	(C)(C)	NOC		
	18. Designated Facility Owner or Operator, Certification of necellyt of materials covered by the manifest Printed/Typ od Name	except as noted in Nerd Vra	Sic (Month 20 y Gar
	3-BLS-C 6 10497 (Rev. 8/06)	DE	SIGNATED FACILIT	YO GENERATOR

INVESTIGATION DERIVED WASTE INVENTORY

Source	Date	Matrix	Quantity	Disposal
OMS-28	03/26/08 03/27/08 03/28/08 06/06/08	Soil & Decon & Development Water	33 Drums	Springhill
OMS-28	07/01/08 07/08/08	Purge	3 Drums	Remain On Site

Notes: Decon = Decontamination rinse water

Drum = 55-gallon sealed metal container

Develop = Groundwater collected during well development Purge = Groundwater collected during well purging activities

Springhill = Springhill Landfill, 4945 Highway 273, Campbellton, Jackson County, Florida 32426

APPENDIX E SOIL AND GROUNDWATER LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY

To: Aerostar

Job ID: Brookley Field OMS-28

Attn: Marshall Eschette

GCAL Report 208070320

Report Date 07/16/2008

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
20807032001	MW-12	Water	07/01/2008 09:30	07/03/2008 09:20
20807032002	MW-6	Water	07/01/2008 13:01	07/03/2008 09:20
20807032003	MW-5	Water	07/01/2008 13:54	07/03/2008 09:20
20807032004	OMS-28-7	Water	07/01/2008 15:35	07/03/2008 09:20
20807032005	MW-8	Water	07/01/2008 16:21	07/03/2008 09:20
20807032006	MW-9	Water	07/02/2008 10:31	07/03/2008 09:20
20807032007	DUP-1	Water	07/01/2008 00:00	07/03/2008 09:20
20807032008	RINSE-1	Water	07/01/2008 00:00	07/03/2008 09:20
20807032009	OMS-28-5	Water	07/02/2008 11:21	07/03/2008 09:20
20807032010	OMS-28-3	Water	07/02/2008 12:21	07/03/2008 09:20
20807032011	OMS-28-2	Water	07/02/2008 13:16	07/03/2008 09:20
20807032012	TRIP BLANK	Water	07/02/2008 00:00	07/03/2008 09:20

Summary of Compounds Detected

GCAL ID 20807032001	Client ID MW-12	Matrix Water	Collect Date/Time Receive Date/Time 07/01/2008 09:30 07/03/2008 09:20			
SW-846 820	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00363J 0.025		0.0000638	mg/L
GCAL ID 20807032002	Client ID MW-6	Matrix Water	Collect Date/Time 07/01/2008 13:01		Receive Date/Time 07/03/2008 09:20	
SW-846 820	-		0.70.72000.1010.		31733/2333 33.23	
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		0.000548J	0.00500	0.0000663	mg/L
67-64-1	Acetone		0.0003463 0.00317J	0.00300	0.0000638	mg/L
71-43-2	Benzene		0.016	0.00500	0.0000624	mg/L
110-82-7	Cyclohexane		0.00418J	0.00500	0.0000722	mg/L
98-82-8	Isopropylbenzene (Cumene)		0.00533	0.00500	0.0000569	mg/L
108-87-2	Methylcyclohexane		0.00299J	0.00500	0.0000921	mg/L
91-20-3	Naphthalene		0.028	0.00500	0.000245	mg/L
1330-20-7	Xylene (total)		0.00701J	0.010	0.000194	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032003	MW-5	Water	07/01/2008 13:54		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00780J	0.025	0.0000638	mg/L
91-20-3	Naphthalene		0.00464J	0.00500	0.000245	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032004	OMS-28-7	Water	07/01/2008 15:35		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00487J	0.025	0.0000638	mg/L
79-01-6	Trichloroethene		0.00173J	0.00500	0.000164	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032005	MW-8	Water	07/01/2008 16:21		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.011J	0.025	0.0000638	mg/L
74-87-3	Chloromethane		0.00210J	0.00500	0.000249	mg/L
79-01-6	Trichloroethene		0.133	0.00500	0.000164	mg/L
156-59-2	cis-1,2-Dichloroethene		0.00397J	0.00500	0.0000745	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032006	MW-9	Water	07/02/2008 10:31		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00472J	0.025	0.0000638	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032007	DUP-1	Water	07/01/2008 00:00		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00430J	0.025	0.0000638	mg/L
79-01-6	Trichloroethene		0.129	0.00500	0.000164	mg/L
156-59-2	cis-1,2-Dichloroethene		0.00437J	0.00500	0.0000745	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032008	RINSE-1	Water	07/01/2008 00:00		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00366J	0.025	0.0000638	mg/L
74-87-3	Chloromethane		0.000884J	0.00500	0.000249	mg/L
75-09-2	Methylene chloride		0.000797J	0.010	0.0000765	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032009	OMS-28-5	Water	07/02/2008 11:21		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00355J	0.025	0.0000638	mg/L
127-18-4	Tetrachloroethene		0.130	0.00500	0.000200	mg/L
79-01-6	Trichloroethene		0.039	0.00500	0.000164	mg/L
156-59-2	cis-1,2-Dichloroethene		0.012	0.00500	0.0000745	mg/L
156-60-5	trans-1,2-Dichloroethene		0.000671J	0.00500	0.0000573	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032010	OMS-28-3	Water	07/02/2008 12:21		07/03/2008 09:20	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00218J	0.025	0.0000638	mg/L
67-66-3	Chloroform		0.000252J	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.000835J	0.00500	0.000249	mg/L
79-01-6	Trichloroethene		0.080	0.00500	0.000164	mg/L
156-59-2	cis-1,2-Dichloroethene		0.00626	0.00500	0.0000745	mg/L

Summary of Compounds Detected (con't)

GCAL ID 20807032011	Client ID OMS-28-2	Matrix Water	Collect Date/Time 07/02/2008 13:16		Receive Date/Time 07/03/2008 09:20	
SW-846 82	60B					_
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00338J	0.025	0.0000638	mg/L
74-87-3	Chloromethane		0.00111J	0.00500	0.000249	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807032012	TRIP BLANK	Water	07/02/2008 00:00		07/03/2008 09:20	
SW-846 82	60B					_
CAS#	Parameter		Result	RDL	MDL	Units
541-73-1	1,3-Dichlorobenzene		0.000257J	0.00500	0.0000861	mg/L
67-64-1	Acetone		0.010J	0.025	0.0000638	mg/L
108-88-3	Toluene		0.000290J	0.00500	0.0000675	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032001	MW-12	Water	07/01/2008 09:30	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 21:23	By JCK	Analytical Batcl 392648	h
CAS#	Parameter		Result	RDL		MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0	.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500		0.000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500		0.000146	mg/L
75-34-3	1,1-Dichloroethane		0.0000801U	0.00500	0	.0000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0	.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500		0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropa	ne	0.000356U	0.00500		0.000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500		0.000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500		0.000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0	.0000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500		.0000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.0000861U	0.00500		.0000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.0000961U	0.00500		.0000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500		0.000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500		0.000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500		0.000113	mg/L
67-64-1	Acetone		0.00363J	0.025		.000638	mg/L
71-43-2	Benzene		0.0000624U	0.00500		.0000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500		.0000875	mg/L
75-27- 4 75-25-2	Bromoform		0.00008730 0.0000947U	0.00500		.0000947	mg/L
74-83-9	Bromomethane		0.0003470 0.000252U	0.00500		0.000947	-
74-03-9 75-15-0	Carbon disulfide		0.0002320 0.000184U	0.00500		0.000232	mg/L
							mg/L
56-23-5 108-90-7	Carbon tetrachloride		0.0000825U	0.00500		.0000825	mg/L
	Chlorobenzene		0.0000631U	0.00500		.0000631	mg/L
75-00-3	Chloroethane		0.0000618U	0.00500		.0000618	mg/L
67-66-3	Chloroform		0.0000426U	0.00500		.0000426	mg/L
74-87-3	Chloromethane		0.000249U	0.00500		0.000249	mg/L
110-82-7	Cyclohexane		0.0000722U	0.00500		.0000722	mg/L
124-48-1	Dibromochloromethane		0.0000637U	0.00500		.0000637	mg/L
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500		.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500		.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene		0.0000702U	0.00500		.0000702	mg/L
100-41-4	Ethylbenzene		0.0000924U	0.00500		.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene	e)	0.0000569U	0.00500		.0000569	mg/L
79-20-9	Methyl Acetate		0.000375U	0.00500		0.000375	mg/L
108-87-2	Methylcyclohexane		0.0000921U	0.00500		.0000921	mg/L
75-09-2	Methylene chloride		0.0000765U	0.010		.0000765	mg/L
91-20-3	Naphthalene		0.000245U	0.00500		0.000245	mg/L
100-42-5	Styrene		0.0000821U	0.00500		.0000821	mg/L
127-18-4	Tetrachloroethene		0.000200U	0.00500		0.000200	mg/L
108-88-3	Toluene		0.0000675U	0.00500		.0000675	mg/L
79-01-6	Trichloroethene		0.000164U	0.00500		0.000164	mg/L
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500		.0000638	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500		0.000168	mg/L
75-01-4	Vinyl chloride		0.0000538U	0.00500	0	.0000538	mg/L
1330-20-7	Xylene (total)		0.000194U	0.010		0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene		0.0000745U	0.00500	0	.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MT	BE)	0.0000756U	0.00500	0	.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene		0.0000573U	0.00500	0	.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032001	MW-12	Water	07/01/2008 09:30	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 21:23	By JCK	Analytical 392648	Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	very	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L		95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L		102	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L		111	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032002	MW-6	Water	07/01/2008 13:01	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/13/2008 21:45	By Analytical I JCK 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.000548J	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00317J	0.025	0.0000638	mg/L
71-43-2	Benzene	0.016	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.000184U	0.00500	0.000184	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.000249U	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.00418J	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.00533	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.00299J	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.028	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.00701J	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032002	MW-6	Water	07/01/2008 13:01	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 21:45	By JCK	Analytica 392648	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.052	mg/L		103	75 - 120
1868-53-7	Dibromofluoromethane	.05	.049	mg/L		99	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L		105	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032003	MW-5	Water	07/01/2008 13:54	07/03/2008 09:20

71-55-6 1,1,1-Trichloroethane 0.0000683U 0.00 79-34-5 1,1,2,2-Tetrachloroethane 0.000148U 0.00 79-00-5 1,1,2-Trichloroethane 0.000146U 0.00 75-34-3 1,1-Dichloroethane 0.0000801U 0.00	0500 0.000148 0500 0.000146 0500 0.0000801 0500 0.0000961	Units mg/L mg/L mg/L
79-34-5 1,1,2,2-Tetrachloroethane 0.000148U 0.000 79-00-5 1,1,2-Trichloroethane 0.000146U 0.000 75-34-3 1,1-Dichloroethane 0.0000801U 0.000	0500 0.000148 0500 0.000146 0500 0.0000801 0500 0.0000961	mg/L
79-00-5 1,1,2-Trichloroethane 0.000146U 0.000 75-34-3 1,1-Dichloroethane 0.0000801U 0.000	0500 0.000146 0500 0.0000801 0500 0.0000961	
75-34-3 1,1-Dichloroethane 0.0000801U 0.000	0.0000801 0.0000961	
	0.0000961	
	0.0000961	mg/L
75-35-4 1,1-Dichloroethene 0.0000961U 0.00	0.000223	mg/L
120-82-1 1,2,4-Trichlorobenzene 0.000223U 0.00		mg/L
96-12-8 1,2-Dibromo-3-chloropropane 0.000356U 0.00	0.000356	mg/L
106-93-4 1,2-Dibromoethane 0.000158U 0.00		mg/L
95-50-1 1,2-Dichlorobenzene 0.000109U 0.00		mg/L
107-06-2 1,2-Dichloroethane 0.0000663U 0.00		mg/L
78-87-5 1,2-Dichloropropane 0.0000555U 0.00		mg/L
541-73-1 1,3-Dichlorobenzene 0.0000861U 0.00		mg/L
106-46-7 1,4-Dichlorobenzene 0.0000961U 0.00		mg/L
78-93-3 2-Butanone 0.000487U 0.00		mg/L
591-78-6 2-Hexanone 0.000308U 0.00		mg/L
108-10-1 4-Methyl-2-pentanone 0.000113U 0.00		mg/L
., , , , , , , , , , , , , , , , , , ,	.025 0.0000638	mg/L
71-43-2 Benzene 0.0000624U 0.00		
75-27-4 Bromodichloromethane 0.0000875U 0.00		mg/L
75-25-2 Bromoform 0.0000947U 0.00		mg/L
		mg/L
		mg/L
		mg/L
56-23-5 Carbon tetrachloride 0.0000825U 0.00		mg/L
108-90-7 Chlorobenzene 0.0000631U 0.00		mg/L
75-00-3 Chloroethane 0.0000618U 0.00		mg/L
67-66-3 Chloroform 0.0000426U 0.00		mg/L
74-87-3 Chloromethane 0.000249U 0.00		mg/L
110-82-7 Cyclohexane 0.0000722U 0.00		mg/L
124-48-1 Dibromochloromethane 0.0000637U 0.00		mg/L
75-71-8 Dichlorodifluoromethane 0.0000680U 0.00		mg/L
10061-01-5 cis-1,3-Dichloropropene 0.0000746U 0.00		mg/L
10061-02-6 trans-1,3-Dichloropropene 0.0000702U 0.00		mg/L
100-41-4 Ethylbenzene 0.0000924U 0.00		mg/L
98-82-8 Isopropylbenzene (Cumene) 0.0000569U 0.00		mg/L
79-20-9 Methyl Acetate 0.000375U 0.000		mg/L
108-87-2 Methylcyclohexane 0.0000921U 0.000		mg/L
•	.010 0.0000765	mg/L
91-20-3 Naphthalene 0.00464J 0.00		mg/L
100-42-5 Styrene 0.0000821U 0.000		mg/L
127-18-4 Tetrachloroethene 0.000200U 0.000		mg/L
108-88-3 Toluene 0.0000675U 0.000		mg/L
79-01-6 Trichloroethene 0.000164U 0.000		mg/L
75-69-4 Trichlorofluoromethane 0.0000638U 0.000		mg/L
76-13-1 Trichlorotrifluoroethane 0.000168U 0.000		mg/L
75-01-4 Vinyl chloride 0.000538U 0.00		mg/L
	.010 0.000194	mg/L
156-59-2 cis-1,2-Dichloroethene 0.0000745U 0.00	0.0000745	mg/L
1634-04-4 tert-Butyl methyl ether (MTBE) 0.0000756U 0.00	0.0000756	mg/L
156-60-5 trans-1,2-Dichloroethene 0.0000573U 0.000	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
2080703200	3 MW-5	Water	07/01/2008 13:54	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 22:08	By JCK	Analytica 392648	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L		97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L		102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L		110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032004	OMS-28-7	Water	07/01/2008 15:35	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/13/2008 22:30	By Analytical Ba JCK 392648	tch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00487J	0.00300	0.000113	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-27- 4 75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	
74-83-9	Bromomethane	0.0009470 0.000252U	0.00500	0.000947	mg/L
75-15-0	Carbon disulfide	0.000252U 0.000184U	0.00500	0.000232	mg/L
56-23-5					mg/L
108-90-7	Carbon tetrachloride Chlorobenzene	0.0000825U 0.0000631U	0.00500 0.00500	0.0000825 0.0000631	mg/L
75-00-3	Chloroethane	0.0000631U	0.00500	0.0000631	mg/L
	Chloroform				mg/L
67-66-3 74-87-3		0.0000426U	0.00500	0.0000426	mg/L
	Chloromethane	0.000249U	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.00173J	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time	
20807032004	OMS-28-7	Water	07/01/2008 15:35	07/03/2008 09:20	

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 22:30	•	92648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ry Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	(94 75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	10	03 85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	11	12 85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	10	01 70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032005	MW-8	Water	07/01/2008 16:21	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/13/2008 20:17	By Analytical I JCK 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.011J	0.025	0.000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane	0.0000547 U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000232	mg/L
56-23-5	Carbon tetrachloride	0.0001640 0.0000825U	0.00500	0.000184	mg/L
108-90-7	Chlorobenzene	0.0000823U	0.00500	0.0000631	•
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
					mg/L
67-66-3	Chloromothono	0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.00210J	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.133	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00397J	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032005	MW-8	Water	07/01/2008 16:21	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 20:17	By JCK	Analytical 392648	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	very	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L		95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	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	.05	mg/L		101	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032006	MW-9	Water	07/02/2008 10:31	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 00:20	By Analytical B ADI 392648	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/l
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/l
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/l
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/l
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/l
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/l
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/l
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/l
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/l
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/l
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/l
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/l
106-46-7	1,4-Dichlorobenzene	0.000961U	0.00500	0.0000961	mg/l
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/l
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/l
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/l
67-64-1	Acetone	0.00472J	0.025	0.0000638	mg/l
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/l
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/l
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/l
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/l
75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000184	mg/l
56-23-5	Carbon tetrachloride	0.0001040 0.0000825U	0.00500	0.0000825	mg/l
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/l
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/l
67-66-3	Chloroform	0.0000426U	0.00500	0.0000426	mg/l
74-87-3	Chloromethane	0.000420U	0.00500	0.000249	mg/l
110-82-7	Cyclohexane	0.000249U	0.00500	0.000249	mg/l
124-48-1	Dibromochloromethane	0.00007220 0.0000637U	0.00500	0.0000722	
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/l
10061-01-5	cis-1,3-Dichloropropene	0.000086U	0.00500	0.000030	mg/l
10061-01-5		0.0000746U 0.0000702U	0.00500	0.0000748	mg/l
10061-02-6	trans-1,3-Dichloropropene				mg/l
	Ethylbenzene Isopropylbenzene (Cumene)	0.0000924U	0.00500	0.0000924	mg/l
98-82-8 79-20-9	1 17 ()	0.0000569U 0.000375U	0.00500 0.00500	0.0000569 0.000375	mg/l
	Methyl Acetate				mg/l
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/l
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/l
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/l
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/l
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/l
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/l
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/l
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/l
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/l
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/l
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/l
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/l
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/l
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/l

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032006	MW-9	Water	07/02/2008 10:31	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 00:20	•	nalytical Batch 92648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ry Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	!	95 75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	1	01 85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	1	11 85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	1	00 70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032007	DUP-1	Water	07/01/2008 00:00	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/13/2008 20:39	By Analytical E JCK 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00430J	0.025	0.000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	
75-27-4 75-25-2	Bromoform	0.0000873U	0.00500	0.0000873	mg/L
73-23-2	Bromomethane	0.0009470 0.000252U	0.00500	0.000947	mg/L
74-03-9 75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000232	mg/L
					mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.000249U	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.129	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00437J	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032007	DUP-1	Water	07/01/2008 00:00	07/03/2008 09:20

Prep Date Prep Batch				Analyzed 07/13/2008 20:39	By Analytical Batc 392648		l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L		96	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L		102	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L		111	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032008	RINSE-1	Water	07/01/2008 00:00	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 00:42	By Analytica ADI 392648	l Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane		0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropan	е	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone		0.00366J	0.025	0.0000638	mg/L
71-43-2	Benzene		0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform		0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane		0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide		0.000184U	0.00500	0.000184	mg/L
56-23-5	Carbon tetrachloride		0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene		0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane		0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform		0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.000884J	0.00500	0.000249	mg/L
110-82-7	Cyclohexane		0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane		0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene		0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene		0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)		0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate		0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane		0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride		0.000797J	0.010	0.0000765	mg/L
91-20-3	Naphthalene		0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene		0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene		0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene		0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene		0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride		0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)		0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene		0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBI	Ε)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	,	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032008	RINSE-1	Water	07/01/2008 00:00	07/03/2008 09:20

SW-846 8260B Prep Date

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 00:42	By ADI	Analytica 392648	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L		94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L		104	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L		111	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032009	OMS-28-5	Water	07/02/2008 11:21	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/13/2008 21:01	By Analytical Bato JCK 392648	ch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00355J	0.0050	0.000113	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.00008240 0.0000875U	0.00500	0.0000875	mg/L
75-27- 4 75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	
74-83-9	Bromomethane	0.0009470 0.000252U	0.00500	0.000947	mg/L
75-15-0	Carbon disulfide	0.000252U 0.000184U	0.00500	0.000232	mg/L
56-23-5					mg/L
108-90-7	Carbon tetrachloride Chlorobenzene	0.0000825U 0.0000631U	0.00500 0.00500	0.0000825 0.0000631	mg/L
75-00-3	Chloroethane	0.0000631U	0.00500	0.0000631	mg/L
	Chloroform				mg/L
67-66-3 74-87-3		0.0000426U	0.00500	0.0000426	mg/L
	Chloromethane	0.000249U	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.130	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.039	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.012	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000671J	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032009	OMS-28-5	Water	07/02/2008 11:21	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 21:01	•	2648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recover	y Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	9	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	10	3 85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	11	0 85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	10	0 70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032010	OMS-28-3	Water	07/02/2008 12:21	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 01:04	By Analytical E ADI 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00218J	0.025	0.0000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.000184U	0.00500	0.000184	mg/L
56-23-5	Carbon tetrachloride	0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.000252J	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.000835J	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.080	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.00626	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032010	OMS-28-3	Water	07/02/2008 12:21	07/03/2008 09:20

SW-846 8260B Prep Date

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 01:04	ADI 3926	ytical Batch 48
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	94	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	101	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032011	OMS-28-2	Water	07/02/2008 13:16	07/03/2008 09:20

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 01:27	By Analytical B ADI 392648	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/l
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00338J	0.025	0.0000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000232	mg/L
56-23-5	Carbon tetrachloride	0.0001040 0.0000825U	0.00500	0.0000104	mg/L
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.0004200 0.00111J	0.00500	0.000420	mg/L
110-82-7	Cyclohexane	0.0007113	0.00500	0.000243	mg/L
124-48-1	Dibromochloromethane	0.00007220 0.0000637U	0.00500	0.0000722	
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/l
10061-01-5		0.000086U	0.00500	0.000080	mg/l
10061-01-5	cis-1,3-Dichloropropene	0.0000746U 0.0000702U	0.00500	0.0000746	mg/L
	trans-1,3-Dichloropropene				mg/L
100-41-4	Ethylbenzene Isopropylbenzene (Cumene)	0.0000924U	0.00500	0.0000924	mg/L
98-82-8 79-20-9	1 17 ()	0.0000569U	0.00500	0.0000569	mg/L
	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/l
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/l
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/l
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/l
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/l

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032011	OMS-28-2	Water	07/02/2008 13:16	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 01:27	•	nalytical Batch 92648	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ery Rec Limits	
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	!	94 75 - 120	
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	1	03 85 - 115	
2037-26-5	Toluene d8	.05	.055	mg/L	1	11 85 - 120	
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	1	02 70 - 120	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032012	TRIP BLANK	Water	07/02/2008 00:00	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 23:58	By ADI	Analytical Ba	atch
CAS#	Parameter		Result	RDL		MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	(0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500		0.000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500		0.000146	mg/L
75-34-3	1,1-Dichloroethane		0.0000801U	0.00500	(0.0000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500		0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500		0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropar	ne	0.000356U	0.00500		0.000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500		0.000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500		0.000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	(0.0000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500		0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.000257J	0.00500		0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.0000961U	0.00500		0.0000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500	·	0.000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500		0.000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500		0.000113	mg/L
67-64-1	Acetone		0.010J	0.025	(0.0000638	mg/L
71-43-2	Benzene		0.0000624U	0.00500		0.0000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500		0.0000875	mg/L
75-25-2	Bromoform		0.0000947U	0.00500		0.0000947	mg/L
74-83-9	Bromomethane		0.0003470 0.000252U	0.00500	,	0.000252	mg/L
75-15-0	Carbon disulfide		0.0002320 0.000184U	0.00500		0.000232	mg/L
56-23-5	Carbon tetrachloride		0.0001840 0.0000825U	0.00500	(0.000104	mg/L
108-90-7	Chlorobenzene		0.0000623U	0.00500		0.0000623	mg/L
75-00-3	Chloroethane		0.0000618U	0.00500		0.0000618	mg/L
67-66-3	Chloroform		0.0000426U	0.00500		0.0000426	mg/L
74-87-3	Chloromethane		0.000420U	0.00500	,	0.000249	mg/L
110-82-7	Cyclohexane		0.000249U	0.00500	(0.000249	
124-48-1	Dibromochloromethane		0.00007220 0.0000637U	0.00500		0.0000722	mg/L mg/L
75-71-8	Dichlorodifluoromethane		0.00006370 0.0000680U	0.00500		0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000360 0.0000746U	0.00500		0.0000746	
10061-01-5	trans-1,3-Dichloropropene		0.00007400 0.0000702U	0.00500		0.0000740	mg/L
10001-02-0	Ethylbenzene		0.0000702U	0.00500		0.0000702	mg/L mg/L
98-82-8	Isopropylbenzene (Cumene	١	0.00009240 0.0000569U	0.00500		0.0000924	mg/L
79-20-9	Methyl Acetate)	0.000339U	0.00500	,	0.000375	
108-87-2	Methylcyclohexane		0.000373U	0.00500	,	0.000373	mg/L
75-09-2	Methylene chloride		0.00009210 0.0000765U	0.00300		0.0000921	mg/L
91-20-3	Naphthalene		0.000765U	0.00500	,	0.000245	mg/L
100-42-5	Styrene		0.000245U	0.00500	(0.000243	mg/L mg/L
127-18-4	Tetrachloroethene		0.00008210 0.000200U	0.00500	,	0.00020	•
127-10-4 108-88-3	Toluene		0.000200U	0.00500		0.000200 0.0000675	mg/L
	Trichloroethene		0.000 2903	0.00500	•	0.000164	mg/L
79-01-6 75-69-4	Trichlorofluoromethane		0.000164U	0.00500	,	0.000164	mg/L
75-69-4 76-13-1	Trichlorotrifluoroethane		0.000638U 0.000168U	0.00500	(0.000168	mg/L mg/l
76-13-1 75-01-4	Vinyl chloride		0.000188U	0.00500	,	0.000168	mg/L
	•				(mg/L
1330-20-7	Xylene (total)		0.000194U	0.010	,	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene)_\	0.0000745U	0.00500		0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTE	P⊏)	0.0000756U	0.00500		0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene		0.0000573U	0.00500	(0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807032012	TRIP BLANK	Water	07/02/2008 00:00	07/03/2008 09:20

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/13/2008 23:58	•	nalytical Batch 92648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ry Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	9	95 75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	10	04 85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	1.	12 85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	10	00 70 - 120

Analytical Bat	ch 392648	Client ID	MB392648			LCS392648			LCSD392648				
Prep Bat	ch N/A	GCAL ID	625109			625110			625111				
		Sample Type	Method Blank			LCS			LCSD				
		Analytical Date	07/13/2008 19:44			07/13/2008 18:23			07/13/2008 18:45				
		Matrix	Water			Water			Water				
	CM 040 000	· AD	Units	mg/L	Spike	. .		Control	-			RPD	
	SW-846 826	OUB	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
67-64-1	Acetone		0.0000638U	0.0000638	0.050	0.051	102	40 - 140	0.048	95	6	30	
75-27-4	Bromodichloror	methane	0.0000875U	0.0000875	0.050	0.053	106	75 - 120	0.050	101	6	30	
75-25-2	Bromoform		0.0000947U	0.0000947	0.050	0.054	108	70 - 130	0.054	107	0	30	
74-83-9	Bromomethane)	0.000252U	0.000252	0.050	0.058	115	30 - 145	0.055	111	5	30	
75-15-0	Carbon disulfid	е	0.000184U	0.000184	0.050	0.059	117	35 - 160	0.052	103	13	30	
56-23-5	Carbon tetrach	loride	0.0000825U	0.0000825	0.050	0.051	102	65 - 140	0.048	96	6	30	
75-00-3	Chloroethane		0.0000618U	0.0000618	0.050	0.060	120	60 - 135	0.055	111	9	30	
67-66-3	Chloroform		0.0000426U	0.0000426	0.050	0.048	96	65 - 135	0.046	92	4	30	
74-87-3	Chloromethane)	0.000249U	0.000249	0.050	0.054	107	40 - 125	0.050	100	8	30	
124-48-1	Dibromochloro	methane	0.0000637U	0.0000637	0.050	0.048	97	60 - 135	0.049	97	2	30	
75-71-8	Dichlorodifluoro	omethane	0.0000680U	0.0000680	0.050	0.054	107	30 - 155	0.048	97	12	30	
75-34-3	1,1-Dichloroeth	ane	0.0000801U	0.0000801	0.050	0.050	101	70 - 135	0.048	95	4	30	
107-06-2	1,2-Dichloroeth	ane	0.0000663U	0.0000663	0.050	0.051	101	70 - 130	0.048	96	6	30	
156-59-2	cis-1,2-Dichloro	pethene	0.0000745U	0.0000745	0.050	0.058	115	70 - 125	0.054	108	7	30	
156-60-5	trans-1,2-Dichle	oroethene	0.0000573U	0.0000573	0.050	0.053	106	60 - 140	0.049	97	8	30	
75-09-2	Methylene chlo	ride	0.0000765U	0.0000765	0.050	0.050	100	55 - 140	0.047	95	6	30	
78-87-5	1,2-Dichloropro	pane	0.0000555U	0.0000555	0.050	0.051	101	75 - 125	0.049	98	4	30	
10061-01-5	cis-1,3-Dichloro	propene	0.0000746U	0.0000746	0.050	0.051	101	70 - 130	0.048	96	6	30	
10061-02-6	trans-1,3-Dichlo	oropropene	0.0000702U	0.0000702	0.050	0.052	103	55 - 140	0.048	96	8	30	
100-41-4	Ethylbenzene		0.0000924U	0.0000924	0.050	0.054	107	75 - 125	0.052	104	4	30	
591-78-6	2-Hexanone		0.000308U	0.000308	0.050	0.043	86	55 - 130	0.044	87	2	30	
98-82-8	Isopropylbenze	ene (Cumene)	0.0000569U	0.0000569	0.050	0.051	102	75 - 125	0.049	97	4	30	
78-93-3	2-Butanone		0.000487U	0.000487	0.050	0.054	108	30 - 150	0.054	109	0	30	
108-10-1	4-Methyl-2-pen	tanone	0.000113U	0.000113	0.050	0.046	93	60 - 135	0.045	90	2	30	
100-42-5	Styrene		0.0000821U	0.0000821	0.050	0.050	99	65 - 135	0.049	97	2	30	
127-18-4	Tetrachloroethe	ene	0.000200U	0.000200	0.050	0.051	102	45 - 150	0.051	102	0	30	
79-34-5	1,1,2,2-Tetrach	loroethane	0.000148U	0.000148	0.050	0.052	104	65 - 130	0.052	104	0	30	
120-82-1			0.000223U	0.000223	0.050	0.053	106	65 - 135	0.047	95	12	30	
71-55-6	55-6 1,1,1-Trichloroethane		0.0000683U	0.0000683	0.050	0.050	100	65 - 130	0.048	95	4	30	
79-00-5			0.000146U	0.000146	0.050	0.048	97	75 - 125	0.048	95	0	30	
75-69-4			0.0000638U	0.0000638	0.050	0.053	106	60 - 145	0.049	98	8	30	
75-01-4	-4 Vinyl chloride		0.0000538U	0.0000538	0.050	0.060	120	50 - 145	0.054	109	11	30	
96-12-8	•		0.000356U	0.000356	0.050	0.048	96	50 - 130	0.049	99	2	30	

Analytical Bat	ch 392648	Client ID	MB392648			LCS392648			LCSD392648			
Prep Bat	ch N/A	GCAL ID	625109			625110			625111			
		Sample Type	Method Blank			LCS	LCSD					
		Analytical Date	07/13/2008 19:44			07/13/2008 18:23	07/13/2008 18:45					
		Matrix	Water			Water			Water			
	C/M 0.46 0.26	enD	Units	mg/L	Spike	Desuit		Control	Desult			RPD
	SW-846 826	DUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
106-93-4 1,2-Dibromoethane		nane	0.000158U	0.000158	0.050	0.053	106	80 - 120	0.053	107	0	30
1634-04-4	tert-Butyl methy	yl ether (MTBE)	0.0000756U	0.0000756	0.050	0.053	106	65 - 125	0.052	103	2	30
1330-20-7	Xylene (total)		0.000194U	0.000194	0.150	0.150	100	75 - 130	0.146	97	3	30
108-87-2	Methylcyclohex	rane	0.0000921U	0.0000921	0.050	0.054	107	77 - 123	0.047	94	14	30
110-82-7	Cyclohexane		0.0000722U	0.0000722	0.050	0.052	103	71 - 127	0.048	95	8	30
79-20-9	Methyl Acetate		0.000375U	0.000375	0.050	0.047	93	55 - 134	0.047	93	0	30
76-13-1	Trichlorotrifluor	oethane	0.000168U	0.000168	0.050	0.052	105	72 - 130	0.049	97	6	30
541-73-1	1,3-Dichlorobe	nzene	0.0000861U	0.0000861	0.050	0.058	116	65 - 130	0.055	111	5	30
106-46-7	1,4-Dichlorobe	nzene	0.0000961U	0.0000961	0.050	0.051	103	65 - 130	0.049	98	4	30
95-50-1	1,2-Dichlorober	nzene	0.000109U	0.000109	0.050	0.058	115	70 - 120	0.056	111	4	30
91-20-3	Naphthalene		0.000245U	0.000245	0.050	0.050	99	55 - 140	0.048	96	4	30
75-35-4	1,1-Dichloroeth	nene	0.0000961U	0.0000961	0.050	0.053	106	70 - 130	0.049	98	8	30
71-43-2	Benzene		0.0000624U	0.0000624	0.050	0.050	100	80 - 120	0.048	96	4	30
79-01-6	Trichloroethene	Э	0.000164U	0.000164	0.050	0.054	109	70 - 125	0.051	102	6	30
108-88-3	Toluene		0.0000675U	0.0000675	0.050	0.050	100	75 - 120	0.049	98	2	30
108-90-7	Chlorobenzene)	0.0000631U	0.0000631	0.050	0.049	99	80 - 120	0.048	96	2	30
Surrogate												
460-00-4	4-Bromofluorob	penzene	47.8	96	50	48.8	98	75 - 120	50.7	101		
1868-53-7	Dibromofluoror	nethane	51.9	104	50	48.6	97	85 - 115	49.1	98		
2037-26-5	Toluene d8		55.7	111	50	45	90	85 - 120	46.7	93		
17060-07-0	1,2-Dichloroeth	nane-d4	51	102	50	49.4	99	70 - 120	49.1	98		

Analytical Batch	392648	Client ID	MW-12	621273MS				621273MSD					
Prep Batch	N/A	GCAL ID	20807032001		625247				625248				
		Sample Type	SAMPLE		MS				MSD				
		Analytical Date	07/13/2008 21:23 07/13/2008 22:52							07/13/2008 23:14			
		Matrix	Water Water						Water				
	W-846 826	SOB	Units	mg/L	Spike	Result Control		ol	Result			RPD	
	040 020	000	Result	RDL	Added	Result	% R	Limits 9	% R	Result	% R	RPD	Limit
67-64-1	67-64-1 Acetone		0.00363	0.0000638	0.050	0.034	61	40 -	140	0.037	66	8	30
75-27-4	Bromodichloro	methane	0.00	0.0000875	0.050	0.052	105	75 -	120	0.052	103	0	30
75-25-2	Bromoform		0.00	0.0000947	0.050	0.054	107	70 -	130	0.054	107	0	30

Analytical Ba	tch 392648	Client ID	MW-12			621273MS			621273MSD				
Prep Ba	tch N/A	GCAL ID	20807032001			625247			625248				
		Sample Type	SAMPLE			MS			MSD				
		Analytical Date	07/13/2008 21:23			07/13/2008 22:52		07/13/2008 23:14					
		Matrix	Water			Water		Water					
	CVV 0.4C 0.20	COD	Units	mg/L	Spike	D!/		Control	D!/			RPD	
SW-846 8260B		DUB	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
74-83-9	Bromomethane)	0.00	0.000252	0.050	0.049	98	30 - 145	0.058	117	17	30	
75-15-0	Carbon disulfid	e	0.00	0.000184	0.050	0.049	97	35 - 160	0.054	107	10	30	
56-23-5	Carbon tetrach	loride	0.00	0.0000825	0.050	0.052	103	65 - 140	0.049	98	6	30	
75-00-3	Chloroethane		0.00	0.0000618	0.050	0.052	104	60 - 135	0.056	111	7	30	
67-66-3	Chloroform		0.00	0.0000426	0.050	0.047	94	65 - 135	0.046	92	2	30	
74-87-3	Chloromethane	9	0.00	0.000249	0.050	0.041	82	40 - 125	0.052	104	24	30	
124-48-1	Dibromochloro	methane	0.00	0.0000637	0.050	0.048	95	60 - 135	0.049	97	2	30	
75-71-8	Dichlorodifluor	omethane	0.00	0.0000680	0.050	0.045	90	30 - 155	0.051	102	13	30	
75-34-3	1,1-Dichloroeth	nane	0.00	0.0000801	0.050	0.048	96	70 - 135	0.049	97	2	30	
107-06-2	1,2-Dichloroeth	nane	0.00	0.0000663	0.050	0.051	101	70 - 130	0.049	97	4	30	
156-59-2	cis-1,2-Dichlore	oethene	0.00	0.0000745	0.050	0.051	101	70 - 125	0.051	102	0	30	
156-60-5	trans-1,2-Dichle	oroethene	0.00	0.0000573	0.050	0.047	94	60 - 140	0.048	96	2	30	
75-09-2	Methylene chlo	oride	0.00	0.0000765	0.050	0.047	95	55 - 140	0.048	95	2	30	
78-87-5	1,2-Dichloropro	ppane	0.00	0.0000555	0.050	0.050	99	75 - 125	0.049	98	2	30	
10061-01-5	cis-1,3-Dichlore	opropene	0.00	0.0000746	0.050	0.044	88	70 - 130	0.044	87	0	30	
10061-02-6	trans-1,3-Dichle	oropropene	0.00	0.0000702	0.050	0.050	100	55 - 140	0.049	98	2	30	
100-41-4	Ethylbenzene		0.00	0.0000924	0.050	0.052	104	75 - 125	0.052	103	0	30	
591-78-6	2-Hexanone		0.00	0.000308	0.050	0.037	74	55 - 130	0.039	78	5	30	
98-82-8	Isopropylbenze	ene (Cumene)	0.00	0.0000569	0.050	0.049	98	75 - 125	0.048	97	2	30	
78-93-3	2-Butanone		0.00	0.000487	0.050	0.045	89	30 - 150	0.046	93	2	30	
108-10-1	4-Methyl-2-pen	itanone	0.00	0.000113	0.050	0.045	90	60 - 135	0.044	88	2	30	
100-42-5	Styrene		0.00	0.0000821	0.050	0.049	97	65 - 135	0.048	97	2	30	
127-18-4	Tetrachloroeth	ene	0.00	0.000200	0.050	0.049	98	45 - 150	0.050	100	2	30	
79-34-5	1,1,2,2-Tetrach	loroethane	0.00	0.000148	0.050	0.052	103	65 - 130	0.054	108	4	30	
120-82-1	1,2,4-Trichlorol	benzene	0.00	0.000223	0.050	0.043	87	65 - 135	0.046	91	7	30	
71-55-6	1,1,1-Trichloro	ethane	0.00	0.0000683	0.050	0.050	100	65 - 130	0.048	96	4	30	
79-00-5	1,1,2-Trichloroethane		0.00	0.000146	0.050	0.047	95	75 - 125	0.048	96	2	30	
75-69-4	5-69-4 Trichlorofluoromethane		0.00	0.0000638	0.050	0.047	95	60 - 145	0.051	101	8	30	
75-01-4	•		0.00	0.0000538	0.050	0.044	87	50 - 145	0.056	112	24	30	
96-12-8	96-12-8 1,2-Dibromo-3-chloropropane		0.00	0.000356	0.050	0.044	88	50 - 130	0.048	97	9	30	
106-93-4	1,2-Dibromoeth	nane	0.00	0.000158	0.050	0.051	102	80 - 120	0.054	107	6	30	
1634-04-4	tert-Butyl meth	yl ether (MTBE)	0.00	0.0000756	0.050	0.047	95	65 - 125	0.050	101	6	30	
1330-20-7	Xylene (total)		0.00	0.000194	0.150	0.147	98	75 - 130	0.146	97	0.7	30	

Analytical Bato	h 392648	Client ID	MW-12			621273MS			621273MSD				
Prep Bato	h N/A	GCAL ID	20807032001			625247			625248				
		Sample Type	SAMPLE			MS	MSD						
		Analytical Date	07/13/2008 21:23			07/13/2008 22:52			07/13/2008 23:14				
		Matrix	Water			Water	Water						
	SW-846 826	enD	Units	mg/L	Spike	Result		Control	Result			RPD	
'	3VV-040 020	DUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
108-87-2	Methylcyclohex	ane	0.00	0.0000921	0.050	0.050	99	77 - 123	0.047	94	6	30	
110-82-7	Cyclohexane		0.00	0.0000722	0.050	0.047	94	71 - 127	0.047	94	0	30	
79-20-9	Methyl Acetate		0.00	0.000375	0.050	0.050	99	55 - 134	0.045	90	11	30	
76-13-1	Trichlorotrifluor	oethane	0.00	0.000168	0.050	0.047	95	72 - 130	0.049	99	4	30	
541-73-1	1,3-Dichlorober	nzene	0.00	0.0000861	0.050	0.055	110	65 - 130	0.056	112	2	30	
106-46-7	1,4-Dichlorober	nzene	0.00	0.0000961	0.050	0.049	99	65 - 130	0.050	100	2	30	
95-50-1	1,2-Dichlorober	nzene	0.00	0.000109	0.050	0.055	110	70 - 120	0.056	112	2	30	
91-20-3	Naphthalene		0.00	0.000245	0.050	0.042	83	55 - 140	0.046	92	9	30	
75-35-4	1,1-Dichloroeth	iene	0.00	0.0000961	0.050	0.046	91	70 - 130	0.050	101	8	30	
71-43-2	Benzene		0.00	0.0000624	0.050	0.049	98	80 - 120	0.049	98	0	30	
79-01-6	Trichloroethene	e	0.00	0.000164	0.050	0.054	108	70 - 125	0.052	105	4	30	
108-88-3	Toluene		0.00	0.0000675	0.050	0.049	98	75 - 120	0.049	98	0	30	
108-90-7	Chlorobenzene	•	0.00	0.0000631	0.050	0.049	98	80 - 120	0.049	97	0	30	
Surrogate													
460-00-4	4-Bromofluorob	enzene	.048	95	50	49.8	100	75 - 120	50.2	100			
1868-53-7	53-7 Dibromofluoromethane		.051	102	50	49.1	98	85 - 115	49	98			
2037-26-5	Toluene d8		.056	111	50	45.4	91	85 - 120	45.6	91			
17060-07-0	1,2-Dichloroeth	ane-d4	.05	100	50	50.5	101	70 - 120	49.4	99			

CASE NARRATIVE

Client: Aerostar Report: 208070320

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

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

Laboratory Endorsement

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

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL DO Indicates the result was Diluted Out

MI Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit

MDL Method Detection Limit

RDL Reporting Detection Limit00:00 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 208070320
THIS REPORT CONTAINS __ PAGES.

Chain of Custody Record

Chain of Custody Record

Lab Report No.:

Company:							Gulf Coast LabNet, Inc.						Modified from DEP Form #: 62-770.900(2) Page / of 2							
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800	1100) (,	ST.	STE	E. A	2]	Fax: (25	1) 625	-1299		Project No.:								
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MATRIX CO	DDES: A	A = Air	GW = Gr	oundwat	er SE	= Sedim	nent 5	SO = Soi	il SV	V = Sur	face Wate		-	er (Blan	iks) (O = Other (specify)				
PRESERVA	TIVE COD	ES:	H = Hydroc	hloric a	cid + ice	I = I	Ice only	N=	= Nitric	acid + i	ice S	= Sulf	furic aci	d + ice	0 =	Other (specify)				

Chain of Custody Record Lab Report No .: Page of Company: Modified from DEP Form #: 62-770,900(2) Gulf Coast LabNet, Inc. EROSTAR FDEP Facility No. An Environmental Lab Services Co. ROOKLEY FIELD ONS-28 Address: Project Name: Phone: (251) 625-1331 Location: Fax: (251) 625-1299 Project No.: Phone: Attn: ←Preservative Fax: ←Analysis Sampler Signature REQUESTED DUE DATE Adam Davis / Precostor Item Sampled Grab Matrix No. Remarks Lab. No. No. Field ID No. Date Time or Codes Cont. Comp. OM528-3 -10 -11 -12 PROES /22 ←Total Number of Containers Shipment Method Relinquished by / Affiliation Accepted/by / Affiliation Time Out: Via: Item # Date Date Time 7-2-08 Returned: Via: 1800 7-2-08 Additional Comments 3' 0920 0920 Cooler No.(s) / Temperature(s) (°C) Sampling Kit No. Equipment ID No. 7358 SO = Soil MATRIX CODES: GW = Groundwater SE = Sediment SW = Surface Water W = Water (Blanks) A = AirO = Other (specify) PRESERVATIVE CODES: H = Hydrochloric acid + ice N = Nitric acid + ice S = Sulfuric acid + iceO = Other (specify)I = Ice only

To: Aerostar

Job ID: AOC-001 BROOKLEY

Attn: Marshall Eschette

GCAL Report 208060722

Report Date 06/30/2008

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
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

Summary of Compounds Detected

GCAL ID 20806072201	Client ID OMS-28-1 (0-5)	Matrix Solid	Collect Date/Time 06/06/2008 10:00		Receive Date/Time 06/07/2008 09:00	
SW-846 826	60B					
CAS#	Parameter		Result	RDL	MDL	Units
78-93-3	2-Butanone		0.00485J	0.00519	0.000324	mg/kg
67-64-1	Acetone		0.031	0.026	0.000388	mg/kg
SW-846 747	71A					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.084	0.011	0.0043	mg/kg
SW-846 60 ²	10B					
CAS#	Parameter		Result	RDL	MDL	Units
7440-38-2	Arsenic		1.64B	1.80	0.12	mg/kg
7440-39-3	Barium		26.7	0.45	0.016	mg/kg
7440-47-3	Chromium		7.88	0.45	0.017	mg/kg
7439-92-1	Lead		23.0	0.67	0.064	mg/kg
7440-22-4	Silver		0.043B	0.45	0.026	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05		06/07/2008 09:00	
SW-846 747	71A					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.19	0.012	0.0048	mg/kg
SW-846 60	10B					
CAS#	Parameter		Result	RDL	MDL	Units
7440-38-2	Arsenic		13.5	1.98	0.13	mg/kg
7440-39-3	Barium		119	0.50	0.017	mg/kg
7440-47-3	Chromium		6.95	0.50	0.019	mg/kg
7439-92-1	Lead		245	0.74	0.071	mg/kg
7782-49-2	Selenium		0.38B	1.98	0.17	mg/kg
7440-22-4	Silver		0.072B	0.50	0.029	mg/kg
SW-846 826	60B					
CAS#	Parameter		Result	RDL	MDL	Units
78-93-3	2-Butanone		0.016	0.00671	0.000418	mg/kg
67-64-1	Acetone		0.103	0.034	0.000502	mg/kg
67-66-3	Chloroform		0.00395J	0.00671	0.000189	mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID Matrix Collect Date/Time		Receive Date/Time			
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	0	6/07/2008 09:00	
SW-846 747	71A					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.0090B	0.011	0.0044	mg/kg
SW-846 826	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.030J	0.047	0.000700	mg/kg
SW-846 601	10B					
CAS#	Parameter		Result	RDL	MDL	Units
7440-38-2	Arsenic		2.09	1.79	0.12	mg/kg
7440-39-3	Barium		5.13	0.45	0.016	mg/kg
7440-47-3	Chromium		8.53	0.45	0.017	mg/kg
7439-92-1	Lead		0.92	0.67	0.064	mg/kg
7782-49-2	Selenium		0.16B	1.79	0.15	mg/kg
7440-22-4	Silver		0.081B	0.45	0.026	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		eceive Date/Time	
GCAL ID 20806072204	Client ID OMS-28-1 (65-70)	Matrix Solid	Collect Date/Time 06/06/2008 11:35		eceive Date/Time 6/07/2008 09:00	
	OMS-28-1 (65-70)					
20806072204	OMS-28-1 (65-70)					Units
20806072204 SW-846 747	OMS-28-1 (65-70) 71A		06/06/2008 11:35	0	6/07/2008 09:00	Units mg/kg
20806072204 SW-846 747 CAS#	OMS-28-1 (65-70) 71 A Parameter Mercury		06/06/2008 11:35 Result	0 RDL	6/07/2008 09:00 MDL	
20806072204 SW-846 747 CAS# 7439-97-6	OMS-28-1 (65-70) 71 A Parameter Mercury		06/06/2008 11:35 Result	0 RDL	6/07/2008 09:00 MDL	
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601	OMS-28-1 (65-70) 71A Parameter Mercury		06/06/2008 11:35 Result 0.020	RDL 0.012	6/07/2008 09:00 MDL 0.0047	mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS#	OMS-28-1 (65-70) 71A Parameter Mercury 10B Parameter		06/06/2008 11:35 Result 0.020 Result	RDL 0.012 RDL	MDL 0.0047	mg/kg Units
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2	OMS-28-1 (65-70) 71 A Parameter Mercury 10B Parameter Arsenic		06/06/2008 11:35 Result 0.020 Result 0.40B	RDL 0.012 RDL 1.94	MDL 0.0047 MDL 0.13	mg/kg Units mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2 7440-39-3	OMS-28-1 (65-70) 71 A Parameter Mercury 10B Parameter Arsenic Barium		06/06/2008 11:35 Result 0.020 Result 0.40B 31.0	RDL 0.012 RDL 1.94 0.48	MDL 0.0047 MDL 0.13 0.017	mg/kg Units mg/kg mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2 7440-39-3 7440-47-3	OMS-28-1 (65-70) 71 A Parameter Mercury IOB Parameter Arsenic Barium Chromium		06/06/2008 11:35 Result 0.020 Result 0.40B 31.0 10.6	RDL 0.012 RDL 1.94 0.48 0.48	MDL 0.0047 MDL 0.13 0.017 0.018	mg/kg Units mg/kg mg/kg mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2 7440-39-3 7440-47-3 7439-92-1	OMS-28-1 (65-70) 71 A Parameter Mercury IOB Parameter Arsenic Barium Chromium Lead		06/06/2008 11:35 Result 0.020 Result 0.40B 31.0 10.6 3.34	RDL 0.012 RDL 1.94 0.48 0.48 0.73	MDL 0.0047 MDL 0.13 0.017 0.018 0.069	mg/kg Units mg/kg mg/kg mg/kg mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2 7440-39-3 7440-47-3 7439-92-1 7782-49-2	OMS-28-1 (65-70) 71 A Parameter Mercury IOB Parameter Arsenic Barium Chromium Lead Selenium Silver		06/06/2008 11:35 Result 0.020 Result 0.40B 31.0 10.6 3.34 0.30B	RDL 0.012 RDL 1.94 0.48 0.48 0.73 1.94	MDL 0.0047 MDL 0.13 0.017 0.018 0.069 0.17	Units mg/kg mg/kg mg/kg mg/kg mg/kg
20806072204 SW-846 747 CAS# 7439-97-6 SW-846 601 CAS# 7440-38-2 7440-39-3 7440-47-3 7439-92-1 7782-49-2 7440-22-4	OMS-28-1 (65-70) 71 A Parameter Mercury IOB Parameter Arsenic Barium Chromium Lead Selenium Silver		06/06/2008 11:35 Result 0.020 Result 0.40B 31.0 10.6 3.34 0.30B	RDL 0.012 RDL 1.94 0.48 0.48 0.73 1.94	MDL 0.0047 MDL 0.13 0.017 0.018 0.069 0.17	Units mg/kg mg/kg mg/kg mg/kg mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 06/14/2008 01:06	By Analytical JCK 375646	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000128U	0.00519	0.000128	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000187U	0.00519	0.000187	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000118U	0.00519	0.000118	mg/kg
75-34-3	1,1-Dichloroethane	0.000165U	0.00519	0.000165	mg/kg
75-35-4	1,1-Dichloroethene	0.000372U	0.00519	0.000372	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000339U	0.00519	0.000339	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.000898U	0.00519	0.000898	mg/kg
106-93-4	1,2-Dibromoethane	0.000156U	0.00519	0.000156	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000118U	0.00519	0.000118	mg/kg
107-06-2	1,2-Dichloroethane	0.000118U	0.00519	0.000118	mg/kg
78-87-5	1,2-Dichloropropane	0.000116U	0.00519	0.000116	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000245U	0.00519	0.000245	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000437U	0.00519	0.000437	mg/kg
78-93-3	2-Butanone	0.00485J	0.00519	0.000324	mg/kg
591-78-6	2-Hexanone	0.000857U	0.00519	0.000857	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000179U	0.00519	0.000179	mg/kg
67-64-1	Acetone	0.031	0.026	0.000388	mg/kg
71-43-2	Benzene	0.000108U	0.00519	0.000108	mg/kg
75-27-4	Bromodichloromethane	0.000140U	0.00519	0.000140	mg/kg
75-25-2	Bromoform	0.000175U	0.00519	0.000175	mg/kg
74-83-9	Bromomethane	0.00156U	0.00519	0.00156	mg/kg
75-15-0	Carbon disulfide	0.000113U	0.00519	0.000113	mg/kg
56-23-5	Carbon tetrachloride	0.000124U	0.00519	0.000124	mg/kg
108-90-7	Chlorobenzene	0.000171U	0.00519	0.000171	mg/kg
75-00-3	Chloroethane	0.000628U	0.00519	0.000628	mg/kg
67-66-3	Chloroform	0.000146U	0.00519	0.000146	mg/kg
74-87-3	Chloromethane	0.000481U	0.00519	0.000481	mg/kg
110-82-7	Cyclohexane	0.00115U	0.00519	0.00115	mg/kg
124-48-1	Dibromochloromethane	0.0000933U	0.00519	0.0000933	mg/kg
75-71-8	Dichlorodifluoromethane	0.000378U	0.00519	0.000378	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000119U	0.00519	0.000119	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000146U	0.00519	0.000146	mg/kg
100-41-4	Ethylbenzene	0.000215U	0.00519	0.000215	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000159U	0.00519	0.000159	mg/kg
79-20-9	Methyl Acetate	0.00159U	0.00519	0.00159	mg/kg
108-87-2	Methylcyclohexane	0.000384U	0.00519	0.000384	mg/kg
75-09-2	Methylene chloride	0.000497U	0.010	0.000497	mg/kg
91-20-3	Naphthalene	0.000390U	0.00519	0.000390	mg/kg
100-42-5	Styrene	0.000158U	0.00519	0.000158	mg/kg
127-18-4	Tetrachloroethene	0.000199U	0.00519	0.000199	mg/kg
108-88-3	Toluene	0.000570U	0.00519	0.000570	mg/kg
79-01-6	Trichloroethene	0.000184U	0.00519	0.000184	mg/kg
75-69-4	Trichlorofluoromethane	0.000261U	0.00519	0.000261	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000195U	0.00519	0.000195	mg/kg
75-01-4	Vinyl chloride	0.000364U	0.00519	0.000364	mg/kg
1330-20-7	Xylene (total)	0.000593U	0.010	0.000593	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000131U	0.00519	0.000131	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000767U	0.00519	0.0000767	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000170U	0.00519	0.000170	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/14/2008 01:06	By JCK	Analytical 375646	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.046	.043	mg/kg		93	85 - 120
1868-53-7	Dibromofluoromethane	.046	.05	mg/kg		107	65 - 135
2037-26-5	Toluene d8	.046	.051	mg/kg		111	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.046	.057	mg/kg		122	52 - 149

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00

SW-846 7471A

Prep Date 06/07/2008 16	Prep Batch 375162	Prep Method SW-846 7471A	Dilution 1	Analyzed 06/10/2008 10:51	By DJH	Analytical Batch 375299	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.084	0.011		0.0043	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00

SW-846 6010B

Prep Date 06/07/2008 16:	Prep Batch 45 375159	Prep Method SW-846 3050B	Dilution 1	Analyzed 06/12/2008 23:06	By CLB	Analytical Batch 375528	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		1.64B	1.80		0.12	mg/kg
7440-39-3	Barium		26.7	0.45		0.016	mg/kg
7440-43-9	Cadmium		0.0056U	0.22		0.0056	mg/kg
7440-47-3	Chromium		7.88	0.45		0.017	mg/kg
7439-92-1	Lead		23.0	0.67		0.064	mg/kg
7782-49-2	Selenium		0.15U	1.80		0.15	mg/kg
7440-22-4	Silver		0.043B	0.45		0.026	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072201	OMS-28-1 (0-5)	Solid	06/06/2008 10:00	06/07/2008 09:00

SM 2540G Dry Weight

	<u> </u>						
Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
			1	06/10/2008 10:53	KLS	375212	
CAS#	Parameter		Result	RDL		MDL	Units
WET-037	Total Moisture		11.1	0.010		0.010	%

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 06/14/2008 02:13	By Analytical E JCK 375646	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000165U	0.00671	0.000165	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000241U	0.00671	0.000241	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000153U	0.00671	0.000153	mg/kg
75-34-3	1,1-Dichloroethane	0.000213U	0.00671	0.000213	mg/kg
75-35-4	1,1-Dichloroethene	0.000481U	0.00671	0.000481	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000439U	0.00671	0.000439	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00116U	0.00671	0.00116	mg/kg
106-93-4	1,2-Dibromoethane	0.000201U	0.00671	0.000201	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000153U	0.00671	0.000153	mg/kg
107-06-2	1,2-Dichloroethane	0.000153U	0.00671	0.000153	mg/kg
78-87-5	1,2-Dichloropropane	0.000150U	0.00671	0.000150	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000316U	0.00671	0.000316	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000565U	0.00671	0.000565	mg/kg
78-93-3	2-Butanone	0.016	0.00671	0.000418	mg/kg
591-78-6	2-Hexanone	0.00111U	0.00671	0.00111	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000232U	0.00671	0.000232	mg/kg
67-64-1	Acetone	0.103	0.034	0.000502	mg/kg
71-43-2	Benzene	0.000139U	0.00671	0.000139	mg/kg
75-27-4	Bromodichloromethane	0.000181U	0.00671	0.000181	mg/kg
75-25-2	Bromoform	0.0001010 0.000227U	0.00671	0.000101	mg/kg
74-83-9	Bromomethane	0.00227 U	0.00671	0.00202	mg/kg
75-15-0	Carbon disulfide	0.002020 0.000146U	0.00671	0.00202	mg/kg
56-23-5	Carbon distillate Carbon tetrachloride	0.0001400 0.000161U	0.00671	0.000140	mg/kg
108-90-7	Chlorobenzene	0.0001010 0.000221U	0.00671	0.000101	
75-00-3	Chloroethane	0.0002210 0.000813U	0.00671	0.000221	mg/kg mg/kg
67-66-3	Chloroform	0.000813U	0.00671 0.00671	0.00013 0.000189	
74-87-3	Chloromethane	0.003 933 0.000622U	0.00671	0.000189	mg/kg
			0.00671	0.000622	mg/kg
110-82-7	Cyclohexane	0.00148U			mg/kg
124-48-1	Dibromochloromethane Dichlorodifluoromethane	0.000121U	0.00671	0.000121	mg/kg
75-71-8		0.000488U	0.00671	0.000488	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000154U	0.00671	0.000154	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000189U	0.00671	0.000189	mg/kg
100-41-4	Ethylbenzene	0.000278U	0.00671	0.000278	mg/kថ្
98-82-8	Isopropylbenzene (Cumene)	0.000205U	0.00671	0.000205	mg/kg
79-20-9	Methyl Acetate	0.00205U	0.00671	0.00205	mg/kg
108-87-2	Methylcyclohexane	0.000496U	0.00671	0.000496	mg/kg
75-09-2	Methylene chloride	0.000642U	0.013	0.000642	mg/kg
91-20-3	Naphthalene	0.000504U	0.00671	0.000504	mg/kg
100-42-5	Styrene	0.000204U	0.00671	0.000204	mg/kg
127-18-4	Tetrachloroethene	0.000257U	0.00671	0.000257	mg/kg
108-88-3	Toluene	0.000738U	0.00671	0.000738	mg/kg
79-01-6	Trichloroethene	0.000237U	0.00671	0.000237	mg/kg
75-69-4	Trichlorofluoromethane	0.000338U	0.00671	0.000338	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000252U	0.00671	0.000252	mg/kg
75-01-4	Vinyl chloride	0.000471U	0.00671	0.000471	mg/kg
1330-20-7	Xylene (total)	0.000767U	0.013	0.000767	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000169U	0.00671	0.000169	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000992U	0.00671	0.0000992	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000220U	0.00671	0.000220	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/14/2008 02:13	•	5646
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recover	ry Rec Limits
460-00-4	4-Bromofluorobenzene	.054	.047	mg/kg	8	85 - 120
1868-53-7	Dibromofluoromethane	.054	.061	mg/kg	11	2 65 - 135
2037-26-5	Toluene d8	.054	.061	mg/kg	11	3 85 - 115
17060-07-0	1,2-Dichloroethane-d4	.054	.067	mg/kg	12	24 52 - 149

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00

SW-846 7471A

Prep Date 06/07/2008 16	Prep Batch 375162	Prep Method SW-846 7471A	Dilution 1	Analyzed 06/10/2008 10:53	By DJH	Analytical Batch 375299	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.19	0.012		0.0048	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00

SW-846 6010B

Prep Date 06/07/2008 16:	Prep Batch :45 375159	Prep Method SW-846 3050B	Dilution 1	Analyzed 06/12/2008 23:12	By CLB	Analytical Batch 375528	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		13.5	1.98		0.13	mg/kg
7440-39-3	Barium		119	0.50		0.017	mg/kg
7440-43-9	Cadmium		0.0062U	0.25		0.0062	mg/kg
7440-47-3	Chromium		6.95	0.50		0.019	mg/kg
7439-92-1	Lead		245	0.74		0.071	mg/kg
7782-49-2	Selenium		0.38B	1.98		0.17	mg/kg
7440-22-4	Silver		0.072B	0.50		0.029	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072202	OMS-28-1 (5-10)	Solid	06/06/2008 10:05	06/07/2008 09:00

SM 2540G Dry Weight

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/10/2008 10:53	By KLS	Analytical Batch 375212	
CAS#	Parameter		Result	RDL		MDL	Units
WET-037	Total Moisture		19.3	0.010		0.010	%

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00

71-55-6 1.1.1-Trichloroethane 0.000230U 0.00936 0.000230 79-34-5 1,12,2-Tetrachloroethane 0.000337U 0.00936 0.000237 79-34-5 1,12,2-Tetrachloroethane 0.000238U 0.00936 0.000237 75-34-3 1.1-Dichloroethane 0.00028U 0.00936 0.000238 120-82-1 1.1-Dichloroethane 0.000672U 0.00936 0.000288 120-82-1 1.2-Dichloroethane 0.000672U 0.00936 0.000672 120-82-1 1.2-Dichloroethane 0.000672U 0.00936 0.000672 120-82-1 1.2-Dichloroethane 0.000672U 0.00936 0.000672 120-82-1 1.2-Dichloroethane 0.000672U 0.00936 0.000672 120-82-1 1.2-Dichloroethane 0.000281U 0.00936 0.000281 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.00936 0.000381 0.000381 0.00936 0.000381 0.0003	Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/14/2008 01:28	By JCK	Analytical Ba 375646	tch
79-34-5 1,1,2,2-Trichioroethane 0.000337U 0.00938 0.000337 79-00-5 1,1,2-Trichioroethane 0.000238U 0.00938 0.000213 75-36-4 1,1-Dichioroethane 0.000298U 0.00938 0.000298	CAS#	Parameter		Result	RDL		MDL	Units
79-34-5 1,1,2,2-Tietanchrorethane 0.000337U 0.00936 0.000337 75-90-05 1,1,2-Tiethorethane 0.000213U 0.00936 0.000213 75-34-3 1,1-Dichloroethane 0.00028U 0.00936 0.000298 1 1,1-Dichloroethane 0.000672U 0.00936 0.000072 1 1,1-Dichloroethane 0.000672U 0.00936 0.000072 1 1,1-Dichloroethane 0.000672U 0.00936 0.0000672 1 1,1-Dichloroethane 0.000672U 0.00936 0.0000672 1 1,1-Dichloroethane 0.000672U 0.00936 0.0000672 1 1,1-Dichloroethane 0.000281U 0.00936 0.000621 1 1,1-Dichloroethane 0.000281U 0.00936 0.000281 1 1,1-Dichloroethane 0.000788U 0.00936 0.000088 1 1,1-Dichloroethane 0.000788U 0.00936 0.000088 1 1,1-Dichloroethane 0.000788U 0.00936 0.000088 1 1,1-Dichloroethane 0.000788U 0.00936 0.000584 1 1,1-Dichloroethane 0.00038U 0.00936 0.00038 1 1,1-Dichloroethane 0.00038U 0.00936 0.00038 0.00038 1 1,1-Dichloroethane 0.00038U 0.00936 0.00038 0.00038 1 1,1-Dichloroethane 0.00038U 0.00936 0.000	71-55-6	1,1,1-Trichloroethane		0.000230U	0.00936	(0.000230	mg/kg
78-00-5 1,1,2 Trichloroethane 0.000213U 0.00936 0.000213 1 75-34-3 1,1-Dichloroethane 0.00028U 0.00936 0.000938 1 75-35-4 1,1-Dichloroethene 0.000672U 0.00936 0.000672 1 120-82-1 1,2,4-Trichlorobenzene 0.000612U 0.00936 0.000612 1 106-33-4 1,2-Dibromo-chloropropane 0.00162U 0.00936 0.000612 1 106-33-4 1,2-Dibromo-chloropropane 0.00162U 0.00936 0.000612 1 106-33-4 1,2-Dichlorobenzene 0.000213U 0.00936 0.000281 1 107-06-2 1,2-Dichlorobenzene 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichlorobenzene 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichlorobenzene 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichlorobenzene 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichlorobenzene 0.000213U 0.00936 0.000210 1 106-46-7 1,3-Dichlorobenzene 0.00042U 0.00936 0.000210 1 106-46-7 1,3-Dichlorobenzene 0.00042U 0.00936 0.000210 1 106-46-7 1,3-Dichlorobenzene 0.000584U 0.00936 0.000284 1 106-46-7 1,3-Dichlorobenzene 0.000584U 0.00936 0.000284 1 108-10-1 1	79-34-5	1,1,2,2-Tetrachloroethane			0.00936	(0.000337	mg/kg
75-34-3 1,1-Dichloroethane 0.000288U 0.00938 0.0000672 75-35-4 1,1-Dichloroethene 0.000672U 0.00936 0.000612 120-82-1 1,2-Dichrome-Schloropropane 0.00162U 0.00936 0.00662 96-12-8 1,2-Dichrome-Schloropropane 0.00162U 0.00936 0.000281 95-50-1 1,2-Dichloroethane 0.000213U 0.00936 0.000213 95-50-1 1,2-Dichloroethane 0.000213U 0.00936 0.000213 78-87-5 1,2-Dichloroethane 0.000210U 0.00936 0.000210 541-73-1 1,3-Dichlorobenzene 0.000442U 0.00936 0.00042 641-73-1 1,4-Dichlorobenzene 0.000442U 0.00936 0.000442 541-73-1 1,4-Dichlorobenzene 0.000584U 0.00936 0.000458 541-73-1 1,4-Dichlorobenzene 0.000584U 0.00936 0.000584 511-78-6 2,1-Beanone 0.000584U 0.00936 0.000584 511-78-6 2,1-Beanone 0.00155U 0.00936 0.0	79-00-5	1,1,2-Trichloroethane			0.00936	(0.000213	mg/kg
75-35-4 1.1-Dichloroethene 0.000672U 0.00936 0.000672 120-82-1 1.2-A Trichlorobenzene 0.000612U 0.00936 0.000612 106-93-4 1.2-Dibromoethane 0.000281U 0.00936 0.000281 107-06-2 1.2-Dichlorobenzene 0.000213U 0.00936 0.000213 107-06-2 1.2-Dichloroperpane 0.000213U 0.00936 0.000213 541-73-1 1.3-Dichlorobenzene 0.000210U 0.00936 0.000213 106-46-7 1.4-Dichlorobenzene 0.000442U 0.00936 0.000216 106-46-7 1.4-Dichlorobenzene 0.000788U 0.00936 0.000788 591-78-6 2-Hexanone 0.000788U 0.00936 0.000788 591-78-6 2-Hexanone 0.00155U 0.00936 0.00155 108-10-1 4-Methyl-2-pentanne 0.00155U 0.00936 0.000155 75-27-4 Benzene 0.00195U 0.00936 0.00075 75-27-4 Bernsone 0.00195U 0.00036 0.00025	75-34-3	1,1-Dichloroethane		0.000298U	0.00936	(0.000298	mg/kg
120-82-1 1,2,4-Trichlorobenzene 0,000612U 0,00936 0,000612 1,00693-4 1,2-Dibromo-3-chloropropane 0,00162U 0,00936 0,000281 1,00693-4 1,2-Dibromo-3-chloropropane 0,000281U 0,00936 0,000281 1,00936 0,000281 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000213 1,00936 0,000214 1,00936 0,000210	75-35-4				0.00936	(0.000672	mg/kg
96-12-8		•		0.000612U	0.00936	(0.000612	mg/kg
106-93-4		, ,	ne					mg/kg
95-50-1 1,2-Dichlorobenzene 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichloroethane 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichloroethane 0.000213U 0.00936 0.000213 1 107-06-2 1,2-Dichloropropane 0.000210U 0.00936 0.000215 1 1,2-Dichlorobenzene 0.000210U 0.00936 0.000215 1 1,2-Dichlorobenzene 0.000214U 0.00936 0.000058 1 106-46-7 1,4-Dichlorobenzene 0.000584U 0.00936 0.00058 1 106-46-7 1,4-Dichlorobenzene 0.000584U 0.00936 0.00058 1 108-90-1 1 1,4-Dichlorobenzene 0.000584U 0.00936 0.00058 1 108-10-1 1 108-10						(mg/kg
107-06-2 1,2-Dichloroethane 0.000213U 0.00936 0.000213 1.8-Tichloropropane 0.000210U 0.00936 0.000210 1.7-Tichloropropane 0.000210U 0.00936 0.000210 1.7-Tichlorobenzene 0.00024U 0.00936 0.000788 1.7-Tichlorobenzene 0.000788U 0.00936 0.000788 1.7-Tichlorobenzene 0.000788U 0.00936 0.000788 1.7-Tichlorobenzene 0.000788U 0.00936 0.000788 1.7-Tichlorobenzene 0.000788U 0.00936 0.000155 1.7-Tichlorobenzene 0.000324U 0.00936 0.000155 1.7-Tichlorobenzene 0.000324U 0.00336 0.000324 1.7-Tichlorobenzene 0.000324U 0.00336 0.000324 1.7-Tichlorobenzene 0.000325U 0.00936 0.000195 1.7-Tichlorobenzene 0.000316U 0.000336 0.000253 1.7-Tichlorobenzene 0.000316U 0.000336 0.000253 1.7-Tichlorobenzene 0.000316U 0.000336 0.000253 1.7-Tichlorobenzene 0.000336 0.000254 1.7-Tichlorobenzene 0.000254U 0.00336 0.000254 1.7-Tichlorobenzene 0.000336 0.00		•						mg/kg
78-87-5 1,2-Dichloropropane 0.000210U 0.00936 0.000210 541-73-1 1,3-Dichlorobenzene 0.000442U 0.00936 0.000442 1.561647-3-1 1,3-Dichlorobenzene 0.000788U 0.00936 0.000788 1.606646-7 1,4-Dichlorobenzene 0.000584U 0.00936 0.000584 1.606746-1 1.606746-1 1.606746-1 1.606746-1 1.606746-1 1.606746-1 1.60674-1 1.60674-1 1.60674-1 1.60674-1 1.60674-1 1.60674-1 1.60674-1 1.60674-1 1.60070-1								mg/kg
541-73-1 1,3-Dichlorobenzene 0.000442U 0.00936 0.000442 1 106-46-7 1,4-Dichlorobenzene 0.000788U 0.00936 0.000788 1 78-93-3 2-Butanone 0.000584U 0.00936 0.000155 1 591-78-6 2-Hexanone 0.00155U 0.00936 0.000155 1 108-10-1 4-Methyl-2-pentanone 0.00324U 0.00936 0.000324 1 71-43-2 Benzene 0.0030U 0.0047 0.00070 1 75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 1 75-27-4 Bromoform 0.00228U 0.00936 0.000224 1 75-25-2 Bromofethane 0.00228U 0.00936 0.00228 1 75-15-0 Carbon disulfide 0.000204U 0.00936 0.000224 1 75-15-0 Carbon terterachloride 0.000225U 0.00936 0.000224 1 108-90-7 Chlorobenzene 0.000399U 0.00936 0.0002		•						mg/kg
106-46-7 1,4-Dichlorobenzene 0.000788U 0.00936 0.000788 78-93-3 2-Butanone 0.000584U 0.00936 0.000584 59-17-86-6 2-Hexanone 0.00155U 0.00936 0.000324 108-10-1 4-Methyl-2-pentanone 0.00324U 0.00936 0.000324 67-64-1 Acetone 0.030U 0.047 0.000700 r 71-43-2 Benzene 0.000195U 0.00936 0.000253 0.000253 0.000253 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264 0.000264		·						mg/kg
78-93-3 2-Butanone 0.000584U 0.0036 0.000584 1 91-78-6 2-Hexanone 0.00155U 0.00936 0.00155 1 108-10-1 4-Methyl-2-pentanone 0.000324U 0.00936 0.000324 6 67-64-1 Acetone 0.00195U 0.00936 0.000195 7 75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 0 75-25-2 Bromoform 0.00316U 0.0036 0.000316 0 0 74-83-9 Bromomethane 0.00282U 0.00936 0.000284 0		·						mg/kg
591-78-6 2-Hexanone 0.00155U 0.00936 0.00155 1 108-10-1 4-Methyl-2-pentanone 0.000324U 0.00936 0.000324 6 67-64-1 Acetone 0.030J 0.047 0.000700 r 71-43-2 Benzene 0.000195U 0.00936 0.000195 1 75-27-4 Bromoform 0.000316U 0.00936 0.000253 1 74-83-9 Bromomethane 0.00282U 0.00936 0.000262 1 74-83-9 Bromomethane 0.00022U 0.00936 0.000264 1 75-15-0 Carbon disulfide 0.00022U 0.00936 0.000225 1 108-90-7 Chloroberzene 0.00029U 0.00936 0.000225 1 108-90-7 Chlorothane 0.00113U 0.00936 0.000264 1 75-00-3 Chlorothane 0.00168U 0.00936 0.000264 1 74-87-3 Chlorothane 0.000264U 0.00936 0.000264 1 <t< td=""><td></td><td>·</td><td></td><td></td><td></td><td></td><td></td><td>mg/kg</td></t<>		·						mg/kg
108-10-1 4-Methyl-2-pentanone 0.000324U 0.00936 0.000324 1 67-64-1 Acetone 0.030J 0.047 0.000700 1 71-43-2 Benzene 0.000195U 0.00936 0.000195 1 75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 1 75-25-2 Bromomethane 0.00031EU 0.00936 0.00026 1 75-15-0 Carbon disulfide 0.000264U 0.00936 0.000225 1 66-23-5 Carbon tetrachloride 0.000295U 0.00936 0.000225 1 108-90-7 Chlorobenzene 0.00113U 0.00936 0.00013 1 67-66-3 Chloroform 0.00264U 0.00936 0.00013 1 67-66-3 Chloromethane 0.000264U 0.00936 0.000264 1 10-82-7 Cyclohexane 0.00027U 0.00936 0.000264 1 10-81-8 Dichlorodifluoromethane 0.000681U 0.00936 0.00026						,		mg/kg
67-64-1 Acetone 0.030J 0.047 0.000700 r 71-43-2 Benzene 0.000195U 0.00936 0.000195 1 75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 1 75-25-2 Bromoform 0.000316U 0.00936 0.000282 1 74-83-9 Bromomethane 0.000224U 0.00936 0.000224 1 56-23-5 Carbon disulfide 0.000225U 0.00936 0.000225 1 108-90-7 Chlorobenzene 0.000309U 0.00936 0.000309 1 75-0-3 Chlorothane 0.00113U 0.00936 0.000224 1 76-0-3 Chlorothane 0.00113U 0.00936 0.000264 1 74-87-3 Chloromethane 0.00113U 0.00936 0.000264 1 74-87-3 Cyclohexane 0.00267U 0.00936 0.000264 1 110-82-7 Cyclohexane 0.002601BU 0.00936 0.00026 1						,		
71-43-2 Benzene 0.000195U 0.00936 0.000195 75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 75-25-2 Bromoform 0.000316U 0.00936 0.000316 74-83-9 Bromomethane 0.00282U 0.00936 0.00228 75-15-0 Carbon disulfide 0.000225U 0.00936 0.000225 56-23-5 Carbon tetrachloride 0.000225U 0.00936 0.000399 75-00-3 Chlorobenzene 0.000399U 0.00936 0.000399 75-00-3 Chloroffrm 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000269U 0.00936 0.000267 110-82-7 Cyclohexane 0.00227U 0.00936 0.00027 124-48-1 Dibromochloromethane 0.000288U 0.00936 0.000281 10061-01-5 cis-1,3-Dichloropropene 0.0002881U 0.00936 0.000281 10061-02-6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>mg/kg</td>								mg/kg
75-27-4 Bromodichloromethane 0.000253U 0.00936 0.000253 75-25-2 Bromoform 0.000316U 0.00936 0.000316 74-83-9 Bromomethane 0.00028U 0.00936 0.000282 75-15-0 Carbon disulfide 0.000204U 0.00936 0.000225 108-90-7 Chlorobenzene 0.000399U 0.00936 0.000399 75-0-03 Chloroethane 0.00113U 0.00936 0.000264 76-66-3 Chloromethane 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000264U 0.00936 0.000264 110-82-7 Cyclohexane 0.00207U 0.00936 0.000264 124-48-1 Dibromochloromethane 0.000268U 0.00936 0.000264 15-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000264 10061-01-5 cis-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000288U 0.00936 0.000264 10								mg/kg
75-25-2 Bromoform 0.000316U 0.00936 0.000316 74-83-9 Bromomethane 0.00282U 0.00936 0.00282 75-15-0 Carbon disulfide 0.000204U 0.00936 0.000224 56-23-5 Carbon tetrachloride 0.000225U 0.00936 0.000225 108-90-7 Chlorobenzene 0.000309U 0.00936 0.000309 75-00-3 Chlorofrm 0.000264U 0.00936 0.00013 76-63-3 Chlorofrm 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000269U 0.00936 0.000869 110-82-7 Cyclohexane 0.00207U 0.00936 0.000261 124-48-1 Dibromochloromethane 0.000681U 0.00936 0.000168 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000281 10061-02-6 trans-1,3-Dichloropropene 0.000286U 0.00936 0.000286 100-41-4 Ethylbenzene 0.000286U 0.00936 0.000286 108-8								mg/kg
74-83-9 Bromomethane 0.00282U 0.00936 0.00282 1 75-15-0 Carbon disulfide 0.000204U 0.00936 0.000204 1 56-23-5 Carbon tetrachloride 0.000225U 0.00936 0.000225 1 108-90-7 Chlorobenzene 0.00113U 0.00936 0.000309 1 75-00-3 Chloroform 0.00113U 0.00936 0.000264 1 74-87-3 Chloromethane 0.000869U 0.00936 0.000869 1 110-82-7 Cyclohexane 0.00207U 0.00936 0.000264 1 110-82-7 Cyclohexane 0.00207U 0.00936 0.000268 1 124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000261 1 15-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000261 1 10061-01-5 cis-1,3-Dichloropropene 0.000264U 0.00936 0.000281 1 10061-02-6 trans-1,3-Dichloropropene 0.000286U 0.0								mg/kg
75-15-0 Carbon disulfide 0.000204U 0.00936 0.000204 66-23-5 Carbon tetrachloride 0.000225U 0.00936 0.000225 10.000309U 0.00936 0.000309 10.000207 10.000309 10.000207 10.000309 10.0000309 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000207 10.000200 10.000207						(mg/kg
56-23-5 Carbon tetrachloride 0.000225U 0.00936 0.000225 108-90-7 Chlorobenzene 0.000309U 0.00936 0.000309 75-00-3 Chlorothane 0.00113U 0.00936 0.00013 67-66-3 Chloroform 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000207U 0.00936 0.000207 110-82-7 Cyclohexane 0.00207U 0.00936 0.000207 124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000168 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000286U 0.00936 0.000286 108-87-2 Methyl Acetate 0.00286U 0.00936 0.000286 108-87-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.00074 <								mg/kg
108-90-7 Chlorobenzene 0.000309U 0.00936 0.000309 1 75-00-3 Chloroethane 0.00113U 0.00936 0.00113 1 67-66-3 Chloroform 0.000264U 0.00936 0.000264 1 74-87-3 Chloromethane 0.00207U 0.00936 0.00207 1 110-82-7 Cyclohexane 0.00207U 0.00936 0.00207 1 124-48-1 Dibromochloromethane 0.00168U 0.00936 0.000168 1 75-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000681 1 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 1 100-41-4 Ethylbenzene 0.000284U 0.00936 0.000286 1 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 108-87-2 Methyl Acetate 0.000286U 0.00936 0.000286 108-87-2 Methylcyclohexane 0.00039 0.00039 0.00039								mg/kg
75-00-3 Chloroethane 0.00113U 0.00936 0.00113 67-66-3 Chloroform 0.000264U 0.00936 0.000264 67-68-3 Chloroform 0.000264U 0.00936 0.000264 67-487-3 Chloromethane 0.000869U 0.00936 0.000869U 0.00936 0.000207 0.00936 0.000207 0.00936 0.000168U 0.00936 0.000168U 0.00936 0.000168U 0.00936 0.000681U 0.00936 0.000681U 0.00936 0.000681 0.000264 0.000266 0.000266 0.000266 0.000266 0.000266 0.000266 0.000266 0.000266 0.000266								mg/kg
67-66-3 Chloroform 0.000264U 0.00936 0.000264 74-87-3 Chloromethane 0.000869U 0.00936 0.000869 110-82-7 Cyclohexane 0.00207U 0.00936 0.00207 124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000168 75-71-8 Dichlorodifluoromethane 0.000215U 0.00936 0.000681 10061-01-5 cis-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000264U 0.00936 0.000286 100-41-4 Ethylbenzene (Cumene) 0.000286U 0.00936 0.000286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000289U 0.00936 0.000893 10-20-3 Naphthalene 0.00074U 0.00936 0.00074 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359						(mg/kg
74-87-3 Chloromethane 0.000869U 0.00936 0.000869 110-82-7 Cyclohexane 0.00207U 0.00936 0.00207 124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000168 75-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000681 10061-01-5 cis-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000286U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.00286U 0.00936 0.00286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000893U 0.00936 0.000893 75-09-2 Methylcyclohexane 0.000897U 0.019 0.000897 100-42-5 Styrene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000359 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359								mg/kg
110-82-7 Cyclohexane 0.00207U 0.00936 0.00207 124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000168 75-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000681 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000388U 0.00936 0.000286 98-82-8 Isoproylbenzene (Cumene) 0.000286U 0.00936 0.000286 108-87-2 Methyl Acetate 0.00286U 0.00936 0.000286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000693 75-09-2 Methylce chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000286 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.00031U 0.00936 0.00035 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>mg/kg</td>								mg/kg
124-48-1 Dibromochloromethane 0.000168U 0.00936 0.000168 75-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000681 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000388U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 108-87-2 Methylcyclohexane 0.000286U 0.00936 0.000693 75-09-2 Methylene chloride 0.000693U 0.00936 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.00103U 0.00936 0.000359 108-88-3 Toluene 0.00031U 0.00936 0.000331 75-69-4 Trichloroethene 0.000352U 0.00936 0.000352	74-87-3			0.000869U		(mg/kg
75-71-8 Dichlorodifluoromethane 0.000681U 0.00936 0.000681 10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000388U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.00286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 108-88-3 Toluene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.000331U 0.00936 0.000331 75-69-4 Trichlorothene 0.00037U 0.00936 0.000321 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 <	110-82-7	•		0.00207U				mg/kg
10061-01-5 cis-1,3-Dichloropropene 0.000215U 0.00936 0.000215 10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000388U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000693 75-09-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.00103U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00031 75-69-4 Trichlorothene 0.00031U 0.00936 0.00031 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 <	124-48-1			0.000168U	0.00936	(0.000168	mg/kg
10061-02-6 trans-1,3-Dichloropropene 0.000264U 0.00936 0.000264 100-41-4 Ethylbenzene 0.000388U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.000693 108-87-2 Methylcyclohexane 0.000693U 0.0019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.00103U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.000331 75-69-4 Trichloroethene 0.000331U 0.00936 0.00031 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107	75-71-8	Dichlorodifluoromethane		0.000681U	0.00936	(0.000681	mg/kg
100-41-4 Ethylbenzene 0.000388U 0.00936 0.000388 98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.000286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000693 75-09-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 15	10061-01-5	cis-1,3-Dichloropropene		0.000215U	0.00936	(0.000215	mg/kg
98-82-8 Isopropylbenzene (Cumene) 0.000286U 0.00936 0.000286 79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000693 75-09-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichloroffluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotriduoroethane 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	10061-02-6	trans-1,3-Dichloropropene		0.000264U	0.00936	(0.000264	mg/kg
79-20-9 Methyl Acetate 0.00286U 0.00936 0.00286 108-87-2 Methylcyclohexane 0.000693U 0.00936 0.000693 75-09-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	100-41-4	Ethylbenzene		0.000388U	0.00936	(0.000388	mg/kg
108-87-2 Methylcyclohexane 0.000693U 0.000897U 0.0019 0.000897 75-09-2 Methylene chloride 0.000897U 0.019 0.000897 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	98-82-8	Isopropylbenzene (Cumene	e)	0.000286U	0.00936	(0.000286	mg/kg
75-09-2 Methylene chloride 0.000897U 0.019 0.000897 91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	79-20-9	Methyl Acetate		0.00286U	0.00936		0.00286	mg/kg
91-20-3 Naphthalene 0.000704U 0.00936 0.000704 100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	108-87-2	Methylcyclohexane		0.000693U	0.00936	(0.000693	mg/kg
100-42-5 Styrene 0.000285U 0.00936 0.000285 127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	75-09-2	Methylene chloride		0.000897U	0.019	(0.000897	mg/kg
127-18-4 Tetrachloroethene 0.000359U 0.00936 0.000359 108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	91-20-3	Naphthalene		0.000704U	0.00936	(0.000704	mg/kg
108-88-3 Toluene 0.00103U 0.00936 0.00103 79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	100-42-5	Styrene		0.000285U	0.00936	(0.000285	mg/kg
79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	127-18-4	Tetrachloroethene		0.000359U	0.00936	(0.000359	mg/kg
79-01-6 Trichloroethene 0.000331U 0.00936 0.000331 0.000331 75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	108-88-3	Toluene		0.00103U	0.00936		0.00103	mg/kg
75-69-4 Trichlorofluoromethane 0.000472U 0.00936 0.000472 76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236	79-01-6	Trichloroethene		0.000331U	0.00936	(0.000331	mg/kg
76-13-1 Trichlorotrifluoroethane 0.000352U 0.00936 0.000352 75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236		Trichlorofluoromethane		0.000472U	0.00936	(0.000472	mg/kg
75-01-4 Vinyl chloride 0.000657U 0.00936 0.000657 0.000657 1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236		Trichlorotrifluoroethane						mg/kg
1330-20-7 Xylene (total) 0.00107U 0.019 0.00107 156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236								mg/kg
156-59-2 cis-1,2-Dichloroethene 0.000236U 0.00936 0.000236								mg/kg
·		•				(mg/kg
			BF)					mg/kg
			 ,					mg/kg
0.000307 U 0.000307 U 0.000307 U 0.000307 U 0.000307	100-00-0	11010-1,2-DIGHIGHERIE		0.0003070	0.00330	,	7.000307	my/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/14/2008 01:28	By JCK	Analytica 375646	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overv	Rec Limits
460-00-4	4-Bromofluorobenzene	.083	.079	mg/kg	70 1100	95	85 - 120
1868-53-7	Dibromofluoromethane	.083	.09	mg/kg		109	65 - 135
2037-26-5	Toluene d8	.083	.084	mg/kg		101	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.083	.105	mg/kg		127	52 - 149

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00

SW-846 7471A

Prep Date 06/07/2008 16	Prep Batch 3:45 375162	Prep Method SW-846 7471A	Dilution 1	Analyzed 06/10/2008 10:54	By DJH	Analytical Batch 375299	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.0090B	0.011		0.0044	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00

SW-846 6010B

Prep Date 06/07/2008 16:	Prep Batch :45 375159	Prep Method SW-846 3050B	Dilution 1	Analyzed 06/12/2008 23:18	By CLB	Analytical Batch 375528	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		2.09	1.79		0.12	mg/kg
7440-39-3	Barium		5.13	0.45		0.016	mg/kg
7440-43-9	Cadmium		0.0056U	0.22		0.0056	mg/kg
7440-47-3	Chromium		8.53	0.45		0.017	mg/kg
7439-92-1	Lead		0.92	0.67		0.064	mg/kg
7782-49-2	Selenium		0.16B	1.79		0.15	mg/kg
7440-22-4	Silver		0.081B	0.45		0.026	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072203	OMS-28-1 (10-15)	Solid	06/06/2008 10:10	06/07/2008 09:00

SM 2540G Dry Weight

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/10/2008 10:53	By KLS	Analytical Batch 375212	
CAS#	Parameter		Result	RDL		MDL	Units
WET-037	Total Moisture		11.6	0.010		0.010	%

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 06/14/2008 01:51	By Analytical JCK 375646	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000202U	0.00822	0.000202	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000296U	0.00822	0.000296	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000187U	0.00822	0.000187	mg/kg
75-34-3	1,1-Dichloroethane	0.000261U	0.00822	0.000261	mg/kg
75-35-4	1,1-Dichloroethene	0.000590U	0.00822	0.000590	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000538U	0.00822	0.000538	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00142U	0.00822	0.00142	mg/kg
106-93-4	1,2-Dibromoethane	0.000247U	0.00822	0.000247	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000187U	0.00822	0.000187	mg/kg
107-06-2	1,2-Dichloroethane	0.000187U	0.00822	0.000187	mg/kg
78-87-5	1,2-Dichloropropane	0.000184U	0.00822	0.000184	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000388U	0.00822	0.000388	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000692U	0.00822	0.000692	mg/kg
78-93-3	2-Butanone	0.000513U	0.00822	0.000513	mg/kg
591-78-6	2-Hexanone	0.00136U	0.00822	0.00136	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000284U	0.00822	0.000284	mg/kg
67-64-1	Acetone	0.011J	0.041	0.000615	mg/kg
71-43-2	Benzene	0.000171U	0.00822	0.000171	mg/kg
75-27-4	Bromodichloromethane	0.000222U	0.00822	0.000222	mg/kg
75-25-2	Bromoform	0.0002220 0.000278U	0.00822	0.000278	mg/kg
74-83-9	Bromomethane	0.00247U	0.00822	0.00247	mg/kg
75-15-0	Carbon disulfide	0.00247 U	0.00822	0.00247	mg/kg
56-23-5	Carbon tetrachloride	0.000173U	0.00822	0.000173	mg/kg
108-90-7	Chlorobenzene	0.000197U	0.00822	0.000197	mg/kg
75-00-3	Chloroethane	0.0002710 0.000996U	0.00822	0.000271	mg/kg
67-66-3	Chloroform	0.000990U	0.00822	0.000990	
74-87-3	Chloromethane	0.000232U 0.000763U	0.00822	0.000232	mg/kg
110-82-7	Cyclohexane	0.000763U	0.00822	0.00182	mg/kg
124-48-1	Dibromochloromethane	0.00182U	0.00822	0.00182	mg/kg
75-71-8	Dichlorodifluoromethane	0.000148U	0.00822	0.000148	mg/kg
				0.000398	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000189U	0.00822		mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000232U	0.00822	0.000232	mg/kg
100-41-4	Ethylbenzene	0.000340U	0.00822	0.000340	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000252U	0.00822	0.000252	mg/kg
79-20-9	Methyl Acetate	0.00251U	0.00822	0.00251	mg/kg
108-87-2	Methylcyclohexane	0.000608U	0.00822	0.000608	mg/kg
75-09-2	Methylene chloride	0.000788U	0.016	0.000788	mg/kg
91-20-3	Naphthalene	0.000618U	0.00822	0.000618	mg/kg
100-42-5	Styrene	0.000250U	0.00822	0.000250	mg/kg
127-18-4	Tetrachloroethene	0.000316U	0.00822	0.000316	mg/kg
108-88-3	Toluene	0.000904U	0.00822	0.000904	mg/kg
79-01-6	Trichloroethene	0.000291U	0.00822	0.000291	mg/kg
75-69-4	Trichlorofluoromethane	0.000414U	0.00822	0.000414	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000309U	0.00822	0.000309	mg/k(
75-01-4	Vinyl chloride	0.000577U	0.00822	0.000577	mg/ko
1330-20-7	Xylene (total)	0.000940U	0.016	0.000940	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000207U	0.00822	0.000207	mg/ko
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000122U	0.00822	0.000122	mg/ko
156-60-5	trans-1,2-Dichloroethene	0.000270U	0.00822	0.000270	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By Analytica		I Batch	
			1	06/14/2008 01:51	JCK	375646		
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits	
460-00-4	4-Bromofluorobenzene	.068	.07	mg/kg		103	85 - 120	
1868-53-7	Dibromofluoromethane	.068	.074	mg/kg		109	65 - 135	
2037-26-5	Toluene d8	.068	.069	mg/kg		101	85 - 115	
17060-07-0	1,2-Dichloroethane-d4	.068	.086	mg/kg		126	52 - 149	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

SW-846 7471A

Prep Date 06/07/2008 16	Prep Batch 375162	Prep Method SW-846 7471A	Dilution 1	Analyzed 06/10/2008 10:56	By DJH	Analytical Batch 375299	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.020	0.012		0.0047	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

SW-846 6010B

Prep Date 06/07/2008 16:	Prep Batch :45 375159	Prep Method SW-846 3050B	Dilution 1	Analyzed 06/12/2008 23:24	By CLB	Analytical Batch 375528	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		0.40B	1.94		0.13	mg/kg
7440-39-3	Barium		31.0	0.48		0.017	mg/kg
7440-43-9	Cadmium		0.0061U	0.24		0.0061	mg/kg
7440-47-3	Chromium		10.6	0.48		0.018	mg/kg
7439-92-1	Lead		3.34	0.73		0.069	mg/kg
7782-49-2	Selenium		0.30B	1.94		0.17	mg/kg
7440-22-4	Silver		0.13B	0.48		0.028	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806072204	OMS-28-1 (65-70)	Solid	06/06/2008 11:35	06/07/2008 09:00

SM 2540G Dry Weight

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 06/10/2008 10:53	By KLS	Analytical Batch 375212	
CAS#	Parameter		Result	RDL		MDL	Units
WET-037	Total Moisture		17.4	0.010		0.010	%

GC/MS Volatiles Quality Control Summary

Analytical Bato	ch 375646	Client ID	MB375646			LCS375646			LCSD375646			
Prep Bato	h N/A	GCAL ID	614700			614701			614702			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/13/2008 23:12			06/13/2008 21:16			06/13/2008 21:39			
		Matrix	Solid			Solid			Solid			
	CM 046 006	· AD	Units	mg/kg	Spike	- "		Control	-			RPD
	SW-846 826	OUB	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-64-1	Acetone		0.000374U	0.000374	0.050	0.062	124	20 - 160	0.063	125	2	30
75-27-4	Bromodichloror	methane	0.000135U	0.000135	0.050	0.054	107	70 - 130	0.058	115	7	30
75-25-2	Bromoform		0.000169U	0.000169	0.050	0.057	114	55 - 135	0.060	121	5	30
74-83-9	Bromomethane	•	0.00151U	0.00151	0.050	0.049	98	30 - 160	0.059	118	19	30
75-15-0	Carbon disulfid	е	0.000109U	0.000109	0.050	0.049	99	45 - 160	0.051	103	4	30
56-23-5	Carbon tetrachi	loride	0.000120U	0.000120	0.050	0.055	111	65 - 135	0.063	126	14	30
75-00-3	Chloroethane		0.000606U	0.000606	0.050	0.041	81	40 - 155	0.049	97	18	30
67-66-3	Chloroform		0.00188J	0.000141	0.050	0.049	98	70 - 125	0.052	103	6	30
74-87-3	Chloromethane	;	0.000464U	0.000464	0.050	0.048	96	50 - 130	0.050	101	4	30
124-48-1	Dibromochloror	methane	0.000900U	0.0000900	0.050	0.054	107	65 - 130	0.057	113	5	30
75-71-8	Dichlorodifluoro	omethane	0.000364U	0.000364	0.050	0.048	95	35 - 135	0.047	95	2	30
75-34-3	1,1-Dichloroeth	ane	0.000159U	0.000159	0.050	0.051	102	75 - 125	0.054	108	6	30
107-06-2	1,2-Dichloroeth	ane	0.000114U	0.000114	0.050	0.050	100	70 - 135	0.054	108	8	30
156-59-2	cis-1,2-Dichloro	pethene	0.000126U	0.000126	0.050	0.052	103	65 - 125	0.055	110	6	30
156-60-5	trans-1,2-Dichlo	oroethene	0.000164U	0.000164	0.050	0.051	102	65 - 135	0.055	111	8	30
75-09-2	Methylene chlo	ride	0.00128J	0.000479	0.050	0.045	90	55 - 140	0.047	95	4	30
78-87-5	1,2-Dichloropro	pane	0.000112U	0.000112	0.050	0.050	99	70 - 120	0.052	104	4	30
10061-01-5	cis-1,3-Dichloro	propene	0.000115U	0.000115	0.050	0.051	102	70 - 125	0.055	110	8	30
10061-02-6	trans-1,3-Dichlo	oropropene	0.000141U	0.000141	0.050	0.051	103	65 - 125	0.055	109	8	30
100-41-4	Ethylbenzene		0.000207U	0.000207	0.050	0.048	96	75 - 125	0.050	101	4	30
591-78-6	2-Hexanone		0.000826U	0.000826	0.050	0.052	104	45 - 145	0.058	115	11	30
98-82-8	Isopropylbenze	ne (Cumene)	0.000153U	0.000153	0.050	0.048	96	75 - 130	0.051	102	6	30
78-93-3	2-Butanone		0.000312U	0.000312	0.050	0.057	114	30 - 160	0.064	127	12	30
108-10-1	4-Methyl-2-pen	tanone	0.000173U	0.000173	0.050	0.049	99	45 - 145	0.055	109	12	30
100-42-5	Styrene		0.000152U	0.000152	0.050	0.050	99	75 - 125	0.053	105	6	30
127-18-4	Tetrachloroethe	ene	0.000192U	0.000192	0.050	0.046	93	65 - 140	0.050	101	8	30
79-34-5	1,1,2,2-Tetrach	loroethane	0.000180U	0.000180	0.050	0.052	104	55 - 130	0.055	110	6	30
120-82-1	1,2,4-Trichlorok	penzene	0.000327U	0.000327	0.050	0.054	107	65 - 130	0.059	119	9	30
71-55-6	1,1,1-Trichloroe	ethane	0.000123U	0.000123	0.050	0.051	103	70 - 135	0.055	110	8	30
79-00-5	1,1,2-Trichloroe	ethane	0.000114U	0.000114	0.050	0.053	105	60 - 125	0.055	109	4	30
75-69-4	Trichlorofluoror	methane	0.000252U	0.000252	0.050	0.046	92	25 - 185	0.036	73	24	30
75-01-4	Vinyl chloride		0.000351U	0.000351	0.050	0.050	100	60 - 125	0.052	103	4	30
96-12-8	1,2-Dibromo-3-	chloropropane	0.000866U	0.000866	0.050	0.055	110	40 - 135	0.060	120	9	30

GC/MS Volatiles Quality Control Summary

Analytical Bate	ch 375646	Client ID	MB375646			LCS375646			LCSD375646			
Prep Bate	ch N/A	GCAL ID	614700			614701			614702			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/13/2008 23:12			06/13/2008 21:16			06/13/2008 21:39			
		Matrix	Solid			Solid			Solid			
	CM 046 006	· AD	Units	mg/kg	Spike	D!		Control	D 14			RPD
	SW-846 826	DUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
106-93-4	1,2-Dibromoeth	nane	0.000150U	0.000150	0.050	0.050	100	70 - 125	0.054	109	8	30
1634-04-4	tert-Butyl methy	yl ether (MTBE)	0.0000740U	0.0000740	0.050	0.041	81	50 - 135	0.046	92	11	30
1330-20-7	Xylene (total)		0.000572U	0.000572	0.150	0.146	97	75 - 125	0.154	103	5	30
108-87-2	Methylcyclohex	ane	0.000370U	0.000370	0.050	0.045	89	79 - 122	0.046	92	2	30
110-82-7	Cyclohexane		0.00111U	0.00111	0.050	0.047	93	61 - 143	0.047	94	0	30
79-20-9	Methyl Acetate		0.00153U	0.00153	0.050	0.051	102	41 - 164	0.051	103	0	30
76-13-1	Trichlorotrifluor	oethane	0.000188U	0.000188	0.050	0.049	97	71 - 137	0.049	97	0	30
541-73-1	1,3-Dichlorober	nzene	0.000236U	0.000236	0.050	0.050	100	70 - 125	0.054	107	8	30
106-46-7	1,4-Dichlorober	nzene	0.000421U	0.000421	0.050	0.049	98	70 - 125	0.053	106	8	30
95-50-1	1,2-Dichlorober	nzene	0.000114U	0.000114	0.050	0.051	103	75 - 120	0.054	109	6	30
91-20-3	Naphthalene		0.000376U	0.000376	0.050	0.051	103	40 - 125	0.057	114	11	30
75-35-4	1,1-Dichloroeth	ene	0.000359U	0.000359	0.050	0.050	100	65 - 135	0.051	101	2	30
71-43-2	Benzene		0.000104U	0.000104	0.050	0.048	96	75 - 125	0.052	103	8	30
79-01-6	Trichloroethene)	0.000177U	0.000177	0.050	0.048	95	75 - 125	0.050	101	4	30
108-88-3	Toluene		0.000550U	0.000550	0.050	0.047	94	70 - 125	0.050	99	6	30
108-90-7	Chlorobenzene		0.000165U	0.000165	0.050	0.049	97	75 - 125	0.051	102	4	30
Surrogate												
460-00-4	4-Bromofluorob	enzene	48.6	97	50	46.9	94	85 - 120	50.3	101		
1868-53-7	Dibromofluoron	nethane	52.4	105	50	49.6	99	65 - 135	53.7	107		
2037-26-5	Toluene d8		52.1	104	50	47.2	94	85 - 115	50.1	100		
17060-07-0	1,2-Dichloroeth	ane-d4	53.3	107	50	48.1	96	52 - 149	52.8	106		

Inorganics Quality Control Summary

Analytical Batch	375299	Client ID	MB375162			LCS375162		
Prep Batch	375162	GCAL ID	612366			612367		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	7471A	Prep Date	06/07/2008 16:45			06/07/2008 16:45		
		Analytical Date	06/10/2008 10:23			06/10/2008 10:25		
		Matrix	Solid			Solid		
S.	N-846 747	71 A	Units	mg/kg	Spike	Result		Control
3	77-040 747	IA	Result	RDL	Added	Result	% R	Limits % R
7439-97-6	Mercury		0.0039U	0.0039	0.25	0.27	109	83 - 118

Analytical Batch	375299	Client ID	#1 BAGHOUSE DUS	Т		612321MS		
Prep Batch	375162	GCAL ID	20806072301			612369		
Prep Method	SW-846	Sample Type	SAMPLE			MS		
	7471A	Prep Date	06/07/2008 16:45			06/07/2008 16:45		
		Analytical Date	06/10/2008 10:26			06/10/2008 10:29		
		Matrix	Solid			Solid		
S.	W-846 747	71 A	Units	mg/kg	Spike	Result		Control
3	VV-040 /4/	IA	Result	RDL	Added	Result	% R	Limits % R
7439-97-6	Mercury		0.025	0.0039	0.25	0.30	109	83 - 118

Analytical Batch	375299	Client ID	#1 BAGHOUSE DUST		612321DUP		
Prep Batch	375162	GCAL ID	20806072301		612368		
Prep Method	SW-846	Sample Type	SAMPLE		DUP		
	7471A	Prep Date	06/07/2008 16:45		06/07/2008 16:45		
		Analytical Date	06/10/2008 10:26		06/10/2008 10:28		
		Matrix	Solid		Solid		
C)	N-846 747	71 A	Units	mg/kg	Result		RPD
3	W-040 /4/	IA	Result	RDL	Result	RPD	Limit
7439-97-6	Mercury		0.025	0.0039	0.022	13	30

Inorganics Quality Control Summary

Analytical Batch	375528	Client ID	MB375159			LCS375159				
Prep Batch	375159	GCAL ID	612356		612357					
Prep Method	SW-846	Sample Type	Method Blank			LCS				
	3050B	Prep Date	06/07/2008 16:45	06/07/2008 16:45						
		Analytical Date	06/12/2008 21:51			06/12/2008 21:58				
		Matrix	Solid			Solid				
SW-846 6010B		Units	mg/kg	Spike	Result		Control			
		Result	RDL	Added	Result	% R	Limits % R			
7440-38-2	Arsenic		0.10U	0.10	20.0	17.8	89	80 - 120		
7440-39-3	Barium		0.015B	0.014	20.0	19.4	97	80 - 120		
7440-43-9	Cadmium		0.0050U	0.0050	20.0	18.9	94	80 - 120		
7440-47-3	Chromium		0.015U	0.015	20.0	19.7	98	80 - 120		
7439-92-1	Lead		0.057U	0.057	20.0	19.0	95	80 - 120		
7782-49-2	Selenium		0.14U	0.14	20.0	18.9	95	80 - 120		
7440-22-4	Silver		0.023U	0.023	20.0	19.5	97	75 - 120		

Analytical Batch	375528	Client ID	#1 BAGHOUSE DUST	Г		612321MS		
Prep Batch	375159	GCAL ID	20806072301			612359		
Prep Method	SW-846	Sample Type	SAMPLE			MS		
	3050B	Prep Date	06/07/2008 16:45			06/07/2008 16:45		
		Analytical Date	06/12/2008 22:04			06/12/2008 22:15		
		Matrix	Solid			Solid		
SW-846 6010B		Units	mg/kg	Spike	Result		Control	
		Result	RDL	Added	Result	% R	Limits % R	
7440-38-2	Arsenic		1.93	0.10	20.0	15.8	69*	80 - 120
7440-39-3	Barium		88.2	0.014	20.0	100	61*	80 - 120
7440-43-9	Cadmium		0.0	0.0050	20.0	13.5	67*	80 - 120
7440-47-3	Chromium		16.1	0.015	20.0	30.2	70*	80 - 120
7439-92-1	Lead		17.7	0.057	20.0	31.4	69*	80 - 120
7782-49-2	Selenium		0.33	0.14	20.0	14.9	73*	80 - 120
7440-22-4	Silver		0.031	0.023	20.0	15.4	77	75 - 120

Inorganics Quality Control Summary

Analytical Batch	375528	Client ID	#1 BAGHOUSE DUST		612321DUP		
Prep Batch	375159	GCAL ID	20806072301		612358		
Prep Method	SW-846	Sample Type	SAMPLE		DUP		
	3050B	Prep Date	06/07/2008 16:45		06/07/2008 16:45		
		Analytical Date	06/12/2008 22:04		06/12/2008 22:10		
		Matrix	Solid		Solid		
SW-846 6010B			Units	mg/kg	Result		RPD
3VV-040 0010B		100	Result	RDL	Nesuit	RPD	Limit
7440-38-2	Arsenic		1.93	0.10	1.68	14	30
7440-39-3	Barium		88.2	0.014	87.0	1	30
7440-43-9	Cadmium		0.0	0.0050	0.0	0	30
7440-47-3	Chromium		16.1	0.015	16.2	0.6	30
7439-92-1	Lead		17.7	0.057	17.7	0	30
7782-49-2	Selenium		0.33	0.14	0.58	55*	30
7440-22-4	Silver		0.031	0.023	0.036	15	30

General Chemistry Quality Control Summary

Analytical Batch 375212	Client ID	DRUMS 1-8		611221DUP		
Prep Batch N/A	GCAL ID	20806047701		612513		
	Sample Type	SAMPLE		DUP		
Analytical Date		06/10/2008 10:53		06/10/2008 10:53		
	Matrix	Solid		Solid		
SM 2540G Dry Weight		Units	%	Result		RPD
Sivi 2340G Dry Weight		Result	RDL	Result	RPD	Limit
WET-037 Total Moistur	Э	1.19	0.010	1.24	4.1	25

CASE NARRATIVE

Client: Aerostar Report: 208060722

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

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 375646, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the SW-846 8260B analysis of sample 20806072203 (OMS-28-1 (10-15)) and 20806072204 (OMS-28-1 (65-70)), the recovery for the surrogate 1,2-Dichloroethane-d4 was above the upper control limit. The remaining surrogates were all within control limits.

In the SW-846 8260B analysis, the response for the internal standard, 1,4-Dichlorobenzene-d4 was outside the acceptance range for sample 20806072202 (OMS-28-1 (5-10)).

METALS

In the SW-846 6010B analysis for prep batch 375159, the MS and/or MSD recoveries were outside the control limits for Arsenic, Cadmium, Chromium, Lead and Selenium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 70% for Arsenic, 67% for Cadmium, 70% for Chromium, 68% for Lead and 77% for Selenium. The MS recovery is not applicable for Barium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPD for Selenium is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. Barium, Chromium and Lead are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

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 Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit MDL Method Detection Limit

RDL Reporting Detection Limit00:00 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 208060722		
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O-	HCE	TAC	Jkna.	2		Cooler	No.(s)/	Temper	rature(s)	(°C)		S	
			9								8		
MATRIX C	DES: A =		GW = Gro			= Sedime		O = Soi			ace Wate		
PRESERVA	TIVE CODES:	H	= Hydrocl	hloric aci	d + ice	I = Ic	ce only	N=	Nitric a	acid + ic	e S	= Sulfi	



ANALYTICAL REPORT

Job Number: 700-28354-1

Job Description: Aerostar Environmental - OMS-28

For:

Aerostar Environmental Services, Inc. 803 Government Street Suite A Mobile, AL 36602

Attention: Marshall Eschete

Charles Newton
Project Manager I
charles.newton@testamericainc.com
04/10/2008

Page 1 of 13

Charles I. Newton

METHOD SUMMARY

Client: Aerostar Environmental Services, Inc.

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds by GC/MS	TAL MOB	SW846 8260B	
Purge-and-Trap	TAL MOB		SW846 5030B

Lab References:

TAL MOB = TestAmerica Mobile

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Job Number: 700-28354-1

METHOD / ANALYST SUMMARY

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Method	Analyst	Analyst ID		
SW846 8260B	McDonald, Erin E	EEM		
FPA PercentMoisture	Phan Julia D	JDP		

SAMPLE SUMMARY

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

			Date/Time	Date/Time
Lab Sample ID	Client Sample ID	Client Matrix	Sampled	Received
700-28354-1	OMS-28-2 (0-5)	Solid	03/27/2008 0845	03/28/2008 1453
700-28354-2	OMS-28-2 (5-10)	Solid	03/27/2008 0850	03/28/2008 1453
700-28354-3	OMS-28-2 (15-20)	Solid	03/27/2008 0855	03/28/2008 1453

SAMPLE RESULTS

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Client Sample ID: OMS-28-2 (0-5)

 Lab Sample ID:
 700-28354-1
 Date Sampled:
 03/27/2008 0845

 Client Matrix:
 Solid
 % Moisture:
 13.9
 Date Received:
 03/28/2008 1453

8260B Volatile Organic Compounds by GC/MS

Method:8260BAnalysis Batch: 700-50028Instrument ID:VMG5973Preparation:5030BLab File ID:G040418.DDilution:1.0Initial Weight/Volume:5.90 g

Date Analyzed: 04/04/2008 2158 Final Weight/Volume: 5 mL

Date Prepared: 04/04/2008 2158

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier RL
1,1,1-Trichloroethane	<4.9	4.9
1,1,2,2-Tetrachloroethane	<4.9	4.9
1,1,2-Trichloroethane	<4.9	4.9
1,1-Dichloroethane	<4.9	4.9
1,1-Dichloroethene	<4.9	4.9
1,2-Dichlorobenzene	<4.9	4.9
1,2-Dichloroethane	<4.9	4.9
1,2-Dichloropropane	<4.9	4.9
1,3-Dichlorobenzene	<4.9	4.9
1,4-Dichlorobenzene	<4.9	4.9
2-Butanone (MEK)	<25	25
2-Hexanone	<25	25
4-Methyl-2-pentanone (MIBK)	<25	25
Acetone	<49	49
Benzene	<4.9	4.9
Bromoform	<4.9	4.9
Bromomethane	<9.8	9.8
Carbon disulfide	<4.9	4.9
Carbon tetrachloride	<4.9	4.9
Chlorobenzene	<4.9	4.9
Chlorodibromomethane	<4.9	4.9
Chloroethane	<9.8	9.8
Chloroform	<4.9	4.9
Chloromethane	<9.8	9.8
cis-1,2-Dichloroethene	<4.9	4.9
cis-1,3-Dichloropropene	<4.9	4.9
Dichlorobromomethane	<4.9	4.9
Ethylbenzene	<4.9	4.9
Methylene Chloride	<4.9	4.9
m-Xylene & p-Xylene	<9.8	9.8
o-Xylene	<4.9	4.9
Styrene	<4.9	4.9
Tetrachloroethene	<4.9	4.9
Toluene	<4.9	4.9
trans-1,2-Dichloroethene	<4.9	4.9
trans-1,3-Dichloropropene	<4.9	4.9
Trichloroethene	<4.9	4.9
Vinyl chloride	<9.8	9.8
Xylenes, Total	<9.8	9.8
Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	55 - 131
Dibromofluoromethane	73	59 - 132
Toluene-d8 (Surr)	82	61 - 131

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Client Sample ID: OMS-28-2 (5-10)

 Lab Sample ID:
 700-28354-2
 Date Sampled:
 03/27/2008 0850

 Client Matrix:
 Solid
 % Moisture:
 20.4
 Date Received:
 03/28/2008 1453

8260B Volatile Organic Compounds by GC/MS

Method:8260BAnalysis Batch: 700-50028Instrument ID:VMG5973Preparation:5030BLab File ID:G040419.DDilution:1.0Initial Weight/Volume:5.85 g

Date Analyzed: 04/04/2008 2229 Final Weight/Volume: 5 mL

Date Prepared: 04/04/2008 2229

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier RL
1,1,1-Trichloroethane	<5.4	5.4
1,1,2,2-Tetrachloroethane	<5.4	5.4
1,1,2-Trichloroethane	<5.4	5.4
1,1-Dichloroethane	<5.4	5.4
1,1-Dichloroethene	<5.4	5.4
1,2-Dichlorobenzene	<5.4	5.4
1,2-Dichloroethane	<5.4	5.4
1,2-Dichloropropane	<5.4	5.4
1,3-Dichlorobenzene	<5.4	5.4
1,4-Dichlorobenzene	<5.4	5.4
2-Butanone (MEK)	<27	27
2-Hexanone	<27	27
4-Methyl-2-pentanone (MIBK)	<27	27
Acetone	<54	54
Benzene	<5.4	5.4
Bromoform	<5.4	5.4
Bromomethane	<11	11
Carbon disulfide	<5.4	5.4
Carbon tetrachloride	<5.4	5.4
Chlorobenzene	<5.4	5.4
Chlorodibromomethane	<5.4	5.4
Chloroethane	<11	11
Chloroform	<5.4	5.4
Chloromethane	<11	11
cis-1,2-Dichloroethene	<5.4	5.4
cis-1,3-Dichloropropene	<5.4	5.4
Dichlorobromomethane	<5.4	5.4
Ethylbenzene	<5.4	5.4
Methylene Chloride	<5.4	5.4
m-Xylene & p-Xylene	<11	11
o-Xylene	<5.4	5.4
Styrene	<5.4	5.4
Tetrachloroethene	<5.4	5.4
Toluene	<5.4	5.4
trans-1,2-Dichloroethene	<5.4	5.4
trans-1,3-Dichloropropene	<5.4	5.4
Trichloroethene	<5.4	5.4
Vinyl chloride	<11	11
Xylenes, Total	<11	11
Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	55 - 131
Dibromofluoromethane	85	59 - 132
Toluene-d8 (Surr)	105	61 - 131

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Client Sample ID: OMS-28-2 (15-20)

 Lab Sample ID:
 700-28354-3
 Date Sampled:
 03/27/2008 0855

 Client Matrix:
 Solid
 % Moisture:
 18.7
 Date Received:
 03/28/2008 1453

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 700-50028 Instrument ID: VMG5973 5030B Preparation: Lab File ID: G040420.D 5.13 g Dilution: Initial Weight/Volume: 1.0 04/04/2008 2301 Date Analyzed: Final Weight/Volume: 5 mL

Date Prepared: 04/04/2008 2301

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier RL
1,1,1-Trichloroethane	<6.0	6.0
1,1,2,2-Tetrachloroethane	<6.0	6.0
1,1,2-Trichloroethane	<6.0	6.0
1,1-Dichloroethane	<6.0	6.0
1,1-Dichloroethene	<6.0	6.0
1,2-Dichlorobenzene	<6.0	6.0
1,2-Dichloroethane	<6.0	6.0
1,2-Dichloropropane	<6.0	6.0
1,3-Dichlorobenzene	<6.0	6.0
1,4-Dichlorobenzene	<6.0	6.0
2-Butanone (MEK)	<30	30
2-Hexanone	<30	30
4-Methyl-2-pentanone (MIBK)	<30	30
Acetone	<60	60
Benzene	<6.0	6.0
Bromoform	<6.0	6.0
Bromomethane	<12	12
Carbon disulfide	<6.0	6.0
Carbon tetrachloride	<6.0	6.0
Chlorobenzene	<6.0	6.0
Chlorodibromomethane	<6.0	6.0
Chloroethane	<12	12
Chloroform	<6.0	6.0
Chloromethane	<12	12
cis-1,2-Dichloroethene	<6.0	6.0
cis-1,3-Dichloropropene	<6.0	6.0
Dichlorobromomethane	<6.0	6.0
Ethylbenzene	<6.0	6.0
Methylene Chloride	<6.0	6.0
m-Xylene & p-Xylene	<12	12
o-Xylene	<6.0	6.0
Styrene	<6.0	6.0
Tetrachloroethene	<6.0	6.0
Toluene	<6.0	6.0
trans-1,2-Dichloroethene	<6.0	6.0
trans-1,3-Dichloropropene	<6.0	6.0
Trichloroethene	<6.0	6.0
Vinyl chloride	<12	12
Xylenes, Total	<12	12
Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	55 - 131
Dibromofluoromethane	86	59 - 132
Toluene-d8 (Surr)	88	61 - 131

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

		General Che	mistry			
Client Sample ID:	OMS-28-2 (0-5)					
Lab Sample ID: Client Matrix:	700-28354-1 Solid			Date Sampled: Date Received:		7/2008 0845 8/2008 1453
Analyte	Result	Qual Units		RL	Dil	Method
Percent Moisture	14 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture
Percent Solids	86 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture
Client Sample ID:	OMS-28-2 (5-10)					
Lab Sample ID: Client Matrix:	700-28354-2 Solid			Date Sampled: Date Received:		7/2008 0850 8/2008 1453
Analyte	Result	Qual Units		RL	Dil	Method
Percent Moisture	20 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture
Percent Solids	80 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture
Client Sample ID:	OMS-28-2 (15-20)					
Lab Sample ID: Client Matrix:	700-28354-3 Solid			Date Sampled: Date Received:		7/2008 0855 8/2008 1453
Analyte	Result	Qual Units		RL	Dil	Method
Percent Moisture	19 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture
Percent Solids	81 Anly Batch: 700-49729	% Date Analyzed	03/31/2008 1120	0.10	1.0	PercentMoisture

QUALITY CONTROL RESULTS

Quality Control Results

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Method Blank - Batch: 700-50028 Method: 8260B Preparation: 5030B

Lab Sample ID: MB 700-50028/5 Analysis Batch: 700-50028 Instrument ID: VMG5973

Client Matrix: Solid Prep Batch: N/A Lab File ID: G040416.D

Dilution: 1.0 Units: ug/Kg Initial Weight/Volume: 5 g

Date Analyzed: 04/04/2008 2055

Date Prepared: 04/04/2008 2055

Date Prepared: 04/04/2008 2055

Analyte	Result	Qual	RL
1,1,1-Trichloroethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,1-Dichloroethene	<5.0		5.0
1,2-Dichlorobenzene	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
1,3-Dichlorobenzene	<5.0		5.0
1,4-Dichlorobenzene	<5.0		5.0
2-Butanone (MEK)	<25		25
2-Hexanone	<25		25
4-Methyl-2-pentanone (MIBK)	<25		25
Acetone	<50		50
Benzene	<5.0		5.0
Bromoform	<5.0		5.0
Bromomethane	<10		10
Carbon disulfide	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Chlorobenzene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroethane	<10		10
Chloroform	<5.0		5.0
Chloromethane	<10		10
cis-1,2-Dichloroethene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
Ethylbenzene	<5.0		5.0
Methylene Chloride	<5.0		5.0
m-Xylene & p-Xylene	<10		10
o-Xylene	<5.0		5.0
Styrene	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Toluene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<10		10
Xylenes, Total	<10		10
Surrogate	% Rec	Acce	eptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Aerostar Environmental Services, Inc. Job Number: 700-28354-1

Surrogate			% Rec		,	Acceptance Limits					
4-Bromofluorobenzene)		86			55 - 131					
Dibromofluoromethane)		76			59 - 132					
Toluene-d8 (Surr)			84			61 - 131					
Lab Control Spike/					М	ethod: 8260B					
Lab Control Spike	Duplicate Recovery Re	port - Batch	n: 700-5002	8	Pi	reparation: 50	30B				
LCS Lab Sample ID:	LCS 700-50028/3	Analys	sis Batch: 70	0-50028	Inst	rument ID: V	MG5973				
Client Matrix:	Solid	,	Batch: N/A	0 00020			040414.D				
Dilution:	1.0	•	ug/Kg			al Weight/Volum					
Date Analyzed:	04/04/2008 1952		-9.1.9			al Weight/Volum		L			
Date Prepared:	04/04/2008 1952										
LCSD Lab Sample ID:	LCSD 700-50028/4	Analys	sis Batch: 70	0-50028	Inst	rument ID:	VMG5973				
Client Matrix:	Solid	Prep E	Batch: N/A		Lab	File ID: G0	40415.D				
Dilution:	1.0	Units:	ug/Kg		Initi	al Weight/Volum	ie: 5 g				
Date Analyzed:	04/04/2008 2024				Fina	al Weight/Volum	e: 5 mL				
Date Prepared:	04/04/2008 2024										
		<u>.</u>	<u>% Rec.</u>								
Analyte		LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual			
1,1-Dichloroethene		107	95	48 - 154	12	46					
Benzene		99	85	69 - 137	15	42					
Chlorobenzene		94	88	70 - 138	6	34					
Toluene		95	85	66 - 141	12	32					
Trichloroethene		95	83	68 - 138	13	34					
Surrogate		L	.CS % Rec	LCSD %	Rec	Accep	tance Limits				
4-Bromofluorobenzen	е	9	2	88		5	5 - 131				
Dibromofluoromethan	е	9	2	83		5	9 - 132				
Toluene-d8 (Surr)		9	3	83		6	1 - 131				

Serial Numb

RECEIVED FOR LABORATORY BY (SIGNATURE)		RECEIVED BY: (SIGNATURE)	MINDER CONTAINERS	RELINQUISHED BY: (SIGNATURE)							3/24/01 0855 OMS-	3/2762/08/50/01/5	3/27/08 (7845 0165	SAMPLE DATE, TIME	COMPANY CONTRACTING THIS WORK (If applicable)	CLIENT ADDRESS		CLIENT (SITE) PM ///	(LAB) PROJECT MANAGER	PROJECT REFERENCE	8240 (1007)	THE LEADER IN ENVIRONMENTAL TESTING	<u>TestAmerica</u>
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		DATE		DATE	***************************************									 	NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	DATE OUE	EXPEDITED REPORT DELIVERY (SURCHARGE)	DATE DUE	STANDARD REPORT DELIVERY	PAGE			www.testamericainc.com Phone: (251) 666-6693 Fax: (251) 666-6696
		TIME		TIME			-	Pag	e 1	.3 c	ef 1	3		REMARKS	OLERS { SHIPMENT:		TRO		ORT (9	04/1	L0/	ainc.cor 36-6833 36967

To: Aerostar

Job ID: BROOKLEY FIELD OMS-28

Attn: Marshall Eschette

GCAL Report 208040120

Report Date 04/10/2008

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
20804012001	OMS-28-2 (0-5)	Solid	03/27/2008 08:45	04/01/2008 11:41
20804012002	OMS-28-2 (5-10)	Solid	03/27/2008 08:50	04/01/2008 11:41
20804012003	OMS-28-2 (15-20)	Solid	03/27/2008 08:55	04/01/2008 11:41
20804012004	OMS-28-5 (0-5)	Solid	03/27/2008 10:45	04/01/2008 11:41
20804012005	OMS-28-5 (5-10)	Solid	03/27/2008 10:50	04/01/2008 11:41
20804012006	OMS-28-5 (15-20)	Solid	03/27/2008 11:00	04/01/2008 11:41
20804012007	OMS-28-4 (0-5)	Solid	03/27/2008 13:20	04/01/2008 11:41
20804012008	OMS-28-4 (5-10)	Solid	03/27/2008 13:30	04/01/2008 11:41
20804012009	OMS-28-4 (10-15)	Solid	03/27/2008 13:40	04/01/2008 11:41
20804012010	OMS-28-4 (70-75)	Solid	03/27/2008 14:30	04/01/2008 11:41
20804012011	DUP 1	Solid	03/27/2008 08:45	04/01/2008 11:41
20804012012	DUP 2	Solid	03/27/2008 10:45	04/01/2008 11:41
20804012013	DUP 3	Solid	03/27/2008 13:20	04/01/2008 11:41
20804012101	OMS-28-3 (0-5)	Solid	03/26/2008 13:20	04/01/2008 11:41
20804012102	OMS-28-3 (5-10)	Solid	03/26/2008 13:25	04/01/2008 11:41
20804012103	OMS-28-3 (10-15)	Solid	03/26/2008 13:30	04/01/2008 11:41
20804012104	OMS-28-7 (0-5)	Solid	03/26/2008 13:45	04/01/2008 11:41
20804012105	OMS-28-7 (5-10)	Solid	03/26/2008 13:50	04/01/2008 11:41
20804012106	OMS-28-7 (15-20)	Solid	03/26/2008 16:00	04/01/2008 11:41
20804020101	OMS-28-6 (0-5)	Solid	03/28/2008 11:00	04/02/2008 09:12
20804020102	OMS-28-6 (5-10)	Solid	03/28/2008 11:10	04/02/2008 09:12
20804020103	OMS-28-6 (10-15)	Solid	03/28/2008 11:15	04/02/2008 09:12
20804020104	OMS-28-6 (70-75)	Solid	03/28/2008 12:40	04/02/2008 09:12
20804020105	IDW	Solid	03/28/2008 17:00	04/02/2008 09:12
20804020106	IDW (TCLP)	Solid	03/28/2008 17:00	04/02/2008 09:12
20804020107	RINSATE #1	Water	03/28/2008 16:40	04/02/2008 06:32
20804020108	RINSATE #2	Water	03/28/2008 16:45	04/02/2008 06:32
20804020109	RINSATE #3	Water	03/28/2008 16:50	04/02/2008 06:32

Summary of Compounds Detected

GCAL ID 20804012001	Client ID OMS-28-2 (0-5)	Matrix Solid	Collect Date/Time 03/27/2008 08:45		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.013J	0.043	0.000648	mg/kg
GCAL ID 20804012002	Client ID OMS-28-2 (5-10)	Matrix Solid	Collect Date/Time 03/27/2008 08:50		Receive Date/Time 04/01/2008 11:41	
	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.021J	0.053	0.000798	mg/kg
GCAL ID 20804012003	Client ID OMS-28-2 (15-20)	Matrix Solid	Collect Date/Time 03/27/2008 08:55		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00616J	0.045	0.000678	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20804012004	OMS-28-5 (0-5)	Solid	03/27/2008 10:45		04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.013J	0.047	0.000699	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20804012005	OMS-28-5 (5-10)	Solid	03/27/2008 10:50		04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.015J	0.044	0.000654	mg/kg
GCAL ID 20804012006	Client ID OMS-28-5 (15-20)	Matrix Solid	Collect Date/Time 03/27/2008 11:00		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.031J	0.044	0.000661	mg/kg
79-01-6	Trichloroethene		0.00783J	0.00883	0.000313	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.00643J	0.00883	0.000223	mg/kg

GCAL ID 20804012007	Client ID OMS-28-4 (0-5)	<mark>Matrix</mark> Solid	Collect Date/Time 03/27/2008 13:20		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.025J	0.033	0.000498	mg/kg
GCAL ID 20804012008	Client ID OMS-28-4 (5-10)	Matrix Solid	Collect Date/Time 03/27/2008 13:30		Receive Date/Time 04/01/2008 11:41	
	60B DOD Solid		39/21/2000 10:00		0 110 112000 1 1111	
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.012J	0.037	0.000555	mg/kg
GCAL ID 20804012009	Client ID OMS-28-4 (10-15)	Matrix Solid	Collect Date/Time 03/27/2008 13:40		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.028J	0.047	0.000707	mg/kg
79-01-6	Trichloroethene		0.027	0.00945	0.000335	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.00546J	0.00945	0.000238	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20804012010	OMS-28-4 (70-75)	Solid	03/27/2008 14:30		04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.010J	0.031	0.000461	mg/kg
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20804012011	DUP 1	Solid	03/27/2008 08:45		04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00932J	0.036	0.000541	mg/kg
GCAL ID	Client ID	Matrix Solid	Collect Date/Time 03/27/2008 10:45		Receive Date/Time 04/01/2008 11:41	
20804012012	DUP 2	Solid	03/21/2000 10:43		04/01/2000 11:41	
	60B DOD Solid	Solid	03/21/2000 10.43		04/01/2000 11.41	
		Solid	Result	RDL	MDL	Units

GCAL ID 20804012013	Client ID DUP 3	Matrix Solid	Collect Date/Time Receive Date/Time 03/27/2008 13:20 04/01/2008 11:41			
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00404J	0.045	0.000670	mg/kg
GCAL ID 20804012101	Client ID OMS-28-3 (0-5)	Matrix Solid	Collect Date/Time 03/26/2008 13:20		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1 91-20-3	Acetone Naphthalene		0.013J 0.017	0.033 0.00659	0.000493 0.000495	mg/kg mg/kg
GCAL ID 20804012102	Client ID OMS-28-3 (5-10)	Matrix Solid	Collect Date/Time 03/26/2008 13:25		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1 75-15-0	Acetone Carbon disulfide		0.094 0.012	0.055 0.011	0.000827 0.000241	mg/kg mg/kg
GCAL ID 20804012103	Client ID OMS-28-3 (10-15)	Matrix Solid	Collect Date/Time 03/26/2008 13:30		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
79-01-6	Trichloroethene		0.211J	0.271	0.00960	mg/kg
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1 75-15-0 156-59-2	Acetone Carbon disulfide cis-1,2-Dichloroethene		0.062 0.033 0.00912J	0.048 0.00967 0.00967	0.000723 0.000211 0.000244	mg/kg mg/kg mg/kg
GCAL ID 20804012104	Client ID OMS-28-7 (0-5)	Matrix Solid	Collect Date/Time 03/26/2008 13:45		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.029J	0.036	0.000532	mg/kg

GCAL ID 20804012105	Client ID OMS-28-7 (5-10)	Matrix Solid	Collect Date/Time 03/26/2008 13:50	Receive Date/Time 04/01/2008 11:41		
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	Result RDL MDL		Units
67-64-1	Acetone		0.012J	0.040	0.000605	mg/kg
GCAL ID 20804012106	Client ID OMS-28-7 (15-20)	Matrix Solid	Collect Date/Time 03/26/2008 16:00		Receive Date/Time 04/01/2008 11:41	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00722J	0.036	0.000540	mg/kg
GCAL ID 20804020101	Client ID OMS-28-6 (0-5)	Matrix Solid	Collect Date/Time 03/28/2008 11:00		Receive Date/Time 04/02/2008 09:12	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00625J	0.037	0.000547	mg/kg
	All	Bantuine	Collect Date/Time		Receive Date/Time	
GCAL ID 20804020102	Client ID OMS-28-6 (5-10)	Matrix Solid	03/28/2008 11:10		04/02/2008 09:12	
20804020102						
20804020102	OMS-28-6 (5-10)			RDL		Units
20804020102 SW-846 82	OMS-28-6 (5-10) 60B DOD Solid		03/28/2008 11:10	RDL 0.00577	04/02/2008 09:12	Units mg/kg
20804020102 SW-846 82 CAS#	OMS-28-6 (5-10) 60B DOD Solid Parameter		03/28/2008 11:10 Result		04/02/2008 09:12 MDL	
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time		04/02/2008 09:12 MDL 0.000204 Receive Date/Time	
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15)	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time		04/02/2008 09:12 MDL 0.000204 Receive Date/Time	
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15	0.00577	MDL 0.000204 Receive Date/Time 04/02/2008 09:12	mg/kg
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82 CAS# 79-01-6	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid Parameter	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15 Result	0.00577 RDL	MDL 0.000204 Receive Date/Time 04/02/2008 09:12	mg/kg Units
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82 CAS# 79-01-6	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid Parameter Trichloroethene	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15 Result	0.00577 RDL	MDL 0.000204 Receive Date/Time 04/02/2008 09:12	mg/kg Units
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82 CAS# 79-01-6 SW-846 82	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid Parameter Trichloroethene 60B DOD Solid	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15 Result 0.107J	0.00577 RDL 0.255	MDL 0.000204 Receive Date/Time 04/02/2008 09:12 MDL 0.00904	mg/kg Units mg/kg
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82 CAS# 79-01-6 SW-846 82 CAS# 67-64-1 75-15-0	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid Parameter Trichloroethene 60B DOD Solid Parameter Acetone Carbon disulfide	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15 Result 0.107J Result 0.037 0.00342J	0.00577 RDL 0.255 RDL 0.034 0.00681	MDL 0.000204 Receive Date/Time 04/02/2008 09:12 MDL 0.00904 MDL 0.000509 0.000148	Units mg/kg Units mg/kg mg/kg
20804020102 SW-846 82 CAS# 79-01-6 GCAL ID 20804020103 SW-846 82 CAS# 79-01-6 SW-846 82 CAS# 67-64-1	OMS-28-6 (5-10) 60B DOD Solid Parameter Trichloroethene Client ID OMS-28-6 (10-15) 60B DOD Solid Parameter Trichloroethene 60B DOD Solid Parameter Acetone	Solid Matrix	03/28/2008 11:10 Result 0.076 Collect Date/Time 03/28/2008 11:15 Result 0.107J Result 0.037	0.00577 RDL 0.255 RDL 0.034	MDL 0.000204 Receive Date/Time 04/02/2008 09:12 MDL 0.00904 MDL 0.000509	mg/kg Units mg/kg Units mg/kg

GCAL ID 20804020104	Client ID OMS-28-6 (70-75)	Matrix Solid	Collect Date/Time Receive Date/Time 03/28/2008 12:40 04/02/2008 09:12			
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result RDL		MDL	Units
67-64-1	Acetone		0.00505J	0.026	0.000382	mg/kg
GCAL ID 20804020105	Client ID IDW	Matrix Solid	Collect Date/Time 03/28/2008 17:00		Receive Date/Time 04/02/2008 09:12	
SW-846 82	60B DOD Solid					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.040J	0.065	0.000974	mg/kg
GCAL ID 20804020106	Client ID IDW (TCLP)	Matrix Solid	Collect Date/Time 03/28/2008 17:00		Receive Date/Time 04/02/2008 09:12	
SW-846 82	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
71-43-2	Benzene		0.055J	0.200	0.00900	mg/L
GCAL ID 20804020107	Client ID RINSATE #1	Matrix Water	Collect Date/Time 03/28/2008 16:40		Receive Date/Time 04/02/2008 06:32	
SW-846 82	60B DOD Water					
CAS#	Parameter		Result	RDL	MDL	Units
75-09-2						
.0002	Methylene chloride		0.000202J	0.010	0.000104	mg/L
GCAL ID 20804020108	Methylene chloride Client ID RINSATE #2	Matrix Water	0.000202J Collect Date/Time 03/28/2008 16:45	0.010	0.000104 Receive Date/Time 04/02/2008 06:32	mg/L
GCAL ID 20804020108	Client ID		Collect Date/Time	0.010	Receive Date/Time	mg/L
GCAL ID 20804020108	Client ID RINSATE #2		Collect Date/Time	0.010	Receive Date/Time	mg/L Units
GCAL ID 20804020108 SW-846 82	Client ID RINSATE #2		Collect Date/Time 03/28/2008 16:45		Receive Date/Time 04/02/2008 06:32	-
GCAL ID 20804020108 SW-846 82 CAS#	Client ID RINSATE #2 260B DOD Water Parameter		Collect Date/Time 03/28/2008 16:45 Result	RDL	Receive Date/Time 04/02/2008 06:32	Units
GCAL ID 20804020108 SW-846 82 CAS# 75-09-2 GCAL ID 20804020109	Client ID RINSATE #2 260B DOD Water Parameter Methylene chloride Client ID	Water Matrix	Collect Date/Time 03/28/2008 16:45 Result 0.000240J Collect Date/Time	RDL	Receive Date/Time 04/02/2008 06:32 MDL 0.000104 Receive Date/Time	Units
GCAL ID 20804020108 SW-846 82 CAS# 75-09-2 GCAL ID 20804020109	Client ID RINSATE #2 260B DOD Water Parameter Methylene chloride Client ID RINSATE #3	Water Matrix	Collect Date/Time 03/28/2008 16:45 Result 0.000240J Collect Date/Time	RDL	Receive Date/Time 04/02/2008 06:32 MDL 0.000104 Receive Date/Time	Units

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012001	OMS-28-2 (0-5)	Solid	03/27/2008 08:45	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 12:58	By Analytical B JCK 371626	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000213U	0.00866	0.000213	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000312U	0.00866	0.000312	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000197U	0.00866	0.000197	mg/kg
75-34-3	1,1-Dichloroethane	0.000275U	0.00866	0.000275	mg/kg
75-35-4	1,1-Dichloroethene	0.000622U	0.00866	0.000622	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000566U	0.00866	0.000566	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00150U	0.00866	0.00150	mg/kg
106-93-4	1,2-Dibromoethane	0.000260U	0.00866	0.000260	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000197U	0.00866	0.000197	mg/kg
107-06-2	1,2-Dichloroethane	0.000197U	0.00866	0.000197	mg/kg
78-87-5	1,2-Dichloropropane	0.000194U	0.00866	0.000194	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000409U	0.00866	0.000409	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000729U	0.00866	0.000729	mg/kg
78-93-3	2-Butanone	0.000540U	0.00866	0.000540	mg/kg
591-78-6	2-Hexanone	0.00143U	0.00866	0.00143	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000300U	0.00866	0.000300	mg/kg
67-64-1	Acetone	0.003000 0.013J	0.043	0.000648	mg/kg
71-43-2	Benzene	0.000180U	0.00866	0.000180	
75-27-4	Bromodichloromethane	0.000180U 0.000234U	0.00866	0.000180	mg/kg
75-27-4 75-25-2	Bromoform	0.000234U	0.00866	0.000234	mg/kg
73-23-2 74-83-9	Bromomethane	0.00293U 0.00261U			mg/kg
74-63-9 75-15-0	Carbon disulfide		0.00866	0.00261	mg/kg
		0.000189U	0.00866	0.000189	mg/kg
56-23-5	Carbon tetrachloride	0.000208U	0.00866	0.000208	mg/kg
108-90-7	Chlorobenzene	0.000286U	0.00866	0.000286	mg/kg
75-00-3	Chloroethane	0.00105U	0.00866	0.00105	mg/kg
67-66-3	Chloroform	0.000244U	0.00866	0.000244	mg/kg
74-87-3	Chloromethane	0.000803U	0.00866	0.000803	mg/kg
110-82-7	Cyclohexane	0.00192U	0.00866	0.00192	mg/kg
124-48-1	Dibromochloromethane	0.000156U	0.00866	0.000156	mg/kg
75-71-8	Dichlorodifluoromethane	0.000630U	0.00866	0.000630	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000199U	0.00866	0.000199	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000244U	0.00866	0.000244	mg/kg
100-41-4	Ethylbenzene	0.000358U	0.00866	0.000358	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000265U	0.00866	0.000265	mg/kg
79-20-9	Methyl Acetate	0.00265U	0.00866	0.00265	mg/kg
108-87-2	Methylcyclohexane	0.000641U	0.00866	0.000641	mg/kg
75-09-2	Methylene chloride	0.000829U	0.017	0.000829	mg/kg
91-20-3	Naphthalene	0.000651U	0.00866	0.000651	mg/kg
100-42-5	Styrene	0.000263U	0.00866	0.000263	mg/kg
127-18-4	Tetrachloroethene	0.000332U	0.00866	0.000332	mg/kg
108-88-3	Toluene	0.000952U	0.00866	0.000952	mg/kg
79-01-6	Trichloroethene	0.000306U	0.00866	0.000306	mg/kg
75-69-4	Trichlorofluoromethane	0.000436U	0.00866	0.000436	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000326U	0.00866	0.000326	mg/kg
75-01-4	Vinyl chloride	0.000608U	0.00866	0.000608	mg/kg
1330-20-7	Xylene (total)	0.000990U	0.017	0.000990	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000218U	0.00866	0.000218	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000128U	0.00866	0.000128	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000284U	0.00866	0.000284	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012001	OMS-28-2 (0-5)	Solid	03/27/2008 08:45	04/01/2008 11:41

SW-846 8260B DOD Solid Prep Date Prep Batch

Prep Date	Prep Batch	Prep Method Dilutio		Analyzed 04/06/2008 12:58	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	coverv	Rec Limits
460-00-4	4-Bromofluorobenzene	.073	.075	mg/kg		102	85 - 120
1868-53-7	Dibromofluoromethane	.073	.076	mg/kg		103	65 - 130
2037-26-5	Toluene d8	.073	.081	mg/kg		110	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.073	.082	mg/kg		112	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012002	OMS-28-2 (5-10)	Solid	03/27/2008 08:50	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 13:20	By Analytical B JCK 371626	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000263U	0.011	0.000263	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000384U	0.011	0.000384	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000243U	0.011	0.000243	mg/kg
75-34-3	1,1-Dichloroethane	0.000339U	0.011	0.000339	mg/kg
75-35-4	1,1-Dichloroethene	0.000766U	0.011	0.000766	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000698U	0.011	0.000698	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00185U	0.011	0.00185	mg/kg
106-93-4	1,2-Dibromoethane	0.000320U	0.011	0.000320	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000243U	0.011	0.000243	mg/kg
107-06-2	1,2-Dichloroethane	0.000243U	0.011	0.000243	mg/kg
78-87-5	1,2-Dichloropropane	0.000239U	0.011	0.000239	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000504U	0.011	0.000504	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000899U	0.011	0.000899	mg/kg
78-93-3	2-Butanone	0.000666U	0.011	0.000666	mg/kg
591-78-6	2-Hexanone	0.00176U	0.011	0.00176	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000369U	0.011	0.000369	mg/kg
67-64-1	Acetone	0.021J	0.053	0.000798	mg/kg
71-43-2	Benzene	0.000222U	0.011	0.000222	mg/kg
75-27-4	Bromodichloromethane	0.0002220 0.000288U	0.011	0.000222	mg/kg
75-25-2	Bromoform	0.000361U	0.011	0.000361	mg/kg
74-83-9	Bromomethane	0.00321U	0.011	0.00321	mg/kg
75-15-0	Carbon disulfide	0.000233U	0.011	0.00023	mg/kg
56-23-5	Carbon tetrachloride	0.000256U	0.011	0.000256	mg/kg
108-90-7	Chlorobenzene	0.000250U	0.011	0.000250	mg/kg
75-00-3	Chloroethane	0.000332U 0.00129U	0.011	0.00129	mg/kg
67-66-3	Chloroform	0.000301U	0.011	0.000301	mg/kg
74-87-3	Chloromethane	0.000990U	0.011	0.000301	mg/kg
110-82-7	Cyclohexane	0.000390U	0.011	0.000930	mg/kg
124-48-1	Dibromochloromethane	0.00230U 0.000192U	0.011	0.00230	
75-71-8	Dichlorodifluoromethane	0.0001920 0.000777U	0.011	0.000192	mg/kg mg/kg
10061-01-5		0.0007770 0.000245U	0.011	0.000777	
10061-01-5	cis-1,3-Dichloropropene	0.000245U	0.011	0.000245	mg/kg
10061-02-6	trans-1,3-Dichloropropene Ethylbenzene	0.0003010 0.000442U	0.011	0.000301	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000442U 0.000327U	0.011	0.000442	mg/kg
79-20-9	Methyl Acetate	0.000327U 0.00326U	0.011	0.000327	mg/kg
	•				mg/kg
108-87-2	Methyloga pharida	0.000790U	0.011	0.000790	mg/kg
75-09-2	Methylene chloride Naphthalene	0.00102U	0.021	0.00102	mg/kg
91-20-3	•	0.000802U	0.011	0.000802	mg/kg
100-42-5	Styrene	0.000324U	0.011	0.000324	mg/kg
127-18-4	Tetrachloroethene	0.000410U	0.011	0.000410	mg/kg
108-88-3	Toluene	0.00117U	0.011	0.00117	mg/kg
79-01-6	Trichlorofthene	0.000378U	0.011	0.000378	mg/kg
75-69-4	Trichlorofluoromethane	0.000538U	0.011	0.000538	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000401U	0.011	0.000401	mg/kg
75-01-4	Vinyl chloride	0.000749U	0.011	0.000749	mg/kg
1330-20-7	Xylene (total)	0.00122U	0.021	0.00122	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000269U	0.011	0.000269	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000158U	0.011	0.000158	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000350U	0.011	0.000350	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012002	OMS-28-2 (5-10)	Solid	03/27/2008 08:50	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 13:20	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red		Rec Limits
460-00-4	4-Bromofluorobenzene	.089	.09	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	.089	.088	mg/kg		99	65 - 130
2037-26-5	Toluene d8	.089	.096	mg/kg		107	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.089	.097	mg/kg		109	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012003	OMS-28-2 (15-20)	Solid	03/27/2008 08:55	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 13:43	By Analytical JCK 371626	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000223U	0.00907	0.000223	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000326U	0.00907	0.000326	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000207U	0.00907	0.000207	mg/kg
75-34-3	1,1-Dichloroethane	0.000288U	0.00907	0.000288	mg/kg
75-35-4	1,1-Dichloroethene	0.000651U	0.00907	0.000651	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000593U	0.00907	0.000593	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00157U	0.00907	0.00157	mg/kg
106-93-4	1,2-Dibromoethane	0.000272U	0.00907	0.000272	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000207U	0.00907	0.000207	mg/kg
107-06-2	1,2-Dichloroethane	0.000207U	0.00907	0.000207	mg/kg
78-87-5	1,2-Dichloropropane	0.000203U	0.00907	0.000203	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000428U	0.00907	0.000428	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000763U	0.00907	0.000763	mg/kg
78-93-3	2-Butanone	0.000566U	0.00907	0.000566	mg/kg
591-78-6	2-Hexanone	0.00150U	0.00907	0.00150	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000314U	0.00907	0.000314	mg/kg
67-64-1	Acetone	0.00616J	0.045	0.000678	mg/kg
71-43-2	Benzene	0.000189U	0.00907	0.000189	mg/kg
75-27-4	Bromodichloromethane	0.000165U	0.00907	0.000165	mg/kg
75-25-2	Bromoform	0.0002480 0.000306U	0.00907	0.000306	mg/kg
74-83-9	Bromomethane	0.00273U	0.00907	0.00273	mg/kg
75-15-0	Carbon disulfide	0.00273U	0.00907	0.00273	mg/kg
56-23-5	Carbon tetrachloride	0.000138U	0.00907	0.000138	mg/kg
108-90-7	Chlorobenzene	0.000210U	0.00907	0.000210	mg/kg
75-00-3	Chloroethane	0.00110U	0.00907	0.00110	mg/kg
67-66-3	Chloroform	0.000256U	0.00907	0.000110	mg/kg
74-87-3	Chloromethane	0.0002300 0.000841U	0.00907	0.000230	mg/kg
110-82-7	Cyclohexane	0.00201U	0.00907	0.00201	mg/kg
124-48-1	Dibromochloromethane	0.002010 0.000163U	0.00907	0.00201	
75-71-8	Dichlorodifluoromethane	0.000163U	0.00907	0.000163	mg/kg
10061-01-5		0.000209U	0.00907	0.000209	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000209U	0.00907	0.000209	mg/kg
10061-02-6	trans-1,3-Dichloropropene		0.00907		mg/kg
	Ethylbenzene	0.000375U		0.000375	mg/kg
98-82-8 79-20-9	Isopropylbenzene (Cumene) Methyl Acetate	0.000277U 0.00277U	0.00907 0.00907	0.000277 0.00277	mg/kg
	•				mg/kg
108-87-2	Methylogo ablatida	0.000671U	0.00907	0.000671	mg/kg
75-09-2	Methylene chloride	0.000869U	0.018	0.000869	mg/kg
91-20-3	Naphthalene	0.000682U	0.00907	0.000682	mg/kg
100-42-5	Styrene	0.000276U	0.00907	0.000276	mg/kg
127-18-4	Tetrachloroethene	0.000348U	0.00907	0.000348	mg/kg
108-88-3	Toluene	0.000997U	0.00907	0.000997	mg/kg
79-01-6	Trichland (Language)	0.000321U	0.00907	0.000321	mg/kg
75-69-4	Trichlorofluoromethane	0.000457U	0.00907	0.000457	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000341U	0.00907	0.000341	mg/kg
75-01-4	Vinyl chloride	0.000636U	0.00907	0.000636	mg/kg
1330-20-7	Xylene (total)	0.00104U	0.018	0.00104	mg/k(
156-59-2	cis-1,2-Dichloroethene	0.000228U	0.00907	0.000228	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000134U	0.00907	0.000134	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000297U	0.00907	0.000297	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012003	OMS-28-2 (15-20)	Solid	03/27/2008 08:55	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 13:43	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.075	.075	mg/kg		100	85 - 120
1868-53-7	Dibromofluoromethane	.075	.073	mg/kg		96	65 - 130
2037-26-5	Toluene d8	.075	.076	mg/kg		101	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.075	.078	mg/kg		104	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012004	OMS-28-5 (0-5)	Solid	03/27/2008 10:45	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 14:06	By Analytical JCK 371626	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000230U	0.00935	0.000230	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000337U	0.00935	0.000337	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000213U	0.00935	0.000213	mg/kg
75-34-3	1,1-Dichloroethane	0.000297U	0.00935	0.000297	mg/kg
75-35-4	1,1-Dichloroethene	0.000671U	0.00935	0.000671	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000612U	0.00935	0.000612	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00162U	0.00935	0.00162	mg/kg
106-93-4	1,2-Dibromoethane	0.000281U	0.00935	0.000281	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000213U	0.00935	0.000213	mg/kg
107-06-2	1,2-Dichloroethane	0.000213U	0.00935	0.000213	mg/kg
78-87-5	1,2-Dichloropropane	0.000209U	0.00935	0.000209	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000441U	0.00935	0.000441	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000787U	0.00935	0.000787	mg/kg
78-93-3	2-Butanone	0.000584U	0.00935	0.000584	mg/kg
591-78-6	2-Hexanone	0.00154U	0.00935	0.00154	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000324U	0.00935	0.000324	mg/kg
67-64-1	Acetone	0.013J	0.047	0.000699	mg/kg
71-43-2	Benzene	0.000195U	0.00935	0.000195	mg/kg
75-27-4	Bromodichloromethane	0.000150U	0.00935	0.000155	mg/kg
75-25-2	Bromoform	0.0002020 0.000316U	0.00935	0.000316	mg/kg
74-83-9	Bromomethane	0.00281U	0.00935	0.00281	mg/kg
75-15-0	Carbon disulfide	0.00201U	0.00935	0.00201	mg/kg
56-23-5	Carbon tetrachloride	0.000204U	0.00935	0.000204	mg/kg
108-90-7	Chlorobenzene	0.000309U	0.00935	0.000309	mg/kg
75-00-3	Chloroethane	0.00113U	0.00935	0.00113	mg/kg
67-66-3	Chloroform	0.0001130 0.000264U	0.00935	0.000113	mg/kg
74-87-3	Chloromethane	0.0002040 0.000868U	0.00935	0.000204	mg/kg
110-82-7	Cyclohexane	0.00207U	0.00935	0.00207	mg/kg
124-48-1	Dibromochloromethane	0.002070 0.000168U	0.00935	0.00207	
75-71-8	Dichlorodifluoromethane	0.000168U	0.00935	0.000168	mg/kg
10061-01-5		0.00081U	0.00935	0.000081	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.0002130 0.000264U	0.00935	0.000213	mg/kg
	trans-1,3-Dichloropropene				mg/kg
100-41-4	Ethylbenzene	0.000387U 0.000286U	0.00935	0.000387	mg/kg
98-82-8 79-20-9	Isopropylbenzene (Cumene)		0.00935	0.000286	mg/kg
	Methyl Acetate	0.00286U	0.00935	0.00286	mg/kg
108-87-2	Methylcyclohexane	0.000692U	0.00935	0.000692	mg/kg
75-09-2	Methylene chloride	0.000896U	0.019	0.000896	mg/kg
91-20-3	Naphthalene	0.000703U	0.00935	0.000703	mg/kg
100-42-5	Styrene	0.000284U	0.00935	0.000284	mg/kg
127-18-4	Tetrachloroethene	0.000359U	0.00935	0.000359	mg/kg
108-88-3	Toluene	0.00103U	0.00935	0.00103	mg/kg
79-01-6	Trichloroethene	0.000331U	0.00935	0.000331	mg/kg
75-69-4	Trichlorofluoromethane	0.000471U	0.00935	0.000471	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000352U	0.00935	0.000352	mg/kg
75-01-4	Vinyl chloride	0.000656U	0.00935	0.000656	mg/kg
1330-20-7	Xylene (total)	0.00107U	0.019	0.00107	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000236U	0.00935	0.000236	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000138U	0.00935	0.000138	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000307U	0.00935	0.000307	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012004	OMS-28-5 (0-5)	Solid	03/27/2008 10:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed 04/06/2008 14:06	By JCK	Analytica 371626	l Batch
			<u> </u>	04/06/2008 14.06	JUN	37 1020	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.078	.079	mg/kg		102	85 - 120
1868-53-7	Dibromofluoromethane	.078	.077	mg/kg		99	65 - 130
2037-26-5	Toluene d8	.078	.082	mg/kg		106	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.078	.085	mg/kg		109	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012005	OMS-28-5 (5-10)	Solid	03/27/2008 10:50	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 14:28	By Analytica JCK 371626	Il Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000215U	0.00875	0.000215	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000315U	0.00875	0.000315	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000199U	0.00875	0.000199	mg/kg
75-34-3	1,1-Dichloroethane	0.000278U	0.00875	0.000278	mg/kg
75-35-4	1,1-Dichloroethene	0.000628U	0.00875	0.000628	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000572U	0.00875	0.000572	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00152U	0.00875	0.00152	mg/kg
106-93-4	1,2-Dibromoethane	0.000262U	0.00875	0.000262	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000199U	0.00875	0.000199	mg/kg
107-06-2	1,2-Dichloroethane	0.000199U	0.00875	0.000199	mg/kg
78-87-5	1,2-Dichloropropane	0.000196U	0.00875	0.000196	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000413U	0.00875	0.000413	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000737U	0.00875	0.000737	mg/kg
78-93-3	2-Butanone	0.000546U	0.00875	0.000546	mg/kg
591-78-6	2-Hexanone	0.00145U	0.00875	0.00145	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000303U	0.00875	0.000303	mg/kg
67-64-1	Acetone	0.015J	0.044	0.000654	mg/kg
71-43-2	Benzene	0.000182U	0.00875	0.000182	mg/kg
75-27-4	Bromodichloromethane	0.0001620 0.000236U	0.00875	0.000132	mg/kg
75-25-2	Bromoform	0.000296U	0.00875	0.000296	mg/kg
74-83-9	Bromomethane	0.00263U	0.00875	0.00263	mg/kg
75-15-0	Carbon disulfide	0.00203U	0.00875	0.000191	mg/kg
56-23-5	Carbon tetrachloride	0.0001310 0.000210U	0.00875	0.000131	mg/kg
108-90-7	Chlorobenzene	0.000210U	0.00875	0.000210	mg/kg
75-00-3	Chloroethane	0.00106U	0.00875	0.00106	mg/kg
67-66-3	Chloroform	0.000247U	0.00875	0.000247	mg/kg
74-87-3	Chloromethane	0.0002470 0.000812U	0.00875	0.000247	mg/kç
110-82-7	Cyclohexane	0.000812U	0.00875	0.00193	mg/kg
124-48-1	Dibromochloromethane	0.001930 0.000157U	0.00875	0.00193	
75-71-8	Dichlorodifluoromethane	0.000137U	0.00875	0.000637	mg/kg
10061-01-5		0.000837U	0.00875	0.00037	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000201U 0.000247U	0.00875	0.000247	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000247U			mg/kg
98-82-8	Ethylbenzene		0.00875	0.000362	mg/kg
79-20-9	Isopropylbenzene (Cumene) Methyl Acetate	0.000268U 0.00268U	0.00875 0.00875	0.000268 0.00268	mg/kg
	•				mg/kg
108-87-2	Methylogo ablatida	0.000647U	0.00875	0.000647	mg/kg
75-09-2	Methylene chloride	0.000838U	0.017	0.000838	mg/kg
91-20-3	Naphthalene	0.000658U	0.00875	0.000658	mg/kg
100-42-5	Styrene	0.000266U	0.00875	0.000266	mg/kg
127-18-4	Tetrachloroethene	0.000336U	0.00875	0.000336	mg/kg
108-88-3	Toluene	0.000962U	0.00875	0.000962	mg/kg
79-01-6	Trichland (Language)	0.000310U	0.00875	0.000310	mg/kg
75-69-4	Trichlorofluoromethane	0.000441U	0.00875	0.000441	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000329U	0.00875	0.000329	mg/kg
75-01-4	Vinyl chloride	0.000614U	0.00875	0.000614	mg/kg
1330-20-7	Xylene (total)	0.00100U	0.017	0.00100	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000220U	0.00875	0.000220	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000129U	0.00875	0.000129	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000287U	0.00875	0.000287	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012005	OMS-28-5 (5-10)	Solid	03/27/2008 10:50	04/01/2008 11:41

SW-846 8260B DOD Solid Prep Date Prep Batch

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 14:28	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.071	.073	mg/kg		102	85 - 120
1868-53-7	Dibromofluoromethane	.071	.076	mg/kg		106	65 - 130
2037-26-5	Toluene d8	.071	.081	mg/kg		114	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.071	.086	mg/kg		120	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012006	OMS-28-5 (15-20)	Solid	03/27/2008 11:00	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 17:52	By JCK	Analytical B 371626	atch
CAS#	Parameter		Result	RDL		MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000217U	0.00883		0.000217	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane		0.000318U	0.00883	(0.000318	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000201U	0.00883	(0.000201	mg/kg
75-34-3	1,1-Dichloroethane		0.000281U	0.00883	(0.000281	mg/kg
75-35-4	1,1-Dichloroethene		0.000634U	0.00883	(0.000634	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000578U	0.00883		0.000578	mg/kg
96-12-8	1,2-Dibromo-3-chloroprop	ane	0.00153U	0.00883		0.00153	mg/kg
106-93-4	1,2-Dibromoethane		0.000265U	0.00883		0.000265	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000201U	0.00883		0.000201	mg/kg
107-06-2	1,2-Dichloroethane		0.000201U	0.00883		0.000201	mg/kg
78-87-5	1,2-Dichloropropane		0.000198U	0.00883		0.000198	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000417U	0.00883		0.000417	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000744U	0.00883		0.000744	mg/kg
78-93-3	2-Butanone		0.000551U	0.00883		0.000551	mg/kg
591-78-6	2-Hexanone		0.00146U	0.00883		0.00146	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000306U	0.00883		0.000306	mg/kg
67-64-1	Acetone		0.031J	0.044		0.000661	mg/kg
71-43-2	Benzene		0.000184U	0.00883		0.000184	mg/kg
75-27-4	Bromodichloromethane		0.0001040 0.000238U	0.00883		0.000134	mg/kg
75-27- 4 75-25-2	Bromoform		0.000238U	0.00883		0.000238	mg/kg
74-83-9	Bromomethane		0.00296U	0.00883	,	0.00296	
75-15-0	Carbon disulfide		0.002000 0.000193U	0.00883		0.00200	mg/kg
56-23-5	Carbon tetrachloride		0.0001930 0.000212U	0.00883		0.000193	mg/kg
108-90-7	Chlorobenzene		0.0002120 0.000291U	0.00883		0.000212	mg/kg
75-00-3	Chloroethane		0.0002910 0.00107U	0.00883	,	0.00107	mg/kg
67-66-3	Chloroform		0.001070 0.000249U	0.00883		0.00107	mg/kg
74-87-3	Chloromethane		0.000249U	0.00883		0.000249	mg/kg
110-82-7	Cyclohexane		0.0008200 0.00195U	0.00883	,	0.00195	mg/kg
124-48-1	Dibromochloromethane		0.00195U	0.00883		0.00195	mg/kg
75-71-8	Dichlorodifluoromethane		0.000139U	0.00883		0.000139	mg/kg
						0.000643	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000203U	0.00883		0.000203	mg/kg
10061-02-6	trans-1,3-Dichloropropene)	0.000249U	0.00883			mg/kg
100-41-4	Ethylbenzene	1	0.000366U	0.00883		0.000366	mg/kg
98-82-8	Isopropylbenzene (Cumei	ie)	0.000270U	0.00883	,	0.000270	mg/kg
79-20-9	Methyl Acetate		0.00270U	0.00883		0.00270	mg/kg
108-87-2	Methylcyclohexane		0.000654U	0.00883		0.000654	mg/kg
75-09-2	Methylene chloride		0.000846U	0.018		0.000846	mg/kg
91-20-3	Naphthalene		0.000664U	0.00883		0.000664	mg/kg
100-42-5	Styrene		0.000268U	0.00883		0.000268	mg/kg
127-18-4	Tetrachloroethene		0.000339U	0.00883		0.000339	mg/kg
108-88-3	Toluene		0.000971U	0.00883		0.000971	mg/kg
79-01-6	Trichloroethene		0.00783J	0.00883		0.000313	mg/kg
75-69-4	Trichlorofluoromethane		0.000445U	0.00883		0.000445	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000332U	0.00883		0.000332	mg/kg
75-01-4	Vinyl chloride		0.000620U	0.00883	(0.000620	mg/kg
1330-20-7	Xylene (total)		0.00101U	0.018		0.00101	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.00643J	0.00883		0.000223	mg/kg
1634-04-4	tert-Butyl methyl ether (M	TBE)	0.000131U	0.00883		0.000131	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000290U	0.00883	(0.000290	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012006	OMS-28-5 (15-20)	Solid	03/27/2008 11:00	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 17:52	By JCK	Analytica 371626	l Batch
			<u>'</u>	04/00/2000 17.02	3010	37 1020	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.069	.066	mg/kg		95	85 - 120
1868-53-7	Dibromofluoromethane	.069	.066	mg/kg		96	65 - 130
2037-26-5	Toluene d8	.069	.069	mg/kg		99	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.069	.075	mg/kg		108	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012007	OMS-28-4 (0-5)	Solid	03/27/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 15:13	By Analytical B JCK 371626	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000164U	0.00666	0.000164	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000240U	0.00666	0.000240	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000152U	0.00666	0.000152	mg/kg
75-34-3	1,1-Dichloroethane	0.000212U	0.00666	0.000212	mg/kg
75-35-4	1,1-Dichloroethene	0.000478U	0.00666	0.000478	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000435U	0.00666	0.000435	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00115U	0.00666	0.00115	mg/kg
106-93-4	1,2-Dibromoethane	0.000200U	0.00666	0.000200	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000152U	0.00666	0.000152	mg/kg
107-06-2	1,2-Dichloroethane	0.000152U	0.00666	0.000152	mg/kg
78-87-5	1,2-Dichloropropane	0.000149U	0.00666	0.000149	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000314U	0.00666	0.000314	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000560U	0.00666	0.000560	mg/kg
78-93-3	2-Butanone	0.000415U	0.00666	0.000415	mg/kg
591-78-6	2-Hexanone	0.00110U	0.00666	0.00110	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000230U	0.00666	0.000230	mg/kg
67-64-1	Acetone	0.025J	0.033	0.000498	mg/kg
71-43-2	Benzene	0.000138U	0.00666	0.000138	mg/kg
75-27-4	Bromodichloromethane	0.000180U	0.00666	0.000180	mg/kg
75-25-2	Bromoform	0.0001000 0.000225U	0.00666	0.000100	mg/kg
74-83-9	Bromomethane	0.00220U	0.00666	0.00220	mg/kg
75-15-0	Carbon disulfide	0.002000 0.000145U	0.00666	0.000145	mg/kg
56-23-5	Carbon tetrachloride	0.0001 4 30	0.00666	0.000143	mg/kg
108-90-7	Chlorobenzene	0.000100U	0.00666	0.000100	mg/kg
75-00-3	Chloroethane	0.0002200 0.000807U	0.00666	0.000220	mg/kg
67-66-3	Chloroform	0.0000070 0.000188U	0.00666	0.000188	mg/kg
74-87-3	Chloromethane	0.000188U	0.00666	0.000188	mg/kg
110-82-7	Cyclohexane	0.00013U	0.00666	0.00147	mg/kg
124-48-1	Dibromochloromethane	0.001470 0.000120U	0.00666	0.00147	
75-71-8	Dichlorodifluoromethane	0.0001200 0.000485U	0.00666	0.000120	mg/kg
10061-01-5		0.000483U	0.00666	0.000483	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000133U	0.00666	0.000133	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000188U			mg/kg
98-82-8	Ethylbenzene	0.000276U 0.000204U	0.00666	0.000276	mg/kg
79-20-9	Isopropylbenzene (Cumene) Methyl Acetate	0.00204U	0.00666 0.00666	0.000204 0.00204	mg/kg
	•				mg/kg
108-87-2	Methylogo ablarida	0.000493U	0.00666	0.000493	mg/kg
75-09-2	Methylene chloride	0.000638U	0.013	0.000638	mg/kg
91-20-3	Naphthalene	0.000501U	0.00666	0.000501	mg/kg
100-42-5	Styrene	0.000202U	0.00666	0.000202	mg/kg
127-18-4	Tetrachloroethene	0.000256U	0.00666	0.000256	mg/kg
108-88-3	Toluene	0.000732U	0.00666	0.000732	mg/kg
79-01-6	Trichloroethene	0.000236U	0.00666	0.000236	mg/kg
75-69-4	Trichlorofluoromethane	0.000335U	0.00666	0.000335	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000250U	0.00666	0.000250	mg/kg
75-01-4	Vinyl chloride	0.000467U	0.00666	0.000467	mg/kg
1330-20-7	Xylene (total)	0.000761U	0.013	0.000761	mg/kǫ
156-59-2	cis-1,2-Dichloroethene	0.000168U	0.00666	0.000168	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000985U	0.00666	0.0000985	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000218U	0.00666	0.000218	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012007	OMS-28-4 (0-5)	Solid	03/27/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed 04/06/2008 15:13	By JCK	Analytica 371626	l Batch
			I	04/00/2008 13.13	JUN	37 1020	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.055	.057	mg/kg		105	85 - 120
1868-53-7	Dibromofluoromethane	.055	.052	mg/kg		95	65 - 130
2037-26-5	Toluene d8	.055	.054	mg/kg		99	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.055	.057	mg/kg		104	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012008	OMS-28-4 (5-10)	Solid	03/27/2008 13:30	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 15:36	By Analytical JCK 371626	Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000182U	0.00742	0.000182	mg/kg
79-34-5	1,1,2,2-Tetrachloroethar	ne	0.000267U	0.00742	0.000267	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000169U	0.00742	0.000169	mg/kg
75-34-3	1,1-Dichloroethane		0.000236U	0.00742	0.000236	mg/kg
75-35-4	1,1-Dichloroethene		0.000533U	0.00742	0.000533	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000485U	0.00742	0.000485	mg/kg
96-12-8	1,2-Dibromo-3-chloropro	pane	0.00128U	0.00742	0.00128	mg/kg
106-93-4	1,2-Dibromoethane	•	0.000223U	0.00742	0.000223	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000169U	0.00742	0.000169	mg/kg
107-06-2	1,2-Dichloroethane		0.000169U	0.00742	0.000169	mg/kg
78-87-5	1,2-Dichloropropane		0.000166U	0.00742	0.000166	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000350U	0.00742	0.000350	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000625U	0.00742	0.000625	mg/kg
78-93-3	2-Butanone		0.000463U	0.00742	0.000463	mg/kg
591-78-6	2-Hexanone		0.00123U	0.00742	0.00123	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000257U	0.00742	0.000257	mg/kg
67-64-1	Acetone		0.012J	0.037	0.000555	mg/kg
71-43-2	Benzene		0.000154U	0.00742	0.000154	mg/kg
75-27-4	Bromodichloromethane		0.0001340 0.000200U	0.00742	0.000194	mg/kg
75-27- 4 75-25-2	Bromoform		0.000250U	0.00742	0.000251	mg/kg
74-83-9	Bromomethane		0.00231U	0.00742	0.00231	mg/kg
74-03-9 75-15-0	Carbon disulfide		0.002230 0.000162U	0.00742	0.00223	mg/kg
56-23-5	Carbon distinde Carbon tetrachloride		0.0001020 0.000178U	0.00742	0.000102	
108-90-7	Chlorobenzene		0.000178U	0.00742	0.000178	mg/kg
75-00-3	Chlorobenzene		0.000245U 0.000899U	0.00742	0.000245	mg/kg
				0.00742	0.000899	mg/kg
67-66-3	Chloroform		0.000209U			mg/kg
74-87-3	Chloromethane		0.000688U	0.00742	0.000688	mg/kg
110-82-7	Cyclohexane		0.00164U	0.00742	0.00164	mg/kg
124-48-1	Dibromochloromethane		0.000134U	0.00742	0.000134	mg/kg
75-71-8	Dichlorodifluoromethane		0.000540U	0.00742	0.000540	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000171U	0.00742	0.000171	mg/kg
10061-02-6	trans-1,3-Dichloroproper	ne	0.000209U	0.00742	0.000209	mg/kg
100-41-4	Ethylbenzene	`	0.000307U	0.00742	0.000307	mg/kg
98-82-8	Isopropylbenzene (Cum	ene)	0.000227U	0.00742	0.000227	mg/kg
79-20-9	Methyl Acetate		0.00227U	0.00742	0.00227	mg/kg
108-87-2	Methylcyclohexane		0.000549U	0.00742	0.000549	mg/kg
75-09-2	Methylene chloride		0.000711U	0.015	0.000711	mg/kg
91-20-3	Naphthalene		0.000558U	0.00742	0.000558	mg/kg
100-42-5	Styrene		0.000226U	0.00742	0.000226	mg/kg
127-18-4	Tetrachloroethene		0.000285U	0.00742	0.000285	mg/kg
108-88-3	Toluene		0.000816U	0.00742	0.000816	mg/kg
79-01-6	Trichloroethene		0.000263U	0.00742	0.000263	mg/kg
75-69-4	Trichlorofluoromethane		0.000374U	0.00742	0.000374	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000279U	0.00742	0.000279	mg/kg
75-01-4	Vinyl chloride		0.000521U	0.00742	0.000521	mg/kg
1330-20-7	Xylene (total)		0.000849U	0.015	0.000849	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000187U	0.00742	0.000187	mg/kg
1634-04-4	tert-Butyl methyl ether (N		0.000110U	0.00742	0.000110	mg/kg
156-60-5	trans-1,2-Dichloroethene	9	0.000243U	0.00742	0.000243	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012008	OMS-28-4 (5-10)	Solid	03/27/2008 13:30	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 15:36	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.058	.057	mg/kg		97	85 - 120
1868-53-7	Dibromofluoromethane	.058	.056	mg/kg		97	65 - 130
2037-26-5	Toluene d8	.058	.062	mg/kg		106	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.058	.061	mg/kg		105	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012009	OMS-28-4 (10-15)	Solid	03/27/2008 13:40	04/01/2008 11:41

71-55-6 79-34-5 79-00-5 75-34-3 75-35-4 120-82-1 196-12-8 106-93-4 195-50-1 107-06-2 78-87-5 541-73-1 106-46-7 78-93-3 591-78-6	Parameter 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	Result 0.000232U 0.000340U 0.000215U 0.000301U 0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U 0.000796U	RDL 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945	MDL 0.000232 0.000340 0.000215 0.000301 0.000679 0.000618 0.00164 0.000284 0.000215 0.000215	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
79-34-5 79-00-5 75-34-3 75-35-4 120-82-1 96-12-8 106-93-4 95-50-1 107-06-2 78-87-5 541-73-1 106-46-7 78-93-3 591-78-6	1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.000340U 0.000215U 0.000301U 0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945	0.000340 0.000215 0.000301 0.000679 0.000618 0.00164 0.000284 0.000215 0.000215	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
79-00-5 75-34-3 75-35-4 120-82-1 96-12-8 106-93-4 95-50-1 107-06-2 78-87-5 541-73-1 106-46-7 78-93-3 591-78-6	1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.000215U 0.000301U 0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945	0.000215 0.000301 0.000679 0.000618 0.00164 0.000284 0.000215 0.000215	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
75-34-3 1 75-35-4 1 120-82-1 1 96-12-8 1 106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 7 78-93-3 2 591-78-6 2	1,1-Dichloroethane 1,1-Dichloroethene 1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.000301U 0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945 0.00945 0.00945	0.000301 0.000679 0.000618 0.00164 0.000284 0.000215 0.000215	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
75-35-4 1 120-82-1 1 96-12-8 1 106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 7 78-93-3 2 591-78-6 2	1,1-Dichloroethene 1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945 0.00945	0.000679 0.000618 0.00164 0.000284 0.000215 0.000215	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
75-35-4 1 120-82-1 1 96-12-8 1 106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 7 78-93-3 2 591-78-6 2	1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ine	0.000679U 0.000618U 0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945	0.000618 0.00164 0.000284 0.000215 0.000215	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg
120-82-1 1 96-12-8 1 106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dibromo-3-chloropropa 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.00164U 0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945 0.00945	0.00164 0.000284 0.000215 0.000215 0.000212	mg/kg mg/kg mg/kg mg/kg mg/kg
106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone	ane	0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945	0.000284 0.000215 0.000215 0.000212	mg/kg mg/kg mg/kg mg/kg
106-93-4 1 95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone		0.000284U 0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945 0.00945	0.000284 0.000215 0.000215 0.000212	mg/kg mg/kg mg/kg
95-50-1 1 107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone		0.000215U 0.000215U 0.000212U 0.000446U	0.00945 0.00945 0.00945	0.000215 0.000215 0.000212	mg/kg mg/kg
107-06-2 1 78-87-5 1 541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone		0.000212U 0.000446U	0.00945	0.000212	mg/kg
78-87-5 1 541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone		0.000212U 0.000446U			
541-73-1 1 106-46-7 1 78-93-3 2 591-78-6 2	1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone		0.000446U			
106-46-7 1 78-93-3 2 591-78-6 2	1,4-Dichlorobenzene 2-Butanone 2-Hexanone 4-Methyl-2-pentanone				0.000446	mg/kg
78-93-3 2 591-78-6 2	2-Butanone 2-Hexanone 4-Methyl-2-pentanone			0.00945	0.000796	mg/kg
591-78-6	2-Hexanone 4-Methyl-2-pentanone		0.000590U	0.00945	0.000590	mg/kg
108-10-1	• •		0.00156U	0.00945	0.00156	mg/kg
	• •		0.000327U	0.00945	0.000327	mg/kg
	Acetone		0.028J	0.047	0.000707	mg/kg
	Benzene		0.000197U	0.00945	0.000197	mg/kg
	Bromodichloromethane		0.000255U	0.00945	0.000255	mg/kg
	Bromoform		0.000319U	0.00945	0.000319	mg/kg
	Bromomethane		0.00284U	0.00945	0.00284	mg/kg
	Carbon disulfide		0.000204U	0.00945	0.000204	mg/kg
	Carbon tetrachloride		0.000227U	0.00945	0.000227	mg/kg
	Chlorobenzene		0.000227 U	0.00945	0.000312	mg/kg
	Chloroethane		0.00115U	0.00945	0.00115	mg/kg
	Chloroform		0.000267U	0.00945	0.000267	mg/kg
	Chloromethane		0.000207U	0.00945	0.000207	mg/kg
	Cyclohexane		0.00209U	0.00945	0.00209	mg/kg
	Dibromochloromethane		0.00203U	0.00945	0.00203	mg/kg
	Dichlorodifluoromethane		0.000170U	0.00945	0.000688	mg/kg
	cis-1,3-Dichloropropene		0.000217U	0.00945	0.000217	mg/kg
	trans-1,3-Dichloropropene		0.0002170 0.000267U	0.00945	0.000217	mg/kg
	Ethylbenzene		0.000391U	0.00945	0.000391	mg/kg
	Isopropylbenzene (Cumen	e)	0.0003310 0.000289U	0.00945	0.000331	mg/kg
	Methyl Acetate	0)	0.00289U	0.00945	0.00289	mg/kg
	Methylcyclohexane		0.000699U	0.00945	0.000699	mg/kg
	Methylene chloride		0.000905U	0.019	0.000905	mg/kg
	Naphthalene		0.000711U	0.00945	0.000711	mg/kg
	Styrene		0.0007110	0.00945	0.000287	mg/kg
	Tetrachloroethene		0.000267 U	0.00945	0.000363	mg/kg
	Toluene		0.00104U	0.00945	0.00104	mg/kg
	Trichloroethene		0.001040	0.00945	0.00134	mg/kg
	Trichlorofluoromethane		0.000476U	0.00945	0.000476	mg/kg
	Trichlorotrifluoroethane		0.0004760 0.000355U	0.00945	0.000355	mg/kg
	Vinyl chloride		0.000555U	0.00945	0.000663	mg/kg
	Xylene (total)		0.00108U	0.00943	0.00108	mg/kg
	cis-1,2-Dichloroethene		0.001080 0.00546J	0.019 0.00945	0.00108	mg/kg
	tert-Butyl methyl ether (MT	RE)	0.000140U	0.00945	0.000238	
	trans-1,2-Dichloroethene	DL)	0.000140U	0.00945	0.000140	mg/kg mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012009	OMS-28-4 (10-15)	Solid	03/27/2008 13:40	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 18:15	By Analytic		cal Batch	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits	
460-00-4	4-Bromofluorobenzene	.069	.067	mg/kg		96	85 - 120	
1868-53-7	Dibromofluoromethane	.069	.065	mg/kg		94	65 - 130	
2037-26-5	Toluene d8	.069	.071	mg/kg		103	85 - 115	
17060-07-0	1,2-Dichloroethane-d4	.069	.073	mg/kg		105	62 - 125	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012010	OMS-28-4 (70-75)	Solid	03/27/2008 14:30	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 16:22	By JCK	Analytical 371626	Batch
CAS#	Parameter		Result	RDL		MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000152U	0.00617		0.000152	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane		0.000222U	0.00617		0.000222	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000141U	0.00617		0.000141	mg/kg
75-34-3	1,1-Dichloroethane		0.000196U	0.00617		0.000196	mg/kg
75-35-4	1,1-Dichloroethene		0.000443U	0.00617		0.000443	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000403U	0.00617		0.000403	mg/kg
96-12-8	1,2-Dibromo-3-chloropropa	ne	0.00107U	0.00617		0.00107	mg/kg
106-93-4	1,2-Dibromoethane		0.000185U	0.00617		0.000185	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000141U	0.00617		0.000141	mg/kg
107-06-2	1,2-Dichloroethane		0.000141U	0.00617		0.000141	mg/kg
78-87-5	1,2-Dichloropropane		0.000138U	0.00617		0.000138	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000291U	0.00617		0.000291	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000519U	0.00617		0.000519	mg/kg
78-93-3	2-Butanone		0.000385U	0.00617		0.000385	mg/kg
591-78-6	2-Hexanone		0.00102U	0.00617		0.00102	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000213U	0.00617		0.000213	mg/kg
67-64-1	Acetone		0.010J	0.031		0.000210	mg/kg
71-43-2	Benzene		0.000128U	0.00617		0.000128	mg/kg
75-27-4	Bromodichloromethane		0.000126U	0.00617		0.000126	mg/kg
75-25-2	Bromoform		0.000100U	0.00617		0.000100	mg/kg
74-83-9	Bromomethane		0.00186U	0.00617		0.000200	mg/kg
75-15-0	Carbon disulfide		0.00134U	0.00617		0.00134	mg/kg
56-23-5	Carbon tetrachloride		0.000134U	0.00617		0.000134	mg/kg
108-90-7	Chlorobenzene		0.000148U 0.000203U	0.00617		0.000148	mg/kg
75-00-3	Chloroethane		0.000203U	0.00617		0.000203	mg/kg
67-66-3	Chloroform		0.0007470 0.000174U	0.00617		0.000747	mg/kg
74-87-3	Chloromethane		0.0001740 0.000572U	0.00617		0.000174	mg/kg
110-82-7	Cyclohexane		0.0003720 0.00136U	0.00617		0.000372	mg/kg
124-48-1	Dibromochloromethane		0.001300 0.000111U	0.00617		0.00130	mg/kg
75-71-8	Dichlorodifluoromethane		0.0001110 0.000449U	0.00617		0.000449	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000449U	0.00617		0.000449	mg/kg
10061-01-3	trans-1,3-Dichloropropene		0.000142U	0.00617		0.000142	mg/kg
10001-02-0	Ethylbenzene		0.0001740 0.000255U	0.00617		0.000174	mg/kg
98-82-8	Isopropylbenzene (Cumene	<u> </u>	0.000233U	0.00617		0.000233	mg/kg
79-20-9	Methyl Acetate	-)	0.00189U	0.00617		0.000189	mg/kg
108-87-2	Methylcyclohexane		0.000456U	0.00617		0.000456	mg/kg
75-09-2	Methylene chloride		0.000430U	0.012		0.000430	mg/kg
91-20-3	Naphthalene		0.0003510 0.000464U	0.00617		0.000351	mg/kg
100-42-5	Styrene		0.000484U 0.000187U	0.00617		0.000404	mg/kg
127-18-4	Tetrachloroethene		0.000187U	0.00617		0.000107	
108-88-3	Toluene		0.000237U	0.00617		0.000237	mg/kg mg/kg
79-01-6	Trichloroethene		0.000678U	0.00617		0.000678	mg/kg mg/kg
75-69-4	Trichlorofluoromethane		0.000218U	0.00617		0.000216	mg/kg
75-69-4 76-13-1	Trichlorotrifluoroethane		0.0003110 0.000232U	0.00617		0.000311	mg/kg
76-13-1 75-01-4			0.000232U 0.000433U	0.00617		0.000232	mg/kg
	Vinyl chloride						mg/kg
1330-20-7	Xylene (total)		0.000705U	0.012		0.000705	mg/kg
156-59-2	cis-1,2-Dichloroethene	DE\	0.000155U	0.00617		0.000155	mg/kg
1634-04-4	tert-Butyl methyl ether (MTI	DE)	0.0000913U	0.00617		.0000913	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000202U	0.00617		0.000202	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012010	OMS-28-4 (70-75)	Solid	03/27/2008 14:30	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 16:22	By JCK	Analytica 371626	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.046	.047	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	.046	.043	mg/kg		93	65 - 130
2037-26-5	Toluene d8	.046	.045	mg/kg		98	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.046	.049	mg/kg		106	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012011	DUP 1	Solid	03/27/2008 08:45	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 16:44	By Analytica JCK 371626	Il Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000178U	0.00723	0.000178	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000260U	0.00723	0.000260	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000165U	0.00723	0.000165	mg/kg
75-34-3	1,1-Dichloroethane	0.000230U	0.00723	0.000230	mg/kg
75-35-4	1,1-Dichloroethene	0.000519U	0.00723	0.000519	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000473U	0.00723	0.000473	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00125U	0.00723	0.00125	mg/kg
106-93-4	1,2-Dibromoethane	0.000217U	0.00723	0.000217	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000165U	0.00723	0.000165	mg/kg
107-06-2	1,2-Dichloroethane	0.000165U	0.00723	0.000165	mg/kg
78-87-5	1,2-Dichloropropane	0.000162U	0.00723	0.000162	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000341U	0.00723	0.000341	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000609U	0.00723	0.000609	mg/kg
78-93-3	2-Butanone	0.000451U	0.00723	0.000451	mg/kg
591-78-6	2-Hexanone	0.00119U	0.00723	0.00119	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000250U	0.00723	0.000250	mg/kg
67-64-1	Acetone	0.00932J	0.036	0.000541	mg/kg
71-43-2	Benzene	0.000150U	0.00723	0.000150	mg/kg
75-27-4	Bromodichloromethane	0.000195U	0.00723	0.000195	mg/kg
75-25-2	Bromoform	0.0001330 0.000244U	0.00723	0.000133	mg/kg
74-83-9	Bromomethane	0.002440 0.00218U	0.00723	0.00218	mg/kg
75-15-0	Carbon disulfide	0.00218U	0.00723	0.00218	mg/kg
56-23-5	Carbon tetrachloride	0.000138U	0.00723	0.000138	mg/kg
108-90-7	Chlorobenzene	0.0001740 0.000239U	0.00723	0.000174	
75-00-3	Chloroethane	0.000233U	0.00723	0.000239	mg/kg mg/kg
67-66-3	Chloroform	0.0008770 0.000204U	0.00723	0.000877	
74-87-3	Chloromethane	0.000204U	0.00723	0.000204	mg/kg
			0.00723	0.000671	mg/kg
110-82-7	Cyclohexane	0.00160U			mg/kg
124-48-1	Dibromochloromethane Dichlorodifluoromethane	0.000130U	0.00723	0.000130	mg/kg
75-71-8		0.000527U	0.00723	0.000527 0.000166	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000166U	0.00723		mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000204U	0.00723	0.000204	mg/kg
100-41-4	Ethylbenzene	0.000299U	0.00723	0.000299	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000221U	0.00723	0.000221	mg/kg
79-20-9	Methyl Acetate	0.00221U	0.00723	0.00221	mg/kg
108-87-2	Methylcyclohexane	0.000535U	0.00723	0.000535	mg/kg
75-09-2	Methylene chloride	0.000693U	0.014	0.000693	mg/kg
91-20-3	Naphthalene	0.000544U	0.00723	0.000544	mg/kg
100-42-5	Styrene	0.000220U	0.00723	0.000220	mg/kg
127-18-4	Tetrachloroethene	0.000278U	0.00723	0.000278	mg/kg
108-88-3	Toluene	0.000796U	0.00723	0.000796	mg/kg
79-01-6	Trichloroethene	0.000256U	0.00723	0.000256	mg/kg
75-69-4	Trichlorofluoromethane	0.000365U	0.00723	0.000365	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000272U	0.00723	0.000272	mg/kg
75-01-4	Vinyl chloride	0.000508U	0.00723	0.000508	mg/kg
1330-20-7	Xylene (total)	0.000827U	0.014	0.000827	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000182U	0.00723	0.000182	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000107U	0.00723	0.000107	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000237U	0.00723	0.000237	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012011	DUP 1	Solid	03/27/2008 08:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 16:44	By JCK	Analytica 371626	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec		Rec Limits
460-00-4	4-Bromofluorobenzene	.062	.06	mg/kg		97	85 - 120
1868-53-7	Dibromofluoromethane	.062	.058	mg/kg		93	65 - 130
2037-26-5	Toluene d8	.062	.06	mg/kg		96	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.062	.067	mg/kg		108	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012012	DUP 2	Solid	03/27/2008 10:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 17:07	By Analyti JCK 371626	ical Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000193U	0.00786	0.000193	mg/kg
79-34-5	1,1,2,2-Tetrachloroethan	ne	0.000283U	0.00786	0.000283	
79-00-5	1,1,2-Trichloroethane		0.000179U	0.00786	0.000179	
75-34-3	1,1-Dichloroethane		0.000250U	0.00786	0.000250	
75-35-4	1,1-Dichloroethene		0.000565U	0.00786	0.000565	
120-82-1	1,2,4-Trichlorobenzene		0.000514U	0.00786	0.000514	
96-12-8	1,2-Dibromo-3-chloropro	pane	0.00136U	0.00786	0.00136	0 0
106-93-4	1,2-Dibromoethane		0.000236U	0.00786	0.000236	
95-50-1	1,2-Dichlorobenzene		0.000179U	0.00786	0.000179	0 0
107-06-2	1,2-Dichloroethane		0.000179U	0.00786	0.000179	0 0
78-87-5	1,2-Dichloropropane		0.000176U	0.00786	0.000176	0 0
541-73-1	1,3-Dichlorobenzene		0.000371U	0.00786	0.000371	mg/kg
106-46-7	1,4-Dichlorobenzene		0.0006710 0.000662U	0.00786	0.00067	
78-93-3	2-Butanone		0.000491U	0.00786	0.000491	mg/kg
591-78-6	2-Hexanone		0.0004910 0.00130U	0.00786	0.00130	
108-10-1	4-Methyl-2-pentanone		0.000130U	0.00786	0.000272	
67-64-1	Acetone		0.0002720 0.012J	0.00760	0.000272	0 0
71-43-2	Benzene		0.00164U	0.00786	0.000164	
75-27-4	Bromodichloromethane		0.0001040 0.000212U	0.00786	0.000104	0 0
75-27-4 75-25-2	Bromoform		0.0002120 0.000266U	0.00786	0.000212	0 0
73-23-2 74-83-9						3. 3
	Bromomethane		0.00237U	0.00786	0.00237	0 0
75-15-0	Carbon disulfide		0.000171U	0.00786	0.000171	mg/kg
56-23-5	Carbon tetrachloride		0.000189U	0.00786	0.000189	0 0
108-90-7	Chlorobenzene		0.000260U	0.00786	0.000260	0 0
75-00-3	Chloroethane		0.000953U	0.00786	0.000953	0 0
67-66-3	Chloroform		0.000222U	0.00786	0.000222	0 0
74-87-3	Chloromethane		0.000730U	0.00786	0.000730	0 0
110-82-7	Cyclohexane		0.00174U	0.00786	0.00174	0 0
124-48-1	Dibromochloromethane		0.000142U	0.00786	0.000142	0 0
75-71-8	Dichlorodifluoromethane		0.000573U	0.00786	0.000573	0 0
10061-01-5	cis-1,3-Dichloropropene		0.000181U	0.00786	0.000181	mg/kg
10061-02-6	trans-1,3-Dichloroproper	ne	0.000222U	0.00786	0.000222	0 0
100-41-4	Ethylbenzene		0.000326U	0.00786	0.000326	0 0
98-82-8	Isopropylbenzene (Cume	ene)	0.000241U	0.00786	0.000241	mg/kg
79-20-9	Methyl Acetate		0.00240U	0.00786	0.00240	0 0
108-87-2	Methylcyclohexane		0.000582U	0.00786	0.000582	0 0
75-09-2	Methylene chloride		0.000753U	0.016	0.000753	0 0
91-20-3	Naphthalene		0.000591U	0.00786	0.000591	mg/kg
100-42-5	Styrene		0.000239U	0.00786	0.000239	0 0
127-18-4	Tetrachloroethene		0.000302U	0.00786	0.000302	mg/kg
108-88-3	Toluene		0.000865U	0.00786	0.000865	0 0
79-01-6	Trichloroethene		0.000278U	0.00786	0.000278	0 0
75-69-4	Trichlorofluoromethane		0.000396U	0.00786	0.000396	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000296U	0.00786	0.000296	mg/kg
75-01-4	Vinyl chloride		0.000552U	0.00786	0.000552	mg/kg
1330-20-7	Xylene (total)		0.000900U	0.016	0.000900	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000198U	0.00786	0.000198	mg/kg
1634-04-4	tert-Butyl methyl ether (M	MTBE)	0.000116U	0.00786	0.000116	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000258U	0.00786	0.000258	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012012	DUP 2	Solid	03/27/2008 10:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed 04/06/2008 17:07	By JCK	Analytica 371626	l Batch
			Į.	04/06/2008 17:07	JUN	37 1020	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.065	.063	mg/kg		97	85 - 120
1868-53-7	Dibromofluoromethane	.065	.06	mg/kg		92	65 - 130
2037-26-5	Toluene d8	.065	.064	mg/kg		98	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.065	.068	mg/kg		105	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012013	DUP 3	Solid	03/27/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 17:30	By Analytic JCK 371626	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000220U	0.00896	0.000220	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane)	0.000323U	0.00896	0.000323	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000204U	0.00896	0.000204	mg/kg
75-34-3	1,1-Dichloroethane		0.000285U	0.00896	0.000285	mg/kg
75-35-4	1,1-Dichloroethene		0.000643U	0.00896	0.000643	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000586U	0.00896	0.000586	mg/kg
96-12-8	1,2-Dibromo-3-chloroprop	ane	0.00155U	0.00896	0.00155	mg/kg
106-93-4	1,2-Dibromoethane		0.000269U	0.00896	0.000269	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000204U	0.00896	0.000204	mg/kg
107-06-2	1,2-Dichloroethane		0.000204U	0.00896	0.000204	mg/kg
78-87-5	1,2-Dichloropropane		0.000201U	0.00896	0.000201	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000423U	0.00896	0.000423	mg/kg
106-46-7	1,4-Dichlorobenzene		0.0004230	0.00896	0.000754	mg/kg
78-93-3	2-Butanone		0.000754U	0.00896	0.000559	mg/kg
591-78-6	2-Hexanone		0.00148U	0.00896	0.00148	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000310U	0.00896	0.000310	mg/kg
67-64-1	Acetone		0.0003100 0.00404J	0.0030	0.000510	mg/kg
71-43-2	Benzene		0.004043 0.000186U	0.00896	0.00016	mg/kg
71-43-2 75-27-4	Bromodichloromethane		0.000186U 0.000242U	0.00896	0.000186	
75-27-4 75-25-2	Bromoform		0.000242U 0.000303U	0.00896	0.000242	mg/kg
73-23-2 74-83-9					0.000303	mg/kg
	Bromomethane		0.00270U	0.00896		mg/kg
75-15-0	Carbon disulfide		0.000195U	0.00896	0.000195	mg/kg
56-23-5	Carbon tetrachloride		0.000215U	0.00896	0.000215	mg/kg
108-90-7	Chlorobenzene		0.000296U	0.00896	0.000296	mg/kg
75-00-3	Chloroethane		0.00109U	0.00896	0.00109	mg/kg
67-66-3	Chloroform		0.000253U	0.00896	0.000253	mg/kg
74-87-3	Chloromethane		0.000832U	0.00896	0.000832	mg/kg
110-82-7	Cyclohexane		0.00198U	0.00896	0.00198	mg/kg
124-48-1	Dibromochloromethane		0.000161U	0.00896	0.000161	mg/kg
75-71-8	Dichlorodifluoromethane		0.000652U	0.00896	0.000652	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000206U	0.00896	0.000206	mg/kg
10061-02-6	trans-1,3-Dichloropropene	e	0.000253U	0.00896	0.000253	mg/kg
100-41-4	Ethylbenzene		0.000371U	0.00896	0.000371	mg/kg
98-82-8	Isopropylbenzene (Cumer	ne)	0.000274U	0.00896	0.000274	mg/kg
79-20-9	Methyl Acetate		0.00274U	0.00896	0.00274	mg/kg
108-87-2	Methylcyclohexane		0.000663U	0.00896	0.000663	mg/kg
75-09-2	Methylene chloride		0.000858U	0.018	0.000858	mg/kg
91-20-3	Naphthalene		0.000674U	0.00896	0.000674	mg/kg
100-42-5	Styrene		0.000272U	0.00896	0.000272	mg/kg
127-18-4	Tetrachloroethene		0.000344U	0.00896	0.000344	mg/kg
108-88-3	Toluene		0.000986U	0.00896	0.000986	mg/kg
79-01-6	Trichloroethene		0.000317U	0.00896	0.000317	mg/kg
75-69-4	Trichlorofluoromethane		0.000452U	0.00896	0.000452	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000337U	0.00896	0.000337	mg/kg
75-01-4	Vinyl chloride		0.000629U	0.00896	0.000629	mg/kg
1330-20-7	Xylene (total)		0.00103U	0.018	0.00103	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000226U	0.00896	0.000226	mg/kg
1634-04-4	tert-Butyl methyl ether (M	TBE)	0.000133U	0.00896	0.000133	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000294U	0.00896	0.000294	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012013	DUP 3	Solid	03/27/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 17:30	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.076	.077	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	.076	.07	mg/kg		92	65 - 130
2037-26-5	Toluene d8	.076	.074	mg/kg		97	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.076	.079	mg/kg		103	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012101	OMS-28-3 (0-5)	Solid	03/26/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 01:25	By Analytical E JCK 371628	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000162U	0.00659	0.000162	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000237U	0.00659	0.000237	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000150U	0.00659	0.000150	mg/kg
75-34-3	1,1-Dichloroethane	0.000210U	0.00659	0.000210	mg/kg
75-35-4	1,1-Dichloroethene	0.000473U	0.00659	0.000473	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000431U	0.00659	0.000431	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00114U	0.00659	0.00114	mg/kg
106-93-4	1,2-Dibromoethane	0.000198U	0.00659	0.000198	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000150U	0.00659	0.000150	mg/kg
107-06-2	1,2-Dichloroethane	0.000150U	0.00659	0.000150	mg/kg
78-87-5	1,2-Dichloropropane	0.000148U	0.00659	0.000148	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000311U	0.00659	0.000311	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000555U	0.00659	0.000555	mg/kg
78-93-3	2-Butanone	0.000411U	0.00659	0.000411	mg/kg
591-78-6	2-Hexanone	0.00109U	0.00659	0.00109	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000228U	0.00659	0.000228	mg/kg
67-64-1	Acetone	0.002288	0.033	0.000493	mg/kg
71-43-2	Benzene	0.000137U	0.00659	0.000137	mg/kg
75-27-4	Bromodichloromethane	0.000137U	0.00659	0.000178	mg/kg
75-27- 4 75-25-2	Bromoform	0.0001780 0.000223U	0.00659	0.000178	mg/kg
74-83-9	Bromomethane	0.000223U	0.00659	0.000223	mg/kg
75-15-0	Carbon disulfide	0.001980 0.000144U	0.00659	0.00198	mg/kg
56-23-5	Carbon disdifide Carbon tetrachloride	0.0001440 0.000158U	0.00659	0.000144	
108-90-7	Chlorobenzene	0.000138U 0.000217U	0.00659	0.000138	mg/kg
75-00-3	Chloroethane	0.000217U	0.00659	0.000217	mg/kg
67-66-3	Chloroform	0.000799U	0.00659	0.000799	mg/kg
				0.000186	mg/kg
74-87-3	Chloromethane	0.000611U	0.00659		mg/kg
110-82-7	Cyclohexane	0.00146U	0.00659	0.00146	mg/kg
124-48-1	Dibromochloromethane	0.000119U	0.00659	0.000119	mg/kg
75-71-8	Dichlorodifluoromethane	0.000480U	0.00659	0.000480	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000152U	0.00659	0.000152	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000186U	0.00659	0.000186	mg/kg
100-41-4	Ethylbenzene	0.000273U	0.00659	0.000273	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000202U	0.00659	0.000202	mg/kថ្
79-20-9	Methyl Acetate	0.00201U	0.00659	0.00201	mg/kថ្
108-87-2	Methylcyclohexane	0.000488U	0.00659	0.000488	mg/kg
75-09-2	Methylene chloride	0.000631U	0.013	0.000631	mg/kg
91-20-3	Naphthalene	0.017	0.00659	0.000495	mg/kg
100-42-5	Styrene	0.000200U	0.00659	0.000200	mg/kg
127-18-4	Tetrachloroethene	0.000253U	0.00659	0.000253	mg/kg
108-88-3	Toluene	0.000725U	0.00659	0.000725	mg/kg
79-01-6	Trichloroethene	0.000233U	0.00659	0.000233	mg/kg
75-69-4	Trichlorofluoromethane	0.000332U	0.00659	0.000332	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000248U	0.00659	0.000248	mg/kg
75-01-4	Vinyl chloride	0.000463U	0.00659	0.000463	mg/kg
1330-20-7	Xylene (total)	0.000754U	0.013	0.000754	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000166U	0.00659	0.000166	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000975U	0.00659	0.0000975	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000216U	0.00659	0.000216	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012101	OMS-28-3 (0-5)	Solid	03/26/2008 13:20	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 01:25	By JCK	Analytica 371628	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.055	.058	mg/kg		105	85 - 120
1868-53-7	Dibromofluoromethane	.055	.053	mg/kg		97	65 - 130
2037-26-5	Toluene d8	.055	.054	mg/kg		99	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.055	.059	mg/kg		107	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012102	OMS-28-3 (5-10)	Solid	03/26/2008 13:25	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 01:48	By Analytical B JCK 371628	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000272U	0.011	0.000272	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000398U	0.011	0.000398	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000252U	0.011	0.000252	mg/kg
75-34-3	1,1-Dichloroethane	0.000351U	0.011	0.000351	mg/kg
75-35-4	1,1-Dichloroethene	0.000793U	0.011	0.000793	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000723U	0.011	0.000723	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00191U	0.011	0.00191	mg/kg
106-93-4	1,2-Dibromoethane	0.000332U	0.011	0.000332	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000252U	0.011	0.000252	mg/kg
107-06-2	1,2-Dichloroethane	0.000252U	0.011	0.000252	mg/kg
78-87-5	1,2-Dichloropropane	0.000248U	0.011	0.000248	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000522U	0.011	0.000522	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000930U	0.011	0.000930	mg/kg
78-93-3	2-Butanone	0.000690U	0.011	0.000690	mg/kg
591-78-6	2-Hexanone	0.00183U	0.011	0.00183	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000382U	0.011	0.000382	mg/kg
67-64-1	Acetone	0.094	0.055	0.000827	mg/kg
71-43-2	Benzene	0.000230U	0.011	0.000230	mg/kg
75-27-4	Bromodichloromethane	0.000298U	0.011	0.000298	mg/kg
75-25-2	Bromoform	0.0002360 0.000374U	0.011	0.000374	mg/kg
74-83-9	Bromomethane	0.00333U	0.011	0.00333	mg/kg
75-15-0	Carbon disulfide	0.012	0.011	0.000333	mg/kg
56-23-5	Carbon tetrachloride	0.000265U	0.011	0.000241	mg/kg
108-90-7	Chlorobenzene	0.000265U	0.011	0.000265	mg/kg
75-00-3	Chloroethane	0.000303U	0.011	0.00134	mg/kg
67-66-3	Chloroform	0.000312U	0.011	0.000312	mg/kg
74-87-3	Chloromethane	0.000312U	0.011	0.000312	mg/kg
110-82-7	Cyclohexane	0.00103U	0.011	0.00103	mg/kg
124-48-1	Dibromochloromethane	0.002440 0.000199U	0.011	0.00244	
75-71-8	Dichlorodifluoromethane	0.000199U	0.011	0.000199	mg/kg mg/kg
10061-01-5		0.000804U	0.011	0.000304	
10061-01-5	cis-1,3-Dichloropropene	0.0002340 0.000312U	0.011	0.000254	mg/kg
10061-02-6	trans-1,3-Dichloropropene Ethylbenzene	0.000312U 0.000457U	0.011	0.000312	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000437U	0.011	0.000437	mg/kg
79-20-9	Methyl Acetate	0.00338U	0.011	0.00338	mg/kg
	•	0.00338U		0.00338	mg/kg
108-87-2	Methylona phlorida		0.011	0.000818	mg/kg
75-09-2	Methylene chloride Naphthalene	0.00106U	0.022	0.00106	mg/kg
91-20-3	•	0.000831U	0.011		mg/kg
100-42-5	Styrene	0.000336U	0.011	0.000336	mg/kg
127-18-4	Tetrachloroethene	0.000424U	0.011	0.000424	mg/kg
108-88-3	Toluene	0.00122U	0.011	0.00122	mg/kg
79-01-6	Trichlorofthene	0.000391U	0.011	0.000391	mg/kg
75-69-4	Trichlorofluoromethane	0.000557U	0.011	0.000557	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000415U	0.011	0.000415	mg/kg
75-01-4	Vinyl chloride	0.000776U	0.011	0.000776	mg/kg
1330-20-7	Xylene (total)	0.00126U	0.022	0.00126	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000278U	0.011	0.000278	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000164U	0.011	0.000164	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000362U	0.011	0.000362	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012102	OMS-28-3 (5-10)	Solid	03/26/2008 13:25	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 01:48	By JCK	Analytica 371628	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.084	.088	mg/kg		105	85 - 120
1868-53-7	Dibromofluoromethane	.084	.086	mg/kg		103	65 - 130
2037-26-5	Toluene d8	.084	.089	mg/kg		107	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.084	.093	mg/kg		111	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012103	OMS-28-3 (10-15)	Solid	03/26/2008 13:30	04/01/2008 11:41

SW-846 8260B

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 03:10	By Analytical E JCK 371628	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000238U	0.00967	0.000238	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000348U	0.00967	0.000348	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000220U	0.00967	0.000220	mg/kg
75-34-3	1,1-Dichloroethane	0.000307U	0.00967	0.000307	mg/kg
75-35-4	1,1-Dichloroethene	0.000694U	0.00967	0.000694	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000632U	0.00967	0.000632	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00167U	0.00967	0.00167	mg/kg
106-93-4	1,2-Dibromoethane	0.000290U	0.00967	0.000290	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000220U	0.00967	0.000220	mg/kg
107-06-2	1,2-Dichloroethane	0.000220U	0.00967	0.000220	mg/kg
78-87-5	1,2-Dichloropropane	0.000217U	0.00967	0.000217	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000456U	0.00967	0.000456	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000814U	0.00967	0.000814	mg/kg
78-93-3	2-Butanone	0.000603U	0.00967	0.000603	mg/kg
591-78-6	2-Hexanone	0.00160U	0.00967	0.00160	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000335U	0.00967	0.000335	mg/kg
67-64-1	Acetone	0.062	0.048	0.000723	mg/kg
71-43-2	Benzene	0.000201U	0.00967	0.000201	mg/kg
75-27-4	Bromodichloromethane	0.000261U	0.00967	0.000261	mg/kg
75-25-2	Bromoform	0.000327U	0.00967	0.000327	mg/kg
74-83-9	Bromomethane	0.00291U	0.00967	0.00291	mg/kg
75-15-0	Carbon disulfide	0.033	0.00967	0.000211	mg/kg
56-23-5	Carbon tetrachloride	0.000232U	0.00967	0.000232	mg/kg
108-90-7	Chlorobenzene	0.000319U	0.00967	0.000319	mg/kg
75-00-3	Chloroethane	0.00117U	0.00967	0.00117	mg/kg
67-66-3	Chloroform	0.000273U	0.00967	0.000273	mg/kg
74-87-3	Chloromethane	0.000897U	0.00967	0.000897	mg/kg
110-82-7	Cyclohexane	0.00214U	0.00967	0.00214	mg/kg
124-48-1	Dibromochloromethane	0.000174U	0.00967	0.000174	mg/kg
75-71-8	Dichlorodifluoromethane	0.000704U	0.00967	0.000704	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000222U	0.00967	0.000222	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000273U	0.00967	0.000273	mg/kg
100-41-4	Ethylbenzene	0.000400U	0.00967	0.000400	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000296U	0.00967	0.000296	mg/kg
79-20-9	Methyl Acetate	0.00296U	0.00967	0.00296	mg/kg
108-87-2	Methylcyclohexane	0.000715U	0.00967	0.000715	mg/kg
75-09-2	Methylene chloride	0.000926U	0.019	0.000926	mg/kg
91-20-3	Naphthalene	0.000727U	0.00967	0.000727	mg/kg
100-42-5	Styrene	0.000294U	0.00967	0.000294	mg/kg
127-18-4	Tetrachloroethene	0.000371U	0.00967	0.000371	mg/kg
108-88-3	Toluene	0.00106U	0.00967	0.00106	mg/kg
75-69-4	Trichlorofluoromethane	0.000487U	0.00967	0.000487	mg/kg
76-13-1	Trichlorotrifluoroethane	0.0004676 0.000364U	0.00967	0.000467	mg/kg
75-01-4	Vinyl chloride	0.0003040 0.000679U	0.00967	0.000504	mg/kg
1330-20-7	Xylene (total)	0.00079U	0.00907	0.00019	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.001110 0.00912J	0.00967	0.000111	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.009123 0.000143U	0.00967	0.000244	mg/kg
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cit Dutyi meniyi eniel (MTDL)	0.0001430	0.00307	0.000143	mg/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012103	OMS-28-3 (10-15)	Solid	03/26/2008 13:30	04/01/2008 11:41

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:10	By JCK	Analytica 371628	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.074	.074	mg/kg		100	85 - 120
1868-53-7	Dibromofluoromethane	.074	.089	mg/kg		120	65 - 130
2037-26-5	Toluene d8	.074	.11	mg/kg		148*	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.074	.089	mg/kg		120	62 - 125

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By A	nalytical I	Batch
			50	04/07/2008 02:10	ADI 3	71712	
CAS#	Parameter		Result	RDL		MDL	Units
79-01-6	Trichloroethene		0.211J	0.271	0.	00960	mg/kg
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recov	ery	Rec Limits
460-00-4	4-Bromofluorobenzene	2.08	2.14	mg/kg	,	103	85 - 120
1868-53-7	Dibromofluoromethane	2.08	2.42	mg/kg	•	116	65 - 130
2037-26-5	Toluene d8	2.08	2.26	mg/kg	•	109	85 - 115
17060-07-0	1,2-Dichloroethane-d4	2.08	2.4	mg/kg	•	115	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012104	OMS-28-7 (0-5)	Solid	03/26/2008 13:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:33	By Analytical JCK 371628	Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000175U	0.00711	0.000175	mg/kg
79-34-5	1,1,2,2-Tetrachloroethan	ie	0.000256U	0.00711	0.000256	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000162U	0.00711	0.000162	mg/kg
75-34-3	1,1-Dichloroethane		0.000226U	0.00711	0.000226	mg/kg
75-35-4	1,1-Dichloroethene		0.000510U	0.00711	0.000510	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000465U	0.00711	0.000465	mg/kg
96-12-8	1,2-Dibromo-3-chloropro	pane	0.00123U	0.00711	0.00123	mg/kg
106-93-4	1,2-Dibromoethane	F	0.000213U	0.00711	0.000213	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000162U	0.00711	0.000162	mg/kg
107-06-2	1,2-Dichloroethane		0.000162U	0.00711	0.000162	mg/kg
78-87-5	1,2-Dichloropropane		0.000159U	0.00711	0.000159	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000336U	0.00711	0.000336	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000599U	0.00711	0.000599	mg/kg
78-93-3	2-Butanone		0.000444U	0.00711	0.000444	mg/kg
591-78-6	2-Hexanone		0.00117U	0.00711	0.00117	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000117U	0.00711	0.000117	mg/kg
67-64-1	Acetone		0.0002400 0.029J	0.00711	0.000532	mg/kg
71-43-2	Benzene		0.00148U	0.00711	0.000148	mg/kg
75-27-4	Bromodichloromethane		0.000148U 0.000192U	0.00711	0.000148	
75-27-4 75-25-2	Bromoform		0.0001920 0.000240U	0.00711	0.000192	mg/kg
73-23-2 74-83-9						mg/kg
	Bromomethane		0.00214U	0.00711	0.00214	mg/kg
75-15-0	Carbon disulfide		0.000155U	0.00711	0.000155	mg/kg
56-23-5	Carbon tetrachloride		0.000171U	0.00711	0.000171	mg/kg
108-90-7	Chlorobenzene		0.000235U	0.00711	0.000235	mg/kg
75-00-3	Chloroethane		0.000862U	0.00711	0.000862	mg/kg
67-66-3	Chloroform		0.000201U	0.00711	0.000201	mg/kg
74-87-3	Chloromethane		0.000660U	0.00711	0.000660	mg/kg
110-82-7	Cyclohexane		0.00157U	0.00711	0.00157	mg/kg
124-48-1	Dibromochloromethane		0.000128U	0.00711	0.000128	mg/kg
75-71-8	Dichlorodifluoromethane		0.000518U	0.00711	0.000518	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000164U	0.00711	0.000164	mg/kg
10061-02-6	trans-1,3-Dichloroproper	ne	0.000201U	0.00711	0.000201	mg/kg
100-41-4	Ethylbenzene		0.000294U	0.00711	0.000294	mg/kg
98-82-8	Isopropylbenzene (Cume	ene)	0.000218U	0.00711	0.000218	mg/kg
79-20-9	Methyl Acetate		0.00217U	0.00711	0.00217	mg/kg
108-87-2	Methylcyclohexane		0.000526U	0.00711	0.000526	mg/kg
75-09-2	Methylene chloride		0.000681U	0.014	0.000681	mg/kg
91-20-3	Naphthalene		0.000535U	0.00711	0.000535	mg/kg
100-42-5	Styrene		0.000216U	0.00711	0.000216	mg/kg
127-18-4	Tetrachloroethene		0.000273U	0.00711	0.000273	mg/kg
108-88-3	Toluene		0.000782U	0.00711	0.000782	mg/kg
79-01-6	Trichloroethene		0.000252U	0.00711	0.000252	mg/kg
75-69-4	Trichlorofluoromethane		0.000358U	0.00711	0.000358	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000267U	0.00711	0.000267	mg/kg
75-01-4	Vinyl chloride		0.000499U	0.00711	0.000499	mg/kg
1330-20-7	Xylene (total)		0.000813U	0.014	0.000813	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000179U	0.00711	0.000179	mg/kg
1634-04-4	tert-Butyl methyl ether (M	/ITBE)	0.000105U	0.00711	0.000105	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000233U	0.00711	0.000233	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012104	OMS-28-7 (0-5)	Solid	03/26/2008 13:45	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:33	By JCK	Analytica 371628	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.063	.064	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	.063	.062	mg/kg		99	65 - 130
2037-26-5	Toluene d8	.063	.065	mg/kg		103	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.063	.067	mg/kg		107	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012105	OMS-28-7 (5-10)	Solid	03/26/2008 13:50	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:55	By Analytical JCK 371628	Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000199U	0.00808	0.000199	mg/kg
79-34-5	1,1,2,2-Tetrachloroethan	e	0.000291U	0.00808	0.000291	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000184U	0.00808	0.000184	mg/kg
75-34-3	1,1-Dichloroethane		0.000257U	0.00808	0.000257	mg/kg
75-35-4	1,1-Dichloroethene		0.000580U	0.00808	0.000580	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000529U	0.00808	0.000529	mg/kg
96-12-8	1,2-Dibromo-3-chloropro	pane	0.00140U	0.00808	0.00140	mg/kg
106-93-4	1,2-Dibromoethane		0.000243U	0.00808	0.000243	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000184U	0.00808	0.000184	mg/kg
107-06-2	1,2-Dichloroethane		0.000184U	0.00808	0.000184	mg/kg
78-87-5	1,2-Dichloropropane		0.000181U	0.00808	0.000181	mg/kg
541-73-1	1,3-Dichlorobenzene		0.0001610 0.000382U	0.00808	0.000382	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000681U	0.00808	0.000681	mg/kg
78-93-3	2-Butanone		0.000504U	0.00808	0.000504	mg/kg
591-78-6	2-Hexanone		0.000304U	0.00808	0.00134	mg/kg
108-10-1	4-Methyl-2-pentanone		0.00134U	0.00808	0.000280	
67-64-1	Acetone		0.0002800 0.012J	0.00808	0.000280	mg/kg mg/kg
71-43-2	Benzene		0.00168U	0.00808	0.000168	
71-43-2 75-27-4			0.000168U	0.00808	0.000168	mg/kg
75-27-4 75-25-2	Bromodichloromethane		0.000218U			mg/kg
	Bromoform			0.00808	0.000273	mg/kg
74-83-9	Bromomethane		0.00243U	0.00808	0.00243	mg/kg
75-15-0	Carbon disulfide		0.000176U	0.00808	0.000176	mg/kg
56-23-5	Carbon tetrachloride		0.000194U	0.00808	0.000194	mg/kg
108-90-7	Chlorobenzene		0.000267U	0.00808	0.000267	mg/kg
75-00-3	Chloroethane		0.000980U	0.00808	0.000980	mg/kg
67-66-3	Chloroform		0.000228U	0.00808	0.000228	mg/kg
74-87-3	Chloromethane		0.000750U	0.00808	0.000750	mg/kg
110-82-7	Cyclohexane		0.00179U	0.00808	0.00179	mg/kg
124-48-1	Dibromochloromethane		0.000146U	0.00808	0.000146	mg/kg
75-71-8	Dichlorodifluoromethane		0.000589U	0.00808	0.000589	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000186U	0.00808	0.000186	mg/kg
10061-02-6	trans-1,3-Dichloropropen	е	0.000228U	0.00808	0.000228	mg/kg
100-41-4	Ethylbenzene		0.000335U	0.00808	0.000335	mg/kg
98-82-8	Isopropylbenzene (Cume	ene)	0.000247U	0.00808	0.000247	mg/kg
79-20-9	Methyl Acetate		0.00247U	0.00808	0.00247	mg/kg
108-87-2	Methylcyclohexane		0.000598U	0.00808	0.000598	mg/kg
75-09-2	Methylene chloride		0.000775U	0.016	0.000775	mg/kg
91-20-3	Naphthalene		0.000608U	0.00808	0.000608	mg/kg
100-42-5	Styrene		0.000246U	0.00808	0.000246	mg/kg
127-18-4	Tetrachloroethene		0.000310U	0.00808	0.000310	mg/kg
108-88-3	Toluene		0.000889U	0.00808	0.000889	mg/kg
79-01-6	Trichloroethene		0.000286U	0.00808	0.000286	mg/kg
75-69-4	Trichlorofluoromethane		0.000407U	0.00808	0.000407	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000304U	0.00808	0.000304	mg/kg
75-01-4	Vinyl chloride		0.000568U	0.00808	0.000568	mg/kg
1330-20-7	Xylene (total)		0.000925U	0.016	0.000925	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000204U	0.00808	0.000204	mg/kg
1634-04-4	tert-Butyl methyl ether (M	ITBE)	0.000120U	0.00808	0.000120	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000265U	0.00808	0.000265	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012105	OMS-28-7 (5-10)	Solid	03/26/2008 13:50	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:55	By JCK	Analytica 371628	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.066	.066	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	.066	.065	mg/kg		98	65 - 130
2037-26-5	Toluene d8	.066	.068	mg/kg		102	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.066	.071	mg/kg		108	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012106	OMS-28-7 (15-20)	Solid	03/26/2008 16:00	04/01/2008 11:41

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 03:18	By Analytical I JCK 371628	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000177U	0.00721	0.000177	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000260U	0.00721	0.000260	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000164U	0.00721	0.000164	mg/kg
75-34-3	1,1-Dichloroethane	0.000229U	0.00721	0.000229	mg/kg
75-35-4	1,1-Dichloroethene	0.000518U	0.00721	0.000518	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000472U	0.00721	0.000472	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00125U	0.00721	0.00125	mg/kg
106-93-4	1,2-Dibromoethane	0.000216U	0.00721	0.000216	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000164U	0.00721	0.000164	mg/kg
107-06-2	1,2-Dichloroethane	0.000164U	0.00721	0.000164	mg/kg
78-87-5	1,2-Dichloropropane	0.000162U	0.00721	0.000162	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000340U	0.00721	0.000340	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000607U	0.00721	0.000607	mg/kg
78-93-3	2-Butanone	0.000450U	0.00721	0.000450	mg/kg
591-78-6	2-Hexanone	0.00119U	0.00721	0.00119	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000250U	0.00721	0.000250	mg/kg
67-64-1	Acetone	0.00722J	0.036	0.000540	mg/kg
71-43-2	Benzene	0.000150U	0.00721	0.000150	mg/kg
75-27-4	Bromodichloromethane	0.000195U	0.00721	0.000195	mg/kg
75-25-2	Bromoform	0.0001388 0.000244U	0.00721	0.000133	mg/kg
74-83-9	Bromomethane	0.00217U	0.00721	0.00217	mg/kg
75-15-0	Carbon disulfide	0.002170 0.000157U	0.00721	0.00217	mg/kg
56-23-5	Carbon tetrachloride	0.000137U	0.00721	0.000137	mg/kg
108-90-7	Chlorobenzene	0.000173U	0.00721	0.000173	mg/kg
75-00-3	Chloroethane	0.000230U	0.00721	0.000236	mg/kg
67-66-3	Chloroform	0.000203U	0.00721	0.000074	mg/kg
74-87-3	Chloromethane	0.000203U	0.00721	0.000203	mg/kg
110-82-7	Cyclohexane	0.00160U	0.00721	0.00160	mg/kg
124-48-1	Dibromochloromethane	0.00100U	0.00721	0.00130	
75-71-8	Dichlorodifluoromethane	0.000130U	0.00721	0.000130	mg/kg mg/kg
10061-01-5		0.0003230 0.000166U	0.00721	0.000323	
10061-01-5	cis-1,3-Dichloropropene	0.000166U	0.00721	0.000168	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000203U	0.00721		mg/kg
98-82-8	Ethylbenzene Isopropylbenzene (Cumene)			0.000299	mg/kg
79-20-9	,	0.000221U	0.00721 0.00721	0.000221 0.00221	mg/kg
	Methyl Acetate	0.00221U			mg/kg
108-87-2	Methylogo ablorida	0.000534U	0.00721	0.000534	mg/kg
75-09-2	Methylene chloride	0.000691U	0.014	0.000691	mg/kg
91-20-3	Naphthalene	0.000542U	0.00721	0.000542	mg/kg
100-42-5	Styrene	0.000219U	0.00721	0.000219	mg/kg
127-18-4	Tetrachloroethene	0.000277U	0.00721	0.000277	mg/kg
108-88-3	Toluene	0.000794U	0.00721	0.000794	mg/kg
79-01-6	Trichloroethene	0.000255U	0.00721	0.000255	mg/kg
75-69-4	Trichlorofluoromethane	0.000364U	0.00721	0.000364	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000271U	0.00721	0.000271	mg/kg
75-01-4	Vinyl chloride	0.000506U	0.00721	0.000506	mg/kg
1330-20-7	Xylene (total)	0.000825U	0.014	0.000825	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000182U	0.00721	0.000182	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000107U	0.00721	0.000107	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000237U	0.00721	0.000237	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804012106	OMS-28-7 (15-20)	Solid	03/26/2008 16:00	04/01/2008 11:41

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 03:18	By JCK	Analytica 371628	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.06	.064	mg/kg		107	85 - 120
1868-53-7	Dibromofluoromethane	.06	.058	mg/kg		97	65 - 130
2037-26-5	Toluene d8	.06	.06	mg/kg		100	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.06	.062	mg/kg		103	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020101	OMS-28-6 (0-5)	Solid	03/28/2008 11:00	04/02/2008 09:12

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 18:38	By Analyti JCK 371626	cal Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000180U	0.00732	0.000180	mg/kg
79-34-5	1,1,2,2-Tetrachloroethan	е	0.000263U	0.00732	0.000263	mg/kg
79-00-5	1,1,2-Trichloroethane		0.000167U	0.00732	0.000167	mg/kg
75-34-3	1,1-Dichloroethane		0.000233U	0.00732	0.000233	mg/kg
75-35-4	1,1-Dichloroethene		0.000525U	0.00732	0.000525	mg/kg
120-82-1	1,2,4-Trichlorobenzene		0.000479U	0.00732	0.000479	mg/kg
96-12-8	1,2-Dibromo-3-chloropro	pane	0.00127U	0.00732	0.00127	mg/kg
106-93-4	1,2-Dibromoethane		0.000220U	0.00732	0.000220	mg/kg
95-50-1	1,2-Dichlorobenzene		0.000167U	0.00732	0.000167	mg/kg
107-06-2	1,2-Dichloroethane		0.000167U	0.00732	0.000167	mg/kg
78-87-5	1,2-Dichloropropane		0.000164U	0.00732	0.000164	mg/kg
541-73-1	1,3-Dichlorobenzene		0.000345U	0.00732	0.000345	mg/kg
106-46-7	1,4-Dichlorobenzene		0.000616U	0.00732	0.000616	mg/kg
78-93-3	2-Butanone		0.000457U	0.00732	0.000457	mg/kg
591-78-6	2-Hexanone		0.00121U	0.00732	0.00121	mg/kg
108-10-1	4-Methyl-2-pentanone		0.000253U	0.00732	0.000253	mg/kg
67-64-1	Acetone		0.0002330 0.00625J	0.00732	0.000547	mg/kg
71-43-2	Benzene		0.000233 0.000152U	0.00732	0.000152	mg/kg
75-27-4	Bromodichloromethane		0.0001320 0.000198U	0.00732	0.000198	
75-27-4 75-25-2	Bromoform		0.0001980 0.000247U	0.00732	0.000198	mg/kg
73-23-2 74-83-9				0.00732		mg/kg
	Bromomethane		0.00220U		0.00220	mg/kg
75-15-0	Carbon disulfide		0.000160U	0.00732	0.000160	mg/kg
56-23-5	Carbon tetrachloride		0.000176U	0.00732	0.000176	mg/kg
108-90-7	Chlorobenzene		0.000241U	0.00732	0.000241	mg/kg
75-00-3	Chloroethane		0.000887U	0.00732	0.000887	mg/kg
67-66-3	Chloroform		0.000206U	0.00732	0.000206	mg/kg
74-87-3	Chloromethane		0.000679U	0.00732	0.000679	mg/kg
110-82-7	Cyclohexane		0.00162U	0.00732	0.00162	mg/kg
124-48-1	Dibromochloromethane		0.000132U	0.00732	0.000132	mg/kg
75-71-8	Dichlorodifluoromethane		0.000533U	0.00732	0.000533	mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.000168U	0.00732	0.000168	mg/kg
10061-02-6	trans-1,3-Dichloropropen	e	0.000206U	0.00732	0.000206	mg/kg
100-41-4	Ethylbenzene		0.000303U	0.00732	0.000303	mg/kg
98-82-8	Isopropylbenzene (Cume	ene)	0.000224U	0.00732	0.000224	mg/kg
79-20-9	Methyl Acetate		0.00224U	0.00732	0.00224	mg/kg
108-87-2	Methylcyclohexane		0.000541U	0.00732	0.000541	mg/kg
75-09-2	Methylene chloride		0.000701U	0.015	0.000701	mg/kg
91-20-3	Naphthalene		0.000550U	0.00732	0.000550	mg/kg
100-42-5	Styrene		0.000222U	0.00732	0.000222	mg/kg
127-18-4	Tetrachloroethene		0.000281U	0.00732	0.000281	mg/kg
108-88-3	Toluene		0.000805U	0.00732	0.000805	mg/kg
79-01-6	Trichloroethene		0.000259U	0.00732	0.000259	mg/kg
75-69-4	Trichlorofluoromethane		0.000369U	0.00732	0.000369	mg/kg
76-13-1	Trichlorotrifluoroethane		0.000275U	0.00732	0.000275	mg/kg
75-01-4	Vinyl chloride		0.000514U	0.00732	0.000514	mg/kg
1330-20-7	Xylene (total)		0.000837U	0.015	0.000837	mg/kg
156-59-2	cis-1,2-Dichloroethene		0.000184U	0.00732	0.000184	mg/kg
1634-04-4	tert-Butyl methyl ether (M	ITBE)	0.000108U	0.00732	0.000108	mg/kg
156-60-5	trans-1,2-Dichloroethene		0.000240U	0.00732	0.000240	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020101	OMS-28-6 (0-5)	Solid	03/28/2008 11:00	04/02/2008 09:12

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 18:38	By JCK	Analytica 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.06	.059	mg/kg		98	85 - 120
1868-53-7	Dibromofluoromethane	.06	.057	mg/kg		95	65 - 130
2037-26-5	Toluene d8	.06	.061	mg/kg		101	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.06	.064	mg/kg		108	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020102	OMS-28-6 (5-10)	Solid	03/28/2008 11:10	04/02/2008 09:12

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 19:00	By Analytical Ba JCK 371626	atch
CAS#	Parameter	Result	RDL	MDL	Unit
71-55-6	1,1,1-Trichloroethane	0.000142U	0.00577	0.000142	mg/k
79-34-5	1,1,2,2-Tetrachloroethane	0.000208U	0.00577	0.000208	mg/k
79-00-5	1,1,2-Trichloroethane	0.000132U	0.00577	0.000132	mg/k
75-34-3	1,1-Dichloroethane	0.000183U	0.00577	0.000183	mg/k
75-35-4	1,1-Dichloroethene	0.000414U	0.00577	0.000414	mg/k
120-82-1	1,2,4-Trichlorobenzene	0.000377U	0.00577	0.000377	mg/k
96-12-8	1,2-Dibromo-3-chloropropane	0.000999U	0.00577	0.000999	mg/k
106-93-4	1,2-Dibromoethane	0.000173U	0.00577	0.000173	mg/k
95-50-1	1,2-Dichlorobenzene	0.000132U	0.00577	0.000132	mg/k
107-06-2	1,2-Dichloroethane	0.000132U	0.00577	0.000132	mg/k
78-87-5	1,2-Dichloropropane	0.000129U	0.00577	0.000129	mg/k
541-73-1	1,3-Dichlorobenzene	0.000272U	0.00577	0.000272	mg/k
106-46-7	1,4-Dichlorobenzene	0.000486U	0.00577	0.000486	mg/k
78-93-3	2-Butanone	0.000360U	0.00577	0.000360	mg/k
591-78-6	2-Hexanone	0.000953U	0.00577	0.000953	mg/k
108-10-1	4-Methyl-2-pentanone	0.000200U	0.00577	0.000200	mg/k
67-64-1	Acetone	0.000431U	0.029	0.000431	mg/l
71-43-2	Benzene	0.000120U	0.00577	0.000120	mg/l
75-27-4	Bromodichloromethane	0.000156U	0.00577	0.000156	mg/l
75-25-2	Bromoform	0.000195U	0.00577	0.000195	mg/l
74-83-9	Bromomethane	0.00174U	0.00577	0.00174	mg/l
75-15-0	Carbon disulfide	0.000126U	0.00577	0.000126	mg/l
56-23-5	Carbon tetrachloride	0.000138U	0.00577	0.000138	mg/l
108-90-7	Chlorobenzene	0.000190U	0.00577	0.000190	mg/l
75-00-3	Chloroethane	0.000699U	0.00577	0.000699	mg/l
67-66-3	Chloroform	0.000163U	0.00577	0.000163	mg/l
74-87-3	Chloromethane	0.000535U	0.00577	0.000535	mg/l
110-82-7	Cyclohexane	0.00128U	0.00577	0.00128	mg/l
124-48-1	Dibromochloromethane	0.0001288 0.000104U	0.00577	0.000126	mg/l
75-71-8	Dichlorodifluoromethane	0.000420U	0.00577	0.000420	mg/l
10061-01-5	cis-1,3-Dichloropropene	0.0004200 0.000133U	0.00577	0.000420	mg/l
10061-01-5	trans-1,3-Dichloropropene	0.000163U	0.00577	0.000163	mg/l
100-41-4	Ethylbenzene	0.000163U	0.00577	0.000103	mg/l
98-82-8	Isopropylbenzene (Cumene)	0.000239U	0.00577	0.000239	mg/l
79-20-9	Methyl Acetate	0.001770 0.00176U	0.00577	0.00177	mg/l
108-87-2	Methylcyclohexane	0.000427U	0.00577	0.000427	mg/l
75-09-2	Methylene chloride	0.0004270 0.000553U	0.00377	0.000427	mg/l
91-20-3	Naphthalene	0.000333U	0.00577	0.000333	
100-42-5	Styrene	0.0004340 0.000175U	0.00577	0.000434	mg/l
100-42-3 127-18-4	Tetrachloroethene	0.000173U	0.00577	0.000173	mg/l
108-88-3	Toluene	0.0002220 0.000635U	0.00577	0.000222	mg/l
					mg/l
79-01-6	Trichloroethene Trichlorofluoromethene	0.076	0.00577	0.000204 0.000291	mg/k
75-69-4 76-13-1	Trichlorofluoromethane	0.000291U	0.00577		mg/l
76-13-1 75-01-4	Trichlorotrifluoroethane	0.000217U	0.00577	0.000217	mg/l
75-01-4	Vinyl chloride	0.000405U	0.00577	0.000405	mg/l
1330-20-7	Xylene (total)	0.000660U	0.012	0.000660	mg/l
156-59-2	cis-1,2-Dichloroethene	0.000145U	0.00577	0.000145	mg/l
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000854U	0.00577	0.0000854	mg/l
156-60-5	trans-1,2-Dichloroethene	0.000189U	0.00577	0.000189	mg/

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020102	OMS-28-6 (5-10)	Solid	03/28/2008 11:10	04/02/2008 09:12

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 19:00	By JCK	Analytica 371626	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Red	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.046	.048	mg/kg		106	85 - 120
1868-53-7	Dibromofluoromethane	.046	.046	mg/kg		100	65 - 130
2037-26-5	Toluene d8	.046	.048	mg/kg		105	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.046	.051	mg/kg		111	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020103	OMS-28-6 (10-15)	Solid	03/28/2008 11:15	04/02/2008 09:12

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 19:23	By Analytica JCK 371626	al Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000167U	0.00681	0.000167	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000245U	0.00681	0.000245	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000155U	0.00681	0.000155	mg/kg
75-34-3	1,1-Dichloroethane	0.000217U	0.00681	0.000217	mg/k
75-35-4	1,1-Dichloroethene	0.000489U	0.00681	0.000489	mg/k
120-82-1	1,2,4-Trichlorobenzene	0.000445U	0.00681	0.000445	mg/k
96-12-8	1,2-Dibromo-3-chloropropane	0.00118U	0.00681	0.00118	mg/k
106-93-4	1,2-Dibromoethane	0.000204U	0.00681	0.000204	mg/k
95-50-1	1,2-Dichlorobenzene	0.000155U	0.00681	0.000155	mg/k
107-06-2	1,2-Dichloroethane	0.000155U	0.00681	0.000155	mg/k
78-87-5	1,2-Dichloropropane	0.000153U	0.00681	0.000153	mg/k
541-73-1	1,3-Dichlorobenzene	0.000321U	0.00681	0.000321	mg/k
106-46-7	1,4-Dichlorobenzene	0.000573U	0.00681	0.000573	mg/k
78-93-3	2-Butanone	0.000425U	0.00681	0.000425	mg/k
591-78-6	2-Hexanone	0.00112U	0.00681	0.00112	mg/k
108-10-1	4-Methyl-2-pentanone	0.000236U	0.00681	0.000236	mg/k
67-64-1	Acetone	0.037	0.034	0.000509	mg/k
71-43-2	Benzene	0.000142U	0.00681	0.000142	mg/k
75-27-4	Bromodichloromethane	0.0001120	0.00681	0.000112	mg/k
75-25-2	Bromoform	0.000230U	0.00681	0.000230	mg/k
74-83-9	Bromomethane	0.00205U	0.00681	0.00205	mg/k
75-15-0	Carbon disulfide	0.00342J	0.00681	0.000148	mg/k
56-23-5	Carbon tetrachloride	0.000163U	0.00681	0.000163	mg/k
108-90-7	Chlorobenzene	0.0001000 0.000225U	0.00681	0.000765	mg/k
75-00-3	Chloroethane	0.000825U	0.00681	0.000825	mg/k
67-66-3	Chloroform	0.000192U	0.00681	0.000192	mg/k
74-87-3	Chloromethane	0.000632U	0.00681	0.000632	mg/k
110-82-7	Cyclohexane	0.00151U	0.00681	0.00151	mg/k
124-48-1	Dibromochloromethane	0.000131U	0.00681	0.000131	mg/k
75-71-8	Dichlorodifluoromethane	0.0001230 0.000496U	0.00681	0.000123	mg/k
10061-01-5	cis-1,3-Dichloropropene	0.000450U	0.00681	0.000450	mg/k
10061-01-3	trans-1,3-Dichloropropene	0.000137U	0.00681	0.000197	mg/k
100-41-4	Ethylbenzene	0.000192U	0.00681	0.000192	mg/k
98-82-8	Isopropylbenzene (Cumene)	0.000202U	0.00681	0.000202	mg/k
79-20-9	Methyl Acetate	0.002000	0.00681	0.00208	mg/k
108-87-2	Methylcyclohexane	0.000504U	0.00681	0.000504	
75-09-2	• •	0.000504U		0.000504	mg/k
91-20-3	Methylene chloride	0.000632U 0.000512U	0.014 0.00681	0.000512	mg/k
100-42-5	Naphthalene	0.000312U 0.000207U	0.00681	0.000312	mg/k
	Styrene Tetrachloroethene	0.000261U	0.00681	0.000261	mg/k
127-18-4					mg/k
108-88-3 75-69-4	Toluene Trichlorofluoromethane	0.000749U 0.000343U	0.00681 0.00681	0.000749 0.000343	mg/k
		0.000343U 0.000256U			mg/k
76-13-1 75-01-4	Trichlorotrifluoroethane		0.00681	0.000256	mg/k
75-01-4	Vinyl chloride	0.000478U	0.00681	0.000478	mg/k
1330-20-7	Xylene (total)	0.000779U	0.014	0.000779	mg/k
156-59-2	cis-1,2-Dichloroethene	0.00709	0.00681	0.000172	mg/k
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000101U	0.00681	0.000101	mg/k
156-60-5	trans-1,2-Dichloroethene	0.000223U	0.00681	0.000223	mg/k

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020103	OMS-28-6 (10-15)	Solid	03/28/2008 11:15	04/02/2008 09:12

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/06/2008 19:23	By JCK	Analytical 371626	l Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.052	.047	mg/kg		89	85 - 120
1868-53-7	Dibromofluoromethane	.052	.049	mg/kg		93	65 - 130
2037-26-5	Toluene d8	.052	.055	mg/kg		105	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.052	.054	mg/kg		103	62 - 125

SW-846 8260B DOD Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By A	Analytical	Batch
			50	04/07/2008 02:35	ADI 3	371712	
CAS#	Parameter		Result	RDL		MDL	Units
79-01-6	Trichloroethene		0.107J	0.255	0.	00904	mg/kg
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recov	ery	Rec Limits
460-00-4	4-Bromofluorobenzene	1.97	1.99	mg/kg		101	85 - 120
1868-53-7	Dibromofluoromethane	1.97	2.25	mg/kg	•	114	65 - 130
2037-26-5	Toluene d8	1.97	2.13	mg/kg	•	108	85 - 115
17060-07-0	1,2-Dichloroethane-d4	1.97	2.35	mg/kg	•	120	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020104	OMS-28-6 (70-75)	Solid	03/28/2008 12:40	04/02/2008 09:12

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 20:30	By Analytical I JCK 371626	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000126U	0.00511	0.000126	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000184U	0.00511	0.000184	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000117U	0.00511	0.000117	mg/kg
75-34-3	1,1-Dichloroethane	0.000163U	0.00511	0.000163	mg/kg
75-35-4	1,1-Dichloroethene	0.000367U	0.00511	0.000367	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000334U	0.00511	0.000334	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.000885U	0.00511	0.000885	mg/kg
106-93-4	1,2-Dibromoethane	0.000153U	0.00511	0.000153	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000117U	0.00511	0.000117	mg/kg
107-06-2	1,2-Dichloroethane	0.000117U	0.00511	0.000117	mg/kg
78-87-5	1,2-Dichloropropane	0.000115U	0.00511	0.000115	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000241U	0.00511	0.000241	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000430U	0.00511	0.000430	mg/kg
78-93-3	2-Butanone	0.000319U	0.00511	0.000319	mg/kg
591-78-6	2-Hexanone	0.000845U	0.00511	0.000845	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000177U	0.00511	0.000177	mg/kg
67-64-1	Acetone	0.00505J	0.026	0.000382	mg/kg
71-43-2	Benzene	0.000106U	0.00511	0.000106	mg/kg
75-27-4	Bromodichloromethane	0.000108U	0.00511	0.000138	mg/kg
75-25-2	Bromoform	0.000133U	0.00511	0.000130	mg/kg
74-83-9	Bromomethane	0.00173U	0.00511	0.00173	mg/kg
75-15-0	Carbon disulfide	0.0001340 0.000111U	0.00511	0.00134	mg/kg
56-23-5	Carbon tetrachloride	0.0001110 0.000123U	0.00511	0.000111	mg/kg
108-90-7	Chlorobenzene	0.0001230 0.000169U	0.00511	0.000123	
75-00-3	Chloroethane	0.000109U	0.00511	0.000109	mg/kg mg/kg
67-66-3	Chloroform	0.0000200 0.000144U	0.00511	0.000144	
74-87-3	Chloromethane	0.000144U	0.00511	0.000144	mg/kg
			0.00511		mg/kg
110-82-7	Cyclohexane	0.00113U		0.00113	mg/kg
124-48-1	Dibromochloromethane Dichlorodifluoromethane	0.0000920U	0.00511	0.0000920	mg/kg
75-71-8		0.000372U	0.00511	0.000372	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000118U	0.00511	0.000118	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000144U	0.00511	0.000144	mg/kថ្
100-41-4	Ethylbenzene	0.000212U	0.00511	0.000212	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000156U	0.00511	0.000156	mg/kg
79-20-9	Methyl Acetate	0.00156U	0.00511	0.00156	mg/kg
108-87-2	Methylcyclohexane	0.000378U	0.00511	0.000378	mg/kg
75-09-2	Methylene chloride	0.000490U	0.010	0.000490	mg/kg
91-20-3	Naphthalene	0.000384U	0.00511	0.000384	mg/kg
100-42-5	Styrene	0.000155U	0.00511	0.000155	mg/kg
127-18-4	Tetrachloroethene	0.000196U	0.00511	0.000196	mg/kg
108-88-3	Toluene	0.000562U	0.00511	0.000562	mg/kg
79-01-6	Trichloroethene	0.000181U	0.00511	0.000181	mg/kg
75-69-4	Trichlorofluoromethane	0.000258U	0.00511	0.000258	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000192U	0.00511	0.000192	mg/kg
75-01-4	Vinyl chloride	0.000359U	0.00511	0.000359	mg/kg
1330-20-7	Xylene (total)	0.000585U	0.010	0.000585	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000129U	0.00511	0.000129	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000757U	0.00511	0.0000757	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000168U	0.00511	0.000168	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020104	OMS-28-6 (70-75)	Solid	03/28/2008 12:40	04/02/2008 09:12

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed 04/06/2008 20:30	By JCK	Analytica 371626	l Batch
			Į.	04/06/2008 20.30	JUN	37 1020	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.04	.039	mg/kg		96	85 - 120
1868-53-7	Dibromofluoromethane	.04	.039	mg/kg		98	65 - 130
2037-26-5	Toluene d8	.04	.041	mg/kg		101	85 - 115
17060-07-0	1,2-Dichloroethane-d4	.04	.042	mg/kg		105	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020105	IDW	Solid	03/28/2008 17:00	04/02/2008 09:12

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/06/2008 20:08	By Analytica JCK 371626	l Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000320U	0.013	0.000320	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000469U	0.013	0.000469	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000297U	0.013	0.000297	mg/kg
75-34-3	1,1-Dichloroethane	0.000414U	0.013	0.000414	mg/kg
75-35-4	1,1-Dichloroethene	0.000935U	0.013	0.000935	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000852U	0.013	0.000852	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00226U	0.013	0.00226	mg/kg
106-93-4	1,2-Dibromoethane	0.000391U	0.013	0.000391	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000297U	0.013	0.000297	mg/kg
107-06-2	1,2-Dichloroethane	0.000297U	0.013	0.000297	mg/kg
78-87-5	1,2-Dichloropropane	0.000292U	0.013	0.000292	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000615U	0.013	0.000615	mg/kg
106-46-7	1,4-Dichlorobenzene	0.00110U	0.013	0.00110	mg/kg
78-93-3	2-Butanone	0.000813U	0.013	0.000813	mg/kg
591-78-6	2-Hexanone	0.00215U	0.013	0.00215	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000451U	0.013	0.000451	mg/kg
67-64-1	Acetone	0.040J	0.065	0.000974	mg/kg
71-43-2	Benzene	0.000271U	0.013	0.000271	mg/kg
75-27-4	Bromodichloromethane	0.0002710 0.000352U	0.013	0.000352	mg/kg
75-25-2	Bromoform	0.000440U	0.013	0.000440	mg/kg
74-83-9	Bromomethane	0.00392U	0.013	0.00392	mg/kg
75-15-0	Carbon disulfide	0.000384U	0.013	0.000384	mg/kg
56-23-5	Carbon tetrachloride	0.0002040 0.000313U	0.013	0.000204	mg/kg
108-90-7	Chlorobenzene	0.000313U	0.013	0.000313	mg/kg
75-00-3	Chloroethane	0.00158U	0.013	0.00158	mg/kg
67-66-3	Chloroform	0.001380 0.000367U	0.013	0.00138	
74-87-3	Chloromethane	0.000307U	0.013	0.00121	mg/kg mg/kg
110-82-7	Cyclohexane	0.001210 0.00288U	0.013	0.00121	
124-48-1	Dibromochloromethane	0.00286U 0.000234U	0.013	0.00288	mg/kg
75-71-8	Dichlorodifluoromethane	0.000234U 0.000948U	0.013	0.000234	mg/kg
		0.000948U 0.000299U			mg/kg
10061-01-5	cis-1,3-Dichloropropene		0.013	0.000299	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000367U	0.013	0.000367	mg/kg
100-41-4	Ethylbenzene	0.000539U	0.013	0.000539	mg/kg
98-82-8 79-20-9	Isopropylbenzene (Cumene) Methyl Acetate	0.000398U	0.013	0.000398 0.00398	mg/kg
	•	0.00398U	0.013		mg/kg
108-87-2	Methylcyclohexane	0.000964U	0.013	0.000964	mg/kg
75-09-2	Methylene chloride	0.00125U	0.026	0.00125	mg/kg
91-20-3	Naphthalene	0.000979U	0.013	0.000979	mg/kg
100-42-5	Styrene	0.000396U	0.013	0.000396	mg/kg
127-18-4	Tetrachloroethene	0.000500U	0.013	0.000500	mg/kg
108-88-3	Toluene	0.00143U	0.013	0.00143	mg/kg
79-01-6	Trichloroethene	0.000461U	0.013	0.000461	mg/kg
75-69-4	Trichlorofluoromethane	0.000656U	0.013	0.000656	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000490U	0.013	0.000490	mg/kg
75-01-4	Vinyl chloride	0.000914U	0.013	0.000914	mg/kg
1330-20-7	Xylene (total)	0.00149U	0.026	0.00149	mg/ko
156-59-2	cis-1,2-Dichloroethene	0.000328U	0.013	0.000328	mg/ko
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000193U	0.013	0.000193	mg/ko
156-60-5	trans-1,2-Dichloroethene	0.000427U	0.013	0.000427	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020105	IDW	Solid	03/28/2008 17:00	04/02/2008 09:12

Prep Date Prep Batch		Prep Method	Dilution 1	Analyzed 04/06/2008 20:08	By Analytical B 8 JCK 371626		Batch	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	overy	Rec Limits	
460-00-4	4-Bromofluorobenzene	.106	.103	mg/kg		97	85 - 120	
1868-53-7	Dibromofluoromethane	.106	.102	mg/kg		96	65 - 130	
2037-26-5	Toluene d8	.106	.105	mg/kg		99	85 - 115	
17060-07-0	1,2-Dichloroethane-d4	.106	.112	mg/kg		105	62 - 125	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020106	IDW (TCLP)	Solid	03/28/2008 17:00	04/02/2008 09:12

SW-846 8260B TCLP

Prep Date	Prep Batch	Prep Method	Dilution 40	Analyzed 04/07/2008 14:37	By Analytica AEL 370779	Il Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.00916U	0.200	0.00916	mg/L
107-06-2	1,2-Dichloroethane		0.00820U	0.200	0.00820	mg/L
78-93-3	2-Butanone		0.017U	0.200	0.017	mg/L
71-43-2	Benzene		0.055J	0.200	0.00900	mg/L
56-23-5	Carbon tetrachloride		0.00512U	0.200	0.00512	mg/L
108-90-7	Chlorobenzene		0.00852U	0.200	0.00852	mg/L
67-66-3	Chloroform		0.00776U	0.200	0.00776	mg/L
127-18-4	Tetrachloroethene		0.00908U	0.200	0.00908	mg/L
79-01-6	Trichloroethene		0.011U	0.200	0.011	mg/L
75-01-4	Vinyl chloride		0.00356U	0.200	0.00356	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	1900	ug/L	95	62 - 130
1868-53-7	Dibromofluoromethane	2000	2260	ug/L	113	65 - 127
2037-26-5	Toluene d8	2000	2240	ug/L	112	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	2280	ug/L	114	62 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020107	RINSATE #1	Water	03/28/2008 16:40	04/02/2008 06:32

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/08/2008 19:44	By Analytica ADI 371633	l Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.000155U	0.00500	0.000155	mg/L
79-34-5	1,1,2,2-Tetrachloroethane)	0.000156U	0.00500	0.000156	mg/L
79-00-5	1,1,2-Trichloroethane		0.0000677U	0.00500	0.0000677	mg/L
75-34-3	1,1-Dichloroethane		0.000125U	0.00500	0.000125	mg/L
75-35-4	1,1-Dichloroethene		0.000226U	0.00500	0.000226	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000413U	0.00500	0.000413	mg/L
96-12-8	1,2-Dibromo-3-chloroprop	ane	0.000181U	0.00500	0.000181	mg/L
106-93-4	1,2-Dibromoethane		0.000101U	0.00500	0.000101	mg/L
95-50-1	1,2-Dichlorobenzene		0.000112U	0.00500	0.000112	mg/L
107-06-2	1,2-Dichloroethane		0.000184U	0.00500	0.000184	mg/L
78-87-5	1,2-Dichloropropane		0.0000997U	0.00500	0.0000997	mg/L
541-73-1	1,3-Dichlorobenzene		0.000134U	0.00500	0.000134	mg/L
106-46-7	1,4-Dichlorobenzene		0.000162U	0.00500	0.000162	mg/L
78-93-3	2-Butanone		0.000361U	0.00500	0.000361	mg/L
591-78-6	2-Hexanone		0.000151U	0.00500	0.000151	mg/L
108-10-1	4-Methyl-2-pentanone		0.0000882U	0.00500	0.0000882	mg/L
67-64-1	Acetone		0.000690U	0.025	0.000690	mg/L
71-43-2	Benzene		0.000184U	0.00500	0.000184	mg/L
75-27-4	Bromodichloromethane		0.000796U	0.00500	0.000796	mg/L
75-25-2	Bromoform		0.0000750U	0.00500	0.0000750	mg/L
74-83-9	Bromomethane		0.0000535U	0.00500	0.000252	•
74-03-9 75-15-0	Carbon disulfide		0.0002320 0.0000997U	0.00500	0.000232	mg/L
56-23-5	Carbon tetrachloride		0.00009970 0.000124U	0.00500	0.000124	mg/L
108-90-7	Chlorobenzene		0.0001240 0.0000510U	0.00500	0.000124	mg/L
75-00-3	Chloroethane		0.00005100 0.0000607U	0.00500	0.0000510	mg/L
67-66-3	Chloroform		0.0000670 0.0000629U	0.00500	0.0000629	mg/L
74-87-3	Chloromethane		0.0000829U	0.00500	0.0000829	mg/L
						mg/L
110-82-7	Cyclohexane Dibromochloromethane		0.000101U	0.00500	0.000101	mg/L
124-48-1			0.0000504U	0.00500	0.0000504	mg/L
75-71-8	Dichlorodifluoromethane		0.000168U	0.00500	0.000168	mg/L
10061-01-5	cis-1,3-Dichloropropene	_	0.0000648U	0.00500	0.0000648	mg/L
10061-02-6	trans-1,3-Dichloropropend	9	0.000101U	0.00500	0.000101	mg/L
100-41-4	Ethylbenzene	\	0.0000773U	0.00500	0.0000773	mg/L
98-82-8	Isopropylbenzene (Cume	ne)	0.0000500U	0.00500	0.0000500	mg/L
79-20-9	Methyl Acetate		0.000431U	0.00500	0.000431	mg/L
108-87-2	Methylcyclohexane		0.000201U	0.00500	0.000201	mg/L
75-09-2	Methylene chloride		0.000202J	0.010	0.000104	mg/L
91-20-3	Naphthalene		0.369U	5.00	0.369	ug/L
100-42-5	Styrene		0.0000500U	0.00500	0.0000500	mg/L
127-18-4	Tetrachloroethene		0.0000805U	0.00500	0.0000805	mg/L
108-88-3	Toluene		0.0000932U	0.00500	0.0000932	mg/L
79-01-6	Trichloroethene		0.000123U	0.00500	0.000123	mg/L
75-69-4	Trichlorofluoromethane		0.000141U	0.00500	0.000141	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride		0.000163U	0.00500	0.000163	mg/L
1330-20-7	Xylene (total)		0.000535U	0.010	0.000535	mg/L
156-59-2	cis-1,2-Dichloroethene		0.000154U	0.00500	0.000154	mg/L
1634-04-4	tert-Butyl methyl ether (M	TBE)	0.000110U	0.00500	0.000110	mg/L
156-60-5	trans-1,2-Dichloroethene		0.000113U	0.00500	0.000113	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020107	RINSATE #1	Water	03/28/2008 16:40	04/02/2008 06:32

Prep Date Prep Batch		Prep Method Dilution		Analyzed 04/08/2008 19:44	By Analytical Batch ADI 371633		I Batch
			'	04/00/2000 13.44	ADI	37 1000	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L		98	76 - 119
1868-53-7	Dibromofluoromethane	.05	.05	mg/L		101	85 - 115
2037-26-5	Toluene d8	.05	.052	mg/L		105	81 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L		101	72 - 119

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020108	RINSATE #2	Water	03/28/2008 16:45	04/02/2008 06:32

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/08/2008 20:06	ADI Analytical Barana 371633	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000155U	0.00500	0.000155	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000156U	0.00500	0.000156	mg/l
79-00-5	1,1,2-Trichloroethane	0.0000677U	0.00500	0.0000677	mg/L
75-34-3	1,1-Dichloroethane	0.000125U	0.00500	0.000125	mg/L
75-35-4	1,1-Dichloroethene	0.000226U	0.00500	0.000226	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000413U	0.00500	0.000413	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000181U	0.00500	0.000181	mg/l
106-93-4	1,2-Dibromoethane	0.000101U	0.00500	0.000101	mg/l
95-50-1	1,2-Dichlorobenzene	0.000112U	0.00500	0.000112	mg/L
107-06-2	1,2-Dichloroethane	0.000184U	0.00500	0.000184	mg/L
78-87-5	1,2-Dichloropropane	0.0000997U	0.00500	0.0000997	mg/L
541-73-1	1,3-Dichlorobenzene	0.000134U	0.00500	0.000134	mg/L
106-46-7	1,4-Dichlorobenzene	0.000162U	0.00500	0.000162	mg/L
78-93-3	2-Butanone	0.000361U	0.00500	0.000361	mg/L
591-78-6	2-Hexanone	0.000151U	0.00500	0.000151	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000882U	0.00500	0.0000882	mg/L
67-64-1	Acetone	0.000690U	0.025	0.000690	mg/L
71-43-2	Benzene	0.000184U	0.00500	0.000184	mg/L
75-27-4	Bromodichloromethane	0.000796U	0.00500	0.000796	mg/L
75-25-2	Bromoform	0.0000755U	0.00500	0.0000755	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.0002920 0.0000997U	0.00500	0.000292	mg/L
56-23-5	Carbon tetrachloride	0.000124U	0.00500	0.000124	mg/L
108-90-7	Chlorobenzene	0.0001240 0.0000510U	0.00500	0.000124	mg/L
75-00-3	Chloroethane	0.0000510U	0.00500	0.0000510	mg/L
67-66-3	Chloroform	0.0000629U	0.00500	0.0000629	mg/L
74-87-3	Chloromethane	0.000029U	0.00500	0.000029	mg/L
110-82-7	Cyclohexane	0.0002440 0.000101U	0.00500	0.000244	mg/L
124-48-1	Dibromochloromethane	0.0001010 0.0000504U	0.00500	0.000101	
75-71-8	Dichlorodifluoromethane	0.0003040 0.000168U	0.00500	0.000304	mg/l
10061-01-5		0.000168U	0.00500	0.000168	mg/l
10061-01-5	cis-1,3-Dichloropropene	0.000048U	0.00500	0.000048	mg/L
	trans-1,3-Dichloropropene				mg/L
100-41-4	Ethylbenzene Isopropylbenzene (Cumene)	0.0000773U	0.00500	0.0000773	mg/L
98-82-8 79-20-9	1 17 /	0.0000500U	0.00500	0.0000500 0.000431	mg/L
	Methyl Acetate	0.000431U	0.00500		mg/L
108-87-2	Methylogo oblasida	0.000201U	0.00500	0.000201	mg/L
75-09-2	Methylene chloride	0.000240J	0.010	0.000104	mg/L
91-20-3	Naphthalene	0.369U	5.00	0.369	ug/l
100-42-5	Styrene	0.0000500U	0.00500	0.0000500	mg/L
127-18-4	Tetrachloroethene	0.0000805U	0.00500	0.0000805	mg/L
108-88-3	Toluene	0.0000932U	0.00500	0.0000932	mg/L
79-01-6	Trichloroethene	0.000123U	0.00500	0.000123	mg/l
75-69-4	Trichlorofluoromethane	0.000141U	0.00500	0.000141	mg/l
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.000163U	0.00500	0.000163	mg/L
1330-20-7	Xylene (total)	0.000535U	0.010	0.000535	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000154U	0.00500	0.000154	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000110U	0.00500	0.000110	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000113U	0.00500	0.000113	mg/l

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020108	RINSATE #2	Water	03/28/2008 16:45	04/02/2008 06:32

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/08/2008 20:06	By Analytical Batc ADI 371633		l Batch
				04/00/2000 20:00	ADI	37 1033	
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Rec	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L		98	76 - 119
1868-53-7	Dibromofluoromethane	.05	.051	mg/L		102	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L		105	81 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		100	72 - 119

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020109	RINSATE #3	Water	03/28/2008 16:50	04/02/2008 06:32

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 04/08/2008 20:28	By Analytical B ADI 371633	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000155U	0.00500	0.000155	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000156U	0.00500	0.000156	mg/L
79-00-5	1,1,2-Trichloroethane	0.0000677U	0.00500	0.0000677	mg/L
75-34-3	1,1-Dichloroethane	0.000125U	0.00500	0.000125	mg/L
75-35-4	1,1-Dichloroethene	0.000226U	0.00500	0.000226	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000413U	0.00500	0.000413	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000181U	0.00500	0.000181	mg/L
106-93-4	1,2-Dibromoethane	0.000101U	0.00500	0.000101	mg/L
95-50-1	1,2-Dichlorobenzene	0.000112U	0.00500	0.000112	mg/L
107-06-2	1,2-Dichloroethane	0.000184U	0.00500	0.000184	mg/L
78-87-5	1,2-Dichloropropane	0.0000997U	0.00500	0.0000997	mg/L
541-73-1	1,3-Dichlorobenzene	0.000134U	0.00500	0.000134	mg/L
106-46-7	1,4-Dichlorobenzene	0.000162U	0.00500	0.000162	mg/L
78-93-3	2-Butanone	0.000361U	0.00500	0.000361	mg/L
591-78-6	2-Hexanone	0.000151U	0.00500	0.000151	mg/L
108-10-1	4-Methyl-2-pentanone	0.0000882U	0.00500	0.0000882	mg/L
67-64-1	Acetone	0.000690U	0.025	0.000690	mg/L
71-43-2	Benzene	0.000184U	0.00500	0.000184	mg/L
75-27-4	Bromodichloromethane	0.0000796U	0.00500	0.0000796	mg/L
75-25-2	Bromoform	0.0000655U	0.00500	0.0000655	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.0000997U	0.00500	0.0000997	mg/L
56-23-5	Carbon tetrachloride	0.000124U	0.00500	0.000124	mg/L
108-90-7	Chlorobenzene	0.0000510U	0.00500	0.0000510	mg/L
75-00-3	Chloroethane	0.0000607U	0.00500	0.0000607	mg/L
67-66-3	Chloroform	0.0000629U	0.00500	0.0000629	mg/L
74-87-3	Chloromethane	0.000244U	0.00500	0.000244	mg/L
110-82-7	Cyclohexane	0.000101U	0.00500	0.000101	mg/L
124-48-1	Dibromochloromethane	0.0000504U	0.00500	0.0000504	mg/L
75-71-8	Dichlorodifluoromethane	0.000168U	0.00500	0.000168	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000648U	0.00500	0.0000648	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.000101U	0.00500	0.000101	mg/L
100-41-4	Ethylbenzene	0.0000773U	0.00500	0.0000773	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000500U	0.00500	0.0000500	mg/L
79-20-9	Methyl Acetate	0.000431U	0.00500	0.000431	mg/L
108-87-2	Methylcyclohexane	0.000201U	0.00500	0.000201	mg/L
75-09-2	Methylene chloride	0.000243J	0.010	0.000104	mg/L
91-20-3	Naphthalene	0.369U	5.00	0.369	ug/L
100-42-5	Styrene	0.0000500U	0.00500	0.0000500	mg/L
127-18-4	Tetrachloroethene	0.0000805U	0.00500	0.0000805	mg/L
108-88-3	Toluene	0.0000932U	0.00500	0.0000932	mg/L
79-01-6	Trichloroethene	0.000123U	0.00500	0.000123	mg/L
75-69-4	Trichlorofluoromethane	0.000141U	0.00500	0.000141	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.000163U	0.00500	0.000163	mg/L
1330-20-7	Xylene (total)	0.000535U	0.010	0.000535	mg/L
156-59-2	cis-1,2-Dichloroethene	0.000154U	0.00500	0.000154	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000110U	0.00500	0.000110	mg/L
156-60-5	trans-1,2-Dichloroethene	0.000113U	0.00500	0.000113	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804020109	RINSATE #3	Water	03/28/2008 16:50	04/02/2008 06:32

SW-846 8260B DOD Water

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 04/08/2008 20:28	By ADI	Analytica 371633	I Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	covery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L		98	76 - 119
1868-53-7	Dibromofluoromethane	.05	.052	mg/L		104	85 - 115
2037-26-5	Toluene d8	.05	.053	mg/L		107	81 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		101	72 - 119

Analytical Bate	h 371626	Client ID	MB371626			LCS371626			LCSD371626			
Prep Bato	h N/A	GCAL ID	595446			595447			595510			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/06/2008 12:21			04/06/2008 11:13			04/06/2008 11:36			
		Matrix	Solid			Solid			Solid			
CIM O	1C OOCOD D	OD Calid	Units	mg/kg	Spike	D!/		Control	D!/			RPD
SVV-84	46 8260B D	OD Solia	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-64-1	Acetone		0.000374U	0.000374	0.025	0.027	106	20 - 160	0.023	90	16	30
75-27-4	Bromodichloror	methane	0.000135U	0.000135	0.025	0.026	104	70 - 130	0.025	99	4	30
75-25-2	Bromoform		0.000169U	0.000169	0.025	0.026	102	55 - 135	0.025	101	4	30
74-83-9	Bromomethane	•	0.00151U	0.00151	0.025	0.027	107	30 - 160	0.027	108	0	30
75-15-0	Carbon disulfid	е	0.000109U	0.000109	0.025	0.026	104	45 - 160	0.025	99	4	30
56-23-5	Carbon tetrach	loride	0.000120U	0.000120	0.025	0.028	114	65 - 135	0.028	112	0	30
75-00-3	Chloroethane		0.000606U	0.000606	0.025	0.025	100	40 - 155	0.023	92	8	30
67-66-3	Chloroform		0.000141U	0.000141	0.025	0.026	103	70 - 125	0.025	100	4	30
74-87-3	Chloromethane	;	0.000464U	0.000464	0.025	0.026	102	50 - 130	0.025	98	4	30
124-48-1	Dibromochloror	methane	0.000900U	0.0000900	0.025	0.026	105	65 - 130	0.026	104	0	30
75-71-8	Dichlorodifluoro	omethane	0.000364U	0.000364	0.025	0.026	104	35 - 135	0.025	100	4	30
75-34-3	1,1-Dichloroeth	ane	0.000159U	0.000159	0.025	0.028	112	75 - 125	0.027	107	4	30
107-06-2	1,2-Dichloroeth	ane	0.000114U	0.000114	0.025	0.026	102	70 - 135	0.025	98	4	30
156-59-2	cis-1,2-Dichloro	ethene	0.000126U	0.000126	0.025	0.025	101	65 - 125	0.024	95	4	30
156-60-5	trans-1,2-Dichlo	oroethene	0.000164U	0.000164	0.025	0.025	100	65 - 135	0.024	97	4	30
75-09-2	Methylene chlo	ride	0.000479U	0.000479	0.025	0.024	94	55 - 140	0.023	91	4	30
78-87-5	1,2-Dichloropro	pane	0.000112U	0.000112	0.025	0.025	101	70 - 120	0.024	97	4	30
10061-01-5	cis-1,3-Dichloro	propene	0.000115U	0.000115	0.025	0.028	111	70 - 125	0.027	108	4	30
10061-02-6	trans-1,3-Dichlo	oropropene	0.000141U	0.000141	0.025	0.027	108	65 - 125	0.026	104	4	30
100-41-4	Ethylbenzene		0.000207U	0.000207	0.025	0.027	108	75 - 125	0.026	102	4	30
591-78-6	2-Hexanone		0.000826U	0.000826	0.025	0.030	121	45 - 145	0.027	108	11	30
98-82-8	Isopropylbenze	ne (Cumene)	0.000153U	0.000153	0.025	0.028	114	75 - 130	0.028	110	0	30
78-93-3	2-Butanone		0.000312U	0.000312	0.025	0.029	115	30 - 160	0.026	105	11	30
108-10-1	4-Methyl-2-pen	tanone	0.000173U	0.000173	0.025	0.027	108	45 - 145	0.025	98	8	30
100-42-5	Styrene		0.000152U	0.000152	0.025	0.027	107	75 - 125	0.026	102	4	30
127-18-4	Tetrachloroethe	ene	0.000192U	0.000192	0.025	0.022	87	65 - 140	0.021	85	5	30
79-34-5	1,1,2,2-Tetrach	loroethane	0.000180U	0.000180	0.025	0.027	106	55 - 130	0.024	97	12	30
120-82-1	1,2,4-Trichlorob	penzene	0.000327U	0.000327	0.025	0.031	123	65 - 130	0.027	110	14	30
71-55-6	1,1,1-Trichloroe	ethane	0.000123U	0.000123	0.025	0.030	118	70 - 135	0.029	115	3	30
79-00-5	1,1,2-Trichloroe	ethane	0.000114U	0.000114	0.025	0.025	102	60 - 125	0.026	103	4	30
75-69-4	Trichlorofluoror	nethane	0.000252U	0.000252	0.025	0.027	107	25 - 185	0.025	100	8	30
75-01-4	Vinyl chloride		0.000351U	0.000351	0.025	0.025	102	60 - 125	0.024	95	4	30
96-12-8	1,2-Dibromo-3-	chloropropane	0.000866U	0.000866	0.025	0.032	129	40 - 135	0.029	115	10	30

Analytical Bate	h 371626	Client ID	MB371626			LCS371626			LCSD371626			
Prep Bate	h N/A	GCAL ID	595446			595447			595510			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/06/2008 12:21			04/06/2008 11:13			04/06/2008 11:36			
		Matrix	Solid			Solid			Solid			
CW 9	16 8260B D	OD Solid	Units	mg/kg	Spike	Result		Control	Result			RPD
344-04	+0 0200B D	OD Solid	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
106-93-4	1,2-Dibromoeth	nane	0.000150U	0.000150	0.025	0.027	108	70 - 125	0.026	106	4	30
1634-04-4	tert-Butyl meth	yl ether (MTBE)	0.0000740U	0.0000740	0.025	0.026	104	50 - 135	0.025	99	4	30
1330-20-7	Xylene (total)		0.000572U	0.000572	0.075	0.083	110	75 - 125	0.079	106	5	30
108-87-2	Methylcyclohex	kane	0.000370U	0.000370	0.025	0.028	113	79 - 122	0.026	104	7	30
110-82-7	Cyclohexane		0.00111U	0.00111	0.025	0.027	110	61 - 143	0.025	100	8	30
79-20-9	Methyl Acetate		0.00153U	0.00153	0.025	0.030	119	41 - 164	0.026	102	14	30
76-13-1	Trichlorotrifluor	oethane	0.000188U	0.000188	0.025	0.026	104	71 - 137	0.024	97	8	30
541-73-1	1,3-Dichlorobe	nzene	0.000236U	0.000236	0.025	0.027	107	70 - 125	0.026	104	4	30
106-46-7	1,4-Dichlorobe	nzene	0.000421U	0.000421	0.025	0.027	109	70 - 125	0.027	106	0	30
95-50-1	1,2-Dichlorobe	nzene	0.000114U	0.000114	0.025	0.027	110	75 - 120	0.027	107	0	30
91-20-3	Naphthalene		0.000376U	0.000376	0.025	0.037	148*	40 - 125	0.034	135*	8	30
75-35-4	1,1-Dichloroeth	nene	0.000359U	0.000359	0.025	0.025	101	65 - 135	0.023	93	8	30
71-43-2	Benzene		0.000104U	0.000104	0.025	0.026	105	75 - 125	0.025	100	4	30
79-01-6	Trichloroethen	е	0.000177U	0.000177	0.025	0.025	101	75 - 125	0.025	100	0	30
108-88-3	Toluene		0.000550U	0.000550	0.025	0.026	105	70 - 125	0.025	102	4	30
108-90-7	Chlorobenzene)	0.000165U	0.000165	0.025	0.025	102	75 - 125	0.025	100	0	30
Surrogate												
460-00-4	4-Bromofluorol	oenzene	47.9	96	50	50.9	102	85 - 120	52.3	105		
1868-53-7	Dibromofluoror	methane	48.5	97	50	51.5	103	65 - 130	52.2	104		
2037-26-5	Toluene d8		51.6	103	50	50.2	100	85 - 115	50.4	101		
17060-07-0	1,2-Dichloroeth	nane-d4	48.4	97	50	51.5	103	62 - 125	49.3	99		

Analytical Bat	tch 371628	Client ID	MB371628			LCS371628		
Prep Bat	tch N/A	GCAL ID	595452			595453		
		Sample Type	Method Blank			LCS		
		Analytical Date	04/05/2008 19:07			04/05/2008 17:07		
		Matrix	Solid			Solid		
S/W-8	SW-846 8260B DOD Solid			mg/kg	Spike	Result		Control
344-0	40 02000 0	OD Solid	Result	RDL	Added	Result	% R	Limits % R
67-64-1	Acetone		0.000374U	0.000374	0.050	0.049	98	20 - 160
75-27-4	Bromodichloror	methane	0.000135U	0.000135	0.050	0.052	104	70 - 130
75-25-2	Bromoform	0.000169U	0.000169	0.050	0.050	99	55 - 135	

Analytical Batch 371628 Client II Prep Batch N/A GCAL ID		MB371628			LCS371628			
Prep Batch	N/A	GCAL ID	595452			595453		
		Sample Type	Method Blank			LCS		
		Analytical Date	04/05/2008 19:07			04/05/2008 17:07		
		Matrix	Solid			Solid		
C/M/ 0/1/	6 8260B D	OD Solid	Units	mg/kg	Spike	Result		Control
344-04	0 02000 D	OD Solid	Result	RDL	Added	Result	% R	Limits % R
74-83-9	Bromomethane)	0.00151U	0.00151	0.050	0.058	116	30 - 160
75-15-0	Carbon disulfid	е	0.000109U	0.000109	0.050	0.052	104	45 - 160
56-23-5	Carbon tetrach	loride	0.000120U	0.000120	0.050	0.058	116	65 - 135
75-00-3	Chloroethane		0.000606U	0.000606	0.050	0.049	99	40 - 155
67-66-3	Chloroform		0.000141U	0.000141	0.050	0.052	104	70 - 125
74-87-3	Chloromethane)	0.000464U	0.000464	0.050	0.049	97	50 - 130
124-48-1	Dibromochloro	methane	0.0000900U	0.0000900	0.050	0.057	113	65 - 130
75-71-8	Dichlorodifluoro	omethane	0.000364U	0.000364	0.050	0.051	102	35 - 135
75-34-3	1,1-Dichloroeth	ane	0.000159U	0.000159	0.050	0.054	108	75 - 125
107-06-2	1,2-Dichloroeth	ane	0.000114U	0.000114	0.050	0.049	97	70 - 135
156-59-2	cis-1,2-Dichlord	oethene	0.000126U	0.000126	0.050	0.049	98	65 - 125
156-60-5	trans-1,2-Dichle	oroethene	0.000164U	0.000164	0.050	0.051	102	65 - 135
75-09-2	Methylene chlo	ride	0.000479U	0.000479	0.050	0.046	91	55 - 140
78-87-5	1,2-Dichloropro	pane	0.000112U	0.000112	0.050	0.049	97	70 - 120
10061-01-5	cis-1,3-Dichloro	propene	0.000115U	0.000115	0.050	0.051	101	70 - 125
10061-02-6	trans-1,3-Dichle	oropropene	0.000141U	0.000141	0.050	0.053	106	65 - 125
100-41-4	Ethylbenzene		0.000207U	0.000207	0.050	0.055	109	75 - 125
591-78-6	2-Hexanone		0.000826U	0.000826	0.050	0.057	113	45 - 145
98-82-8	Isopropylbenze	ene (Cumene)	0.000153U	0.000153	0.050	0.058	117	75 - 130
78-93-3	2-Butanone		0.000312U	0.000312	0.050	0.052	104	30 - 160
108-10-1	4-Methyl-2-pen	tanone	0.000173U	0.000173	0.050	0.053	106	45 - 145
100-42-5	Styrene		0.000152U	0.000152	0.050	0.057	114	75 - 125
127-18-4	Tetrachloroethe	ene	0.000192U	0.000192	0.050	0.055	110	65 - 140
79-34-5	1,1,2,2-Tetrach	loroethane	0.000180U	0.000180	0.050	0.051	102	55 - 130
120-82-1	1,2,4-Trichlorob	penzene	0.000327U	0.000327	0.050	0.056	111	65 - 130
71-55-6	1,1,1-Trichloroe	ethane	0.000123U	0.000123	0.050	0.059	119	70 - 135
79-00-5	1,1,2-Trichloroe	ethane	0.000114U	0.000114	0.050	0.053	106	60 - 125
75-69-4	Trichlorofluoror	methane	0.000252U	0.000252	0.050	0.056	111	25 - 185
75-01-4	Vinyl chloride		0.000351U	0.000351	0.050	0.048	97	60 - 125
96-12-8	1,2-Dibromo-3-	chloropropane	0.000866U	0.000866	0.050	0.061	122	40 - 135
106-93-4	1,2-Dibromoeth	nane	0.000150U	0.000150	0.050	0.053	107	70 - 125
1634-04-4	tert-Butyl methy	yl ether (MTBE)	0.0000740U	0.0000740	0.050	0.052	105	50 - 135
1330-20-7	Xylene (total)		0.000572U	0.000572	0.150	0.168	112	75 - 125

Analytical Batch	371628	Client ID	MB371628			LCS371628		
Prep Batch	N/A	GCAL ID	595452			595453		
		Sample Type	Method Blank			LCS		
		Analytical Date	04/05/2008 19:07			04/05/2008 17:07		
		Matrix	Solid			Solid		
SW-84	6 8260B D	OD Salid	Units	mg/kg	Spike	Result		Control
344-041	0 02000 0	OD Solid	Result	RDL	Added	Result	% R	Limits % R
108-87-2	Methylcyclohex	ane	0.000370U	0.000370	0.050	0.055	110	79 - 122
110-82-7	Cyclohexane		0.00111U	0.00111	0.050	0.052	104	61 - 143
79-20-9	Methyl Acetate		0.00153U	0.00153	0.050	0.064	128	41 - 164
76-13-1	Trichlorotrifluor	oethane	0.000188U	0.000188	0.050	0.053	106	71 - 137
541-73-1	1,3-Dichlorober	nzene	0.000236U	0.000236	0.050	0.054	108	70 - 125
106-46-7	1,4-Dichlorober	nzene	0.000421U	0.000421	0.050	0.055	110	70 - 125
95-50-1	1,2-Dichlorober	nzene	0.000114U	0.000114	0.050	0.054	108	75 - 120
91-20-3	Naphthalene		0.000376U	0.000376	0.050	0.052	105	40 - 125
75-35-4	1,1-Dichloroeth	iene	0.000359U	0.000359	0.050	0.050	99	65 - 135
71-43-2	Benzene		0.000104U	0.000104	0.050	0.051	102	75 - 125
79-01-6	Trichloroethene	e	0.000177U	0.000177	0.050	0.054	107	75 - 125
108-88-3	Toluene		0.000550U	0.000550	0.050	0.053	106	70 - 125
108-90-7	Chlorobenzene	•	0.000165U	0.000165	0.050	0.052	105	75 - 125
Surrogate								
460-00-4	4-Bromofluorob	enzene	49.9	100	50	52.7	105	85 - 120
1868-53-7	Dibromofluoron	nethane	51.3	103	50	52.5	105	65 - 130
2037-26-5	Toluene d8		55.2	110	50	51	102	85 - 115
17060-07-0	1,2-Dichloroeth	ane-d4	52.1	104	50	50.3	101	62 - 125

Analytical Batch	371633	Client ID	MB371633			LCS371633			LCSD371633			
Prep Batch	N/A	GCAL ID	595469			595470			595508			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/08/2008 19:22			04/08/2008 18:17			04/08/2008 18:39			
	Matr		Water			Water			Water			
SW-846 8260B DOD Water		OD Water	Units	mg/L	Spike	Result		Control	Result			RPD
300-040	0200B D	JD Water	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-64-1	Acetone		0.000690U	0.000690	0.050	0.050	99	40 - 140	0.052	105	4	30
75-27-4	Bromodichloro	methane	0.0000796U	0.0000796	0.050	0.059	118	75 - 120	0.056	112	5	30
75-25-2	Bromoform		0.0000655U	0.0000655	0.050	0.060	120	70 - 130	0.058	116	3	30
74-83-9	74-83-9 Bromomethane		0.000252U	0.000252	0.050	0.051	103	30 - 145	0.054	109	6	30
75-15-0	5-15-0 Carbon disulfide		0.0000997U	0.0000997	0.050	0.053	107	35 - 160	0.052	105	2	30
56-23-5	Carbon tetrach	loride	0.000124U	0.000124	0.050	0.057	113	65 - 140	0.051	103	11	30

Analytical Batc	h 371633	Client ID	MB371633			LCS371633			LCSD371633			
Prep Batc	h N/A	GCAL ID	595469			595470			595508			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/08/2008 19:22			04/08/2008 18:17			04/08/2008 18:39			
		Matrix	Water			Water			Water			
CW 04	6 8260B DO	OD Water	Units	mg/L	Spike	Result		Control	Result			RPD
3VV-04	0 02000 00	JD Water	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
75-00-3	Chloroethane		0.0000607U	0.0000607	0.050	0.047	93	60 - 135	0.047	93	0	30
67-66-3	Chloroform		0.0000629U	0.0000629	0.050	0.051	103	65 - 135	0.048	96	6	30
74-87-3	Chloromethane	•	0.000244U	0.000244	0.050	0.049	98	40 - 125	0.051	101	4	30
124-48-1	Dibromochloror	methane	0.0000504U	0.0000504	0.050	0.059	117	60 - 135	0.057	115	3	30
75-71-8	Dichlorodifluoro	omethane	0.000168U	0.000168	0.050	0.050	100	30 - 155	0.055	110	10	30
75-34-3	1,1-Dichloroeth	ane	0.000125U	0.000125	0.050	0.053	107	70 - 135	0.051	103	4	30
107-06-2	1,2-Dichloroeth	ane	0.000184U	0.000184	0.050	0.054	108	70 - 130	0.051	102	6	30
156-59-2	cis-1,2-Dichloro	ethene	0.000154U	0.000154	0.050	0.057	114	70 - 125	0.054	108	5	30
156-60-5	trans-1,2-Dichlo	oroethene	0.000113U	0.000113	0.050	0.056	113	60 - 140	0.054	109	4	30
75-09-2	Methylene chlo	ride	0.000104U	0.000104	0.050	0.051	102	55 - 140	0.050	99	2	30
78-87-5	1,2-Dichloropro	pane	0.0000997U	0.0000997	0.050	0.050	99	75 - 125	0.047	93	6	30
10061-01-5	cis-1,3-Dichloro	propene	0.0000648U	0.0000648	0.050	0.050	100	70 - 130	0.048	97	4	30
10061-02-6	trans-1,3-Dichlo	oropropene	0.000101U	0.000101	0.050	0.051	102	55 - 140	0.049	98	4	30
100-41-4	Ethylbenzene		0.0000773U	0.0000773	0.050	0.052	104	75 - 125	0.048	96	8	30
591-78-6	2-Hexanone		0.000151U	0.000151	0.050	0.050	100	55 - 130	0.051	101	2	30
98-82-8	Isopropylbenze	ne (Cumene)	0.0000500U	0.0000500	0.050	0.050	101	75 - 125	0.047	94	6	30
78-93-3	2-Butanone		0.000361U	0.000361	0.050	0.058	115	30 - 150	0.056	111	4	30
108-10-1	4-Methyl-2-pen	tanone	0.0000882U	0.0000882	0.050	0.051	102	60 - 135	0.050	101	2	30
100-42-5	Styrene		0.0000500U	0.0000500	0.050	0.051	103	65 - 135	0.048	96	6	30
127-18-4	Tetrachloroethe	ene	0.0000805U	0.0000805	0.050	0.056	113	45 - 150	0.052	105	7	30
79-34-5	1,1,2,2-Tetrach	loroethane	0.000156U	0.000156	0.050	0.053	107	65 - 130	0.052	104	2	30
120-82-1	1,2,4-Trichlorob	penzene	0.000413U	0.000413	0.050	0.052	103	65 - 135	0.050	101	4	30
71-55-6	1,1,1-Trichloroe	ethane	0.000155U	0.000155	0.050	0.054	107	65 - 130	0.049	98	10	30
79-00-5	1,1,2-Trichloroe	ethane	0.0000677U	0.0000677	0.050	0.055	110	75 - 125	0.053	105	4	30
75-69-4	Trichlorofluoror	nethane	0.000141U	0.000141	0.050	0.055	110	60 - 145	0.054	108	2	30
75-01-4	Vinyl chloride		0.000163U	0.000163	0.050	0.051	101	50 - 145	0.051	102	0	30
96-12-8	1,2-Dibromo-3-	chloropropane	0.000181U	0.000181	0.050	0.051	101	50 - 130	0.050	100	2	30
106-93-4	1,2-Dibromoeth		0.000101U	0.000101	0.050	0.059	118	80 - 120	0.057	114	3	30
1634-04-4	tert-Butyl methy	yl ether (MTBE)	0.000110U	0.000110	0.050	0.053	106	65 - 125	0.054	107	2	30
1330-20-7	Xylene (total)	• •	0.000535U	0.000535	0.150	0.153	102	75 - 130	0.143	95	7	30
108-87-2	Methylcyclohex	ane	0.000201U	0.000201	0.050	0.050	100	77 - 123	0.046	92	8	30
110-82-7	Cyclohexane		0.000101U	0.000101	0.050	0.049	98	71 - 127	0.047	93	4	30
79-20-9	Methyl Acetate		0.000431U	0.000431	0.050	0.047	94	55 - 134	0.048	95	2	30

Analytical Batch	371633	Client ID	MB371633			LCS371633			LCSD371633			
Prep Batch	N/A	GCAL ID	595469			595470			595508			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/08/2008 19:22			04/08/2008 18:17			04/08/2008 18:39			
		Matrix	Water			Water			Water			
C/M 0/6	8260B D0	OD Water	Units	mg/L	Spike	Decult		Control	Decult			RPD
3VV-040	0200B D	JD Water	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
76-13-1	Trichlorotrifluor	oethane	0.000168U	0.000168	0.050	0.054	108	72 - 130	0.054	108	0	30
541-73-1	1,3-Dichlorober	nzene	0.000134U	0.000134	0.050	0.058	116	65 - 130	0.056	112	4	30
106-46-7	1,4-Dichlorober	nzene	0.000162U	0.000162	0.050	0.051	103	65 - 130	0.049	99	4	30
95-50-1	1,2-Dichlorober	nzene	0.000112U	0.000112	0.050	0.052	104	70 - 120	0.049	98	6	30
91-20-3	Naphthalene		2.55J	0.369	50.0	50.6	101	55 - 140	50.7	101	0.2	30
75-35-4	1,1-Dichloroeth	ene	0.000226U	0.000226	0.050	0.052	105	70 - 130	0.053	106	2	30
71-43-2	Benzene		0.000184U	0.000184	0.050	0.050	100	80 - 120	0.047	93	6	30
79-01-6	Trichloroethene	9	0.000123U	0.000123	0.050	0.049	97	70 - 125	0.046	92	6	30
108-88-3	Toluene		0.0000932U	0.0000932	0.050	0.055	109	75 - 120	0.052	103	6	30
108-90-7	Chlorobenzene	!	0.0000510U	0.0000510	0.050	0.050	100	80 - 120	0.047	93	6	30
Surrogate												
460-00-4	4-Bromofluorob	enzene	49.9	100	50	51	102	76 - 119	51.4	103		
1868-53-7	Dibromofluoron	nethane	50.9	102	50	50.1	100	85 - 115	49.5	99		
2037-26-5	Toluene d8		52.8	106	50	47.1	94	81 - 120	47.4	95		
17060-07-0	1,2-Dichloroeth	ane-d4	50.5	101	50	50.7	101	72 - 119	50.2	100		

Analytical Bate	ch 371712	Client ID	MB371712			LCS371712			LCSD371712			
Prep Bato	h N/A	GCAL ID	595972			595973			595974			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/07/2008 01:47			04/07/2008 00:39			04/07/2008 01:02			
	Matr		Solid			Solid			Solid			
S/N 846 8360B		:nP	Units	mg/kg	Spike	Result		Control	Result			RPD
,	SW-846 8260B		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
79-01-6	Trichloroethene)	0.00885U	0.00885	1.25	1.31	105	75 - 125	1.24	99	5	30
Surrogate												
460-00-4	4-Bromofluorob	enzene	2460	98	2500	2560	102	85 - 120	2410	96		
1868-53-7	868-53-7 Dibromofluoromethane		2980	119	2500	2950	118	65 - 130	2920	117		
2037-26-5	Toluene d8		2720	109	2500	2690	108	85 - 115	2670	107		
17060-07-0	1,2-Dichloroeth	ane-d4	2900	116	2500	2910	116	62 - 125	2790	112		

Analytical Batch	n 370779	Client ID	MB370779			LCS370779		
Prep Batch	n N/A	GCAL ID	591251			591252		
		Sample Type	Method Blank			LCS		
		Analytical Date	04/07/2008 12:18			04/07/2008 10:34		
		Matrix	Water			Water		
6///	846 8260B	TCLD	Units	mg/L	Spike	Result		Control
344-	040 02000	ICLF	Result	RDL	Added	Result	% R	Limits % R
56-23-5	Carbon tetrach	loride	0.000128U	0.000128	0.050	0.053	105	73 - 125
67-66-3	Chloroform		0.000194U	0.000194	0.050	0.050	100	75 - 120
107-06-2	1,2-Dichloroeth	ane	0.000205U	0.000205	0.050	0.052	103	75 - 122
78-93-3	2-Butanone		0.000429U	0.000429	0.050	0.052	103	51 - 157
127-18-4	Tetrachloroethe	ene	0.000227U	0.000227	0.050	0.049	99	77 - 129
75-01-4	Vinyl chloride		0.0000890U	0.0000890	0.050	0.048	96	69 - 130
75-35-4	1,1-Dichloroeth	ene	0.000229U	0.000229	0.050	0.045	91	76 - 127
71-43-2	Benzene		0.000225U	0.000225	0.050	0.050	101	80 - 120
79-01-6	Trichloroethene)	0.000270U	0.000270	0.050	0.049	97	79 - 121
108-90-7	Chlorobenzene		0.000213U	0.000213	0.050	0.053	105	80 - 125
Surrogate								
460-00-4	4-Bromofluorob	enzene	48.3	97	50	48.7	97	62 - 130
1868-53-7	Dibromofluoron	nethane	55.1	110	50	52.7	105	65 - 127
2037-26-5	Toluene d8		55.7	111	50	54.1	108	71 - 134
17060-07-0	1,2-Dichloroeth	ane-d4	54.9	110	50	55.1	110	62 - 127

Analytical Batch	370779	Client ID	SPENT HYDROTRE	ATING (TCLP)		589209MS			589209MSD			
Prep Batch	N/A	GCAL ID	20804012502			591362			591363			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	04/07/2008 17:22			04/07/2008 17:45			04/07/2008 18:07			
		Matrix	Solid			Solid			Solid			
S/W-	846 8260B	TCLD	Units	mg/L	Spike	Result		Control	Result			RPD
344-	040 02000	ICLF	Result	RDL	Added	Kesuit	% R	Limits % R	Kesuit	% R	RPD	Limit
56-23-5	Carbon tetrach	oride	0.00	0.00512	2.00	2.03	102	73 - 125	2.00	100	1	30
67-66-3	Chloroform		0.00	0.00776	2.00	1.89	95	75 - 120	1.80	90	5	30
107-06-2	1,2-Dichloroeth	ane	0.00	0.00820	2.00	2.01	101	75 - 122	2.02	101	0.5	30
78-93-3	2-Butanone		0.00	0.017	2.00	1.95	98	51 - 157	1.87	94	4	30
127-18-4	Tetrachloroethe	ene	0.00	0.00908	2.00	1.89	95	77 - 129	1.76	88	7	30
75-01-4	Vinyl chloride		0.00	0.00356	2.00	1.90	95	69 - 130	1.79	90	6	30
75-35-4	1,1-Dichloroeth	ene	0.00	0.00916	2.00	1.73	87	76 - 127	1.63	82	6	14
71-43-2	Benzene		3.95	0.00900	2.00	5.75	90	80 - 120	5.61	83	2	11
79-01-6	Trichloroethene)	0.00	0.011	2.00	1.79	90	79 - 121	1.77	89	1	14

Analytical Batcl	n 370779	Client ID	SPENT HYDROTRE	ATING (TCLP))	589209MS			589209MSD			
Prep Batcl	n N/A	GCAL ID	20804012502			591362			591363			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	04/07/2008 17:22			04/07/2008 17:45			04/07/2008 18:07			
		Matrix	Solid			Solid			Solid			
SW	846 8260B	TCLD	Units	mg/L	Spike	Result		Control	Result			RPD
344-	040 02000	ICLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
108-90-7	Chlorobenzene		0.00	0.00852	2.00	2.12	106	80 - 125	1.95	98	8	13
Surrogate												
460-00-4	4-Bromofluorob	enzene			2000	1920	96	62 - 130	1840	92		
1868-53-7	Dibromofluoror	nethane			2000	2140	107	65 - 127	2230	112		
2037-26-5	Toluene d8				2000	2290	115	71 - 134	2140	107		
17060-07-0	1,2-Dichloroeth	ane-d4			2000	2260	113	62 - 127	2210	111		

CASE NARRATIVE

Client: Aerostar Report: 208040120

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.

Additional Flags:

Q- LCS/LCSD recovery and/or RPD was outside control limits/CCV did not meet acceptance criteria/Internal standard responses are outside the acceptance range.

J - Indicates a positive result was obtained and the sample had a surrogate failure above the upper control limit or the sample had positive results and/or non-detects and had a surrogate recovery below the lower control limit/ Indicates the result is between the MDL and RL.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, sample 20804020103 (OMS-28-6 (10-15)) 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, sample 20804012103 (OMS-28-3 (10-15)) had to be diluted to bracket the concentration of a target compound within the calibration range of the instrument. The recovery for the surrogate Toluene-d8 was above the upper control limit in the 1 dilution for this sample. All other surrogate recoveries were acceptable for this sample. The responses for the internal standards were outside the acceptance range in the 1 dilution. All compounds are flagged Q on the form 1. The sample was not reanalyzed at a 1 dilution due to the high concentration of a target compound.

In the SW-846 1311/8260B analysis, a dilution factor of 40 was performed for sample 20804020106 (IDW (TCLP)). The reporting limits are at or below the regulatory limits at this dilution.

In the SW-846 8260B analysis for analytical batch 371526, the LCS/LCSD recoveries were above the upper control limit for Naphthalene. The recoveries are within the ME limits for this compound.

In the SW-846 8260B analysis for analytical batch 371633, Naphthalene was detected at an estimated concentration that is greater than $\frac{1}{2}$ the RL in the method blank. This is a common lab contaminant that is acceptable at <RL.

In the SW-846 8260B analysis, the %D/%Drift was outside $\pm 20\%$ for Methyl Acetate (27.9) and 1,2-Dibromo-3-Chloropropane (21.6) in the CCV (MSV9, 04/05/08 pm). The recoveries were high and these compounds were not detected in the associated samples.

In the SW-846 8260B analysis, the %D/%Drift was outside $\pm 20\%$ for 1,1,1-Trichloroethane (22.4), Bromomethane (22.3), and Isopropylbenzene (20.7) in the CCV (MSV9, 04/06/08). The recoveries were high and these compounds were not detected in the associated samples.

In the SW-846 8260B analysis, the recovery for Acetone was above the upper control limit in the ICV (MSV6, 04/08/08). This compound was not detected in the associated samples.

In the SW-846 8260B analysis, the %D/%Drift was outside $\pm 20\%$ for Bromoform (20.4) in the CCV (MSV6,

04/08/08 pm). This compound was not detected in the associated samples.

All data is reported to the MDL with estimated flags. No lower detection limit is available for 1,1,2,2-Tetrachloroethane.

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 MΙ Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count TNTC **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

В (ORGANICS) Indicates the analyte was detected in the associated Method Blank

В (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 208040120		
THIS REPORT CONTAINS	PAGES	

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		,		'															
Cooler No.(s) / Temperature(s) (°C) Sampling Kit No. Equipment ID No.					-		Cooler	No.(s)	Temper	ature(s) (°C			S	ampling	Kit No.		Equipment	ID No.	
MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)	MAT	RIX CODES: A =	Air (GW = Gr	oundwate	er SE	= Sedim	ient S	SO = Soi	1 SW =	W	ace Water	r W	= Wate	r (Blank	s) C) = Other (specify)		
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Ednet 14869/208040120/4-9-08	Chain	of Custod	y Record	1		Lab Report No.:		
Company:	Colf	f Coast LabNe	at Inc	Modified from DEP	Form #: 62-7	70.900(2)	Page 6	2 of 2
AEROSTAR		ironmental Lab Se		FDEP Facility No.;				
Address:				Project Name:	ROOK	LEY FIELD	OMS.	28
		hone: (251) 625-1	-	Location: Mak	ICE ,	AL		0
	21/10	Fax: (251) 625-12	299	Project No.:	100			
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PRESERVATIVE CODES: H = Hydrochloric acid + ice	I = Ice only			= Sulfuric acid + i			oft+No	HSOY

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Addr					,							Projec	ct Name:	BR	OUKL	EJ F	TELD	OMS	5-2	8
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Labra (4569/208040120/4.	Chain	of Cu	stody R	ecor	d				Lab Report No.:		
Company:	Culf	Conet I	abNet, Ir	10	Modifie	ed from I	DEP Form	n#: 62-77	70.900(2)	Pag	ge of
Apostan			Lab Service		FDEP I	Facility N	lo.:	Λ	,		
Address:					Project	Name:		DR	OOKLEY F	iEUD	OMS-28
803 GLOVI- ST., STE. A			625-1331		Locatio	n:		M	OBILE ALL		
MOBILE, AL 3660	Total Control of the	Fax: (251)	025-1299		Project	No.:					
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	Cooler No.(s)	/ Temperatu	re(s) (°C)		Sa	mpling	Kit No).	Equipment	ID No.	
									4		
		SO = Soil	SW = Surf			= Water	-		O = Other (specify)	cl i k	1 1100
PRESERVATIVE CODES: H = Hydrochloric acid + ice	I = Ice only	N = Ni	tric acid + ic	e S	= Sulfu	ric acid	+ ice	0 =	Other (specify)	off + 1	attice

To: Aerostar

Job ID: BROOKLEY FIELD OMS-28

Attn: Marshall Eschette

GCAL Report 208070940

Report Date 07/18/2008

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
20807094001	OMS28-1	Water	07/08/2008 09:52	07/09/2008 09:30
20807094002	OMS28-6	Water	07/08/2008 11:45	07/09/2008 09:30
20807094003	OMS28-4	Water	07/08/2008 13:56	07/09/2008 09:30
20807094004	IDW	Water	07/08/2008 14:00	07/09/2008 09:30
20807094005	RINSATE-2	Water	07/08/2008 08:05	07/09/2008 09:30
20807094006	DUP-2	Water	07/08/2008 00:00	07/09/2008 09:30
20807094007	TRIP BLANK	Water	07/08/2008 00:00	07/09/2008 09:30

Summary of Compounds Detected

GCAL ID 20807094001	Client ID OMS28-1	Matrix Water	Collect Date/Time 07/08/2008 09:52		Receive Date/Time 07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00905J	0.025	0.0000638	mg/L
67-66-3	Chloroform		0.044	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.00151J	0.00500	0.000249	mg/L
75-09-2	Methylene chloride		0.00905J	0.010	0.0000765	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807094002	OMS28-6	Water	07/08/2008 11:45		07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00305J	0.025	0.0000638	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807094003	OMS28-4	Water	07/08/2008 13:56		07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00207J	0.025	0.0000638	mg/L
67-66-3	Chloroform		0.000219J	0.00500	0.0000426	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807094004	IDW	Water	07/08/2008 14:00		07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00563J	0.025	0.0000638	mg/L
67-66-3	Chloroform		0.014	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.000963J	0.00500	0.000249	mg/L
75-09-2	Methylene chloride		0.00278J	0.010	0.0000765	mg/L
108-88-3	Toluene		0.000369J	0.00500	0.0000675	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807094005	RINSATE-2	Water	07/08/2008 08:05		07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00345J	0.025	0.0000638	mg/L
74-87-3	Chloromethane		0.00133J	0.00500	0.000249	mg/L
75-09-2	Methylene chloride		0.000800J	0.010	0.0000765	mg/L

Summary of Compounds Detected (con't)

GCAL ID 20807094006	Client ID DUP-2	Matrix Water	Collect Date/Time 07/08/2008 00:00		Receive Date/Time 07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00678J	0.025	0.0000638	mg/L
67-66-3	Chloroform		0.045	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.00184J	0.00500	0.000249	mg/L
75-09-2	Methylene chloride		0.00907J	0.010	0.0000765	mg/L
108-88-3	Toluene		0.000434J	0.00500	0.0000675	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
20807094007	TRIP BLANK	Water	07/08/2008 00:00		07/09/2008 09:30	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
67-64-1	Acetone		0.00181J	0.025	0.0000638	mg/L
75-25-2	Bromoform		0.00150J	0.00500	0.0000947	mg/L
124-48-1	Dibromochloromethane		0.000939J	0.00500	0.0000637	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094001	OMS28-1	Water	07/08/2008 09:52	07/09/2008 09:30

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 01:49	ADI 392648	atch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00905J	0.025	0.000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000232	mg/L
56-23-5	Carbon tetrachloride	0.0001040 0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene	0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.00000100	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.00151J	0.00500	0.000420	mg/L
110-82-7	Cyclohexane	0.000722U	0.00500	0.000249	_
124-48-1	Dibromochloromethane	0.00007220 0.0000637U	0.00500	0.0000722	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5		0.0000880U 0.0000746U	0.00500	0.000080	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U 0.0000702U	0.00500	0.0000748	mg/L
10061-02-6	trans-1,3-Dichloropropene			0.0000702	mg/L
	Ethylbenzene Isopropylbenzene (Cumene)	0.0000924U	0.00500		mg/L
98-82-8 79-20-9	, ,	0.000569U	0.00500	0.0000569	mg/L
	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylogo oblasida	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.00905J	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094001	OMS28-1	Water	07/08/2008 09:52	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 01:49	•	Analytical E 392648	Batch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L		97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	1	103	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	1	110	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
20807094002	OMS28-6	Water	07/08/2008 11:45	07/09/2008 09:30

Prep Date	Prep Batch I	Prep Method	Dilution 1	Analyzed 07/14/2008 02:12	By ADI	Analytical Batch 392648	1
CAS#	Parameter		Result	RDL		MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0.0	000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500	0.	000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500	0.	000146	mg/L
75-34-3	1,1-Dichloroethane		0.000801U	0.00500		000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0.0	000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500	0.	000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	e	0.000356U	0.00500	0.	000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500		000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500	0.	000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0.0	000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500		000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.0000861U	0.00500		000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.000961U	0.00500		000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500		000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500		000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500		000113	mg/L
67-64-1	Acetone		0.00305J	0.025		000638	mg/L
71-43-2	Benzene		0.0000624U	0.00500		000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500		000875	mg/L
75-25-2	Bromoform		0.0000947U	0.00500		000947	mg/L
74-83-9	Bromomethane		0.000252U	0.00500		000252	mg/L
75-15-0	Carbon disulfide		0.000184U	0.00500		000184	mg/L
56-23-5	Carbon tetrachloride		0.0000825U	0.00500		000825	mg/L
108-90-7	Chlorobenzene		0.0000631U	0.00500		000631	mg/L
75-00-3	Chloroethane		0.0000618U	0.00500		000618	mg/L
67-66-3	Chloroform		0.0000426U	0.00500		000426	mg/L
74-87-3	Chloromethane		0.000249U	0.00500		000249	mg/L
110-82-7	Cyclohexane		0.0002100 0.0000722U	0.00500		000722	mg/L
124-48-1	Dibromochloromethane		0.0000637U	0.00500		000637	mg/L
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500		000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500		000746	mg/L
10061-02-6	trans-1,3-Dichloropropene		0.00007100 0.0000702U	0.00500		000702	mg/L
100-41-4	Ethylbenzene		0.00007620 0.0000924U	0.00500		000924	mg/L
98-82-8	Isopropylbenzene (Cumene)		0.0000569U	0.00500		000569	mg/L
79-20-9	Methyl Acetate		0.000375U	0.00500		000375	mg/L
108-87-2	Methylcyclohexane		0.0000921U	0.00500	_	000921	mg/L
75-09-2	Methylene chloride		0.0000765U	0.010		000765	mg/L
91-20-3	Naphthalene		0.000245U	0.00500		000245	mg/L
100-42-5	Styrene		0.0000821U	0.00500		000821	mg/L
127-18-4	Tetrachloroethene		0.000200U	0.00500		000200	mg/L
108-88-3	Toluene		0.0000675U	0.00500		000675	mg/L
79-01-6	Trichloroethene		0.000164U	0.00500		000164	mg/L
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500		000638	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500		000168	mg/L
75-01-4	Vinyl chloride		0.000138U	0.00500		000538	mg/L
1330-20-7	Xylene (total)		0.000194U	0.010		000194	mg/L
156-59-2	cis-1,2-Dichloroethene		0.0007345U	0.00500		000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE	=)	0.0000746U	0.00500		000756	mg/L
		-,					mg/L
156-60-5	trans-1,2-Dichloroethene	,	0.0000573U	0.00500		000573	

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094002	OMS28-6	Water	07/08/2008 11:45	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 02:12	ADI 3926	lytical Batch 648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.057	mg/L	113	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	98	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094003	OMS28-4	Water	07/08/2008 13:56	07/09/2008 09:30

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 02:34	ADI 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/l
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/l
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/l
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/l
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/l
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/l
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/l
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/l
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/l
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/l
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/l
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/l
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/l
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/l
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/l
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/l
67-64-1	Acetone	0.00207J	0.025	0.0000638	mg/l
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/l
75-27-4	Bromodichloromethane	0.0000875U	0.00500	0.0000875	mg/l
75-25-2	Bromoform	0.0000947U	0.00500	0.0000947	mg/l
74-83-9	Bromomethane	0.000252U	0.00500	0.000252	mg/l
75-15-0	Carbon disulfide	0.0002320 0.000184U	0.00500	0.000232	mg/l
56-23-5	Carbon tetrachloride	0.0001040 0.0000825U	0.00500	0.000104	mg/l
108-90-7	Chlorobenzene	0.0000623U	0.00500	0.0000631	mg/l
75-00-3	Chloroethane	0.0000618U	0.00500	0.0000618	mg/l
67-66-3	Chloroform	0.000219J	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.000219J	0.00500	0.000249	mg/l
110-82-7	Cyclohexane	0.000249U	0.00500	0.000249	
124-48-1	Dibromochloromethane	0.00007220 0.0000637U	0.00500	0.0000722	mg/l
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/l
10061-01-5	cis-1,3-Dichloropropene	0.000080U	0.00500	0.0000746	mg/l
10061-01-5	• •	0.0000746U 0.0000702U	0.00500	0.0000746	mg/l
	trans-1,3-Dichloropropene				mg/l
100-41-4	Ethylbenzene Isopropylbenzene (Cumene)	0.0000924U	0.00500	0.0000924	mg/l
98-82-8 79-20-9	1 17	0.0000569U	0.00500	0.0000569	mg/l
	Methyl Acetate	0.000375U	0.00500	0.000375	mg/l
108-87-2	Methylogophexane	0.0000921U	0.00500	0.0000921	mg/l
75-09-2	Methylene chloride	0.0000765U	0.010	0.0000765	mg/l
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/l
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/l
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/l
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/l
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/l
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/l
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/l
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/l
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/l
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/l
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/l
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/l

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094003	OMS28-4	Water	07/08/2008 13:56	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 02:34	ADI 3926	ytical Batch 48
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.048	mg/L	96	75 - 120
1868-53-7	Dibromofluoromethane	.05	.052	mg/L	104	85 - 115
2037-26-5	Toluene d8	.05	.057	mg/L	113	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094004	IDW	Water	07/08/2008 14:00	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 02:56	By Analytical ADI 392648	Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane		0.000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropan	е	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone		0.00563J	0.025	0.0000638	mg/L
71-43-2	Benzene		0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500	0.0000875	mg/L
75-25-2	Bromoform		0.0000947U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane		0.000252U	0.00500	0.000252	mg/L
75-15-0	Carbon disulfide		0.000184U	0.00500	0.000184	mg/L
56-23-5	Carbon tetrachloride		0.0000825U	0.00500	0.0000825	mg/L
108-90-7	Chlorobenzene		0.0000631U	0.00500	0.0000631	mg/L
75-00-3	Chloroethane		0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform		0.014	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.000963J	0.00500	0.000249	mg/L
110-82-7	Cyclohexane		0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane		0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene		0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene		0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene))	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate		0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane		0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride		0.00278J	0.010	0.0000765	mg/L
91-20-3	Naphthalene		0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene		0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene		0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene		0.000369J	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene		0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride		0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)		0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene		0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTB	E)	0.0000756U	0.00500	0.0000756	mg/L
	,	,		0.00500		

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094004	IDW	Water	07/08/2008 14:00	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 02:56	•	nalytical Batch 92648
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ry Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	9	95 75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	10	02 85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	11	10 85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.049	mg/L	9	98 70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094005	RINSATE-2	Water	07/08/2008 08:05	07/09/2008 09:30

Prep Date	Prep Batch Prep Method	Dilution 1	Analyzed 07/14/2008 03:18	By Analytical ADI 392648	Batch
CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane	0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane	0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane	0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene	0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene	0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane	0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene	0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane	0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane	0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene	0.0000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene	0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone	0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone	0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone	0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone	0.00345J	0.025	0.000638	mg/L
71-43-2	Benzene	0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane	0.00008240 0.0000875U	0.00500	0.0000875	mg/L
75-27- 4 75-25-2	Bromoform	0.0000873U	0.00500	0.0000873	mg/L
74-83-9	Bromomethane	0.00009470 0.000252U	0.00500	0.000252	
74-03-9 75-15-0	Carbon disulfide	0.000232U 0.000184U	0.00500	0.000232	mg/L
56-23-5	Carbon distillide Carbon tetrachloride	0.000184U	0.00500	0.000184	mg/L
108-90-7	Chlorobenzene	0.0000825U	0.00500	0.0000625	mg/L
					mg/L
75-00-3	Chloroform	0.0000618U	0.00500	0.0000618	mg/L
67-66-3	Chloroform	0.0000426U	0.00500	0.0000426	mg/L
74-87-3	Chloromethane	0.00133J	0.00500	0.000249	mg/L
110-82-7	Cyclohexane	0.0000722U	0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane	0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane	0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene	0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene	0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene	0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)	0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate	0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane	0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride	0.000800J	0.010	0.0000765	mg/L
91-20-3	Naphthalene	0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene	0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene	0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene	0.0000675U	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene	0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane	0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane	0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride	0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)	0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene	0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene	0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094005	RINSATE-2	Water	07/08/2008 08:05	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 03:18	•	Analytical Bat 92648	tch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recov	ery I	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L		93	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	1	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	1	110	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	1	100	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094006	DUP-2	Water	07/08/2008 00:00	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 03:40	By Analytica ADI 392648	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0.0000683	mg/L
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500	0.000148	mg/L
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500	0.000146	mg/L
75-34-3	1,1-Dichloroethane		0.0000801U	0.00500	0.0000801	mg/L
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0.0000961	mg/L
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500	0.000223	mg/L
96-12-8	1,2-Dibromo-3-chloropropane)	0.000356U	0.00500	0.000356	mg/L
106-93-4	1,2-Dibromoethane		0.000158U	0.00500	0.000158	mg/L
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500	0.000109	mg/L
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0.0000663	mg/L
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500	0.0000555	mg/L
541-73-1	1,3-Dichlorobenzene		0.000861U	0.00500	0.0000861	mg/L
106-46-7	1,4-Dichlorobenzene		0.0000961U	0.00500	0.0000961	mg/L
78-93-3	2-Butanone		0.000487U	0.00500	0.000487	mg/L
591-78-6	2-Hexanone		0.000308U	0.00500	0.000308	mg/L
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500	0.000113	mg/L
67-64-1	Acetone		0.00678J	0.00300	0.0000113	mg/L
71-43-2	Benzene		0.0000624U	0.00500	0.0000624	mg/L
75-27-4	Bromodichloromethane		0.0000875U	0.00500	0.0000824	mg/L
75-27- 4 75-25-2	Bromoform		0.0000873U	0.00500	0.0000947	mg/L
74-83-9	Bromomethane		0.0003470 0.000252U	0.00500	0.000347	-
74-03-9 75-15-0	Carbon disulfide		0.0002320 0.000184U	0.00500	0.000232	mg/L
56-23-5	Carbon tetrachloride		0.0001840 0.0000825U	0.00500	0.000184	mg/L
108-90-7	Chlorobenzene		0.0000625U	0.00500	0.0000623	mg/L mg/L
75-00-3	Chloroethane		0.0000618U	0.00500	0.0000618	
67-66-3	Chloroform		0.0000180	0.00500	0.0000426	mg/L
74-87-3	Chloromethane		0.00184J	0.00500	0.000428	mg/L
			0.000722U			mg/L
110-82-7	Cyclohexane			0.00500	0.0000722	mg/L
124-48-1	Dibromochloromethane		0.0000637U	0.00500	0.0000637	mg/L
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500	0.0000680	mg/L
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500	0.0000746	mg/L
10061-02-6	trans-1,3-Dichloropropene		0.0000702U	0.00500	0.0000702	mg/L
100-41-4	Ethylbenzene		0.0000924U	0.00500	0.0000924	mg/L
98-82-8	Isopropylbenzene (Cumene)		0.0000569U	0.00500	0.0000569	mg/L
79-20-9	Methyl Acetate		0.000375U	0.00500	0.000375	mg/L
108-87-2	Methylcyclohexane		0.0000921U	0.00500	0.0000921	mg/L
75-09-2	Methylene chloride		0.00907J	0.010	0.0000765	mg/L
91-20-3	Naphthalene		0.000245U	0.00500	0.000245	mg/L
100-42-5	Styrene		0.0000821U	0.00500	0.0000821	mg/L
127-18-4	Tetrachloroethene		0.000200U	0.00500	0.000200	mg/L
108-88-3	Toluene		0.000434J	0.00500	0.0000675	mg/L
79-01-6	Trichloroethene		0.000164U	0.00500	0.000164	mg/L
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500	0.0000638	mg/L
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500	0.000168	mg/L
75-01-4	Vinyl chloride		0.0000538U	0.00500	0.0000538	mg/L
1330-20-7	Xylene (total)		0.000194U	0.010	0.000194	mg/L
156-59-2	cis-1,2-Dichloroethene		0.0000745U	0.00500	0.0000745	mg/L
1634-04-4	tert-Butyl methyl ether (MTBE	Ξ)	0.0000756U	0.00500	0.0000756	mg/L
156-60-5	trans-1,2-Dichloroethene		0.0000573U	0.00500	0.0000573	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094006	DUP-2	Water	07/08/2008 00:00	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 03:40	ADI 3926	S48
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.049	mg/L	97	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	102	85 - 115
2037-26-5	Toluene d8	.05	.055	mg/L	109	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L	99	70 - 120

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094007	TRIP BLANK	Water	07/08/2008 00:00	07/09/2008 09:30

Prep Date	Prep Batch I	Prep Method	Dilution 1	Analyzed 07/14/2008 04:03	By Ana ADI 392	ilytical Batch 648
CAS#	Parameter		Result	RDL	M	DL Unit
71-55-6	1,1,1-Trichloroethane		0.0000683U	0.00500	0.00006	583 mg/
79-34-5	1,1,2,2-Tetrachloroethane		0.000148U	0.00500	0.000	148 mg/
79-00-5	1,1,2-Trichloroethane		0.000146U	0.00500	0.000	
75-34-3	1,1-Dichloroethane		0.0000801U	0.00500	0.0000	_
75-35-4	1,1-Dichloroethene		0.0000961U	0.00500	0.00009	
120-82-1	1,2,4-Trichlorobenzene		0.000223U	0.00500	0.0002	
96-12-8	1,2-Dibromo-3-chloropropane	e	0.000356U	0.00500	0.0003	
106-93-4	1,2-Dibromoethane		0.000158U	0.00500	0.000	· ·
95-50-1	1,2-Dichlorobenzene		0.000109U	0.00500	0.000	
107-06-2	1,2-Dichloroethane		0.0000663U	0.00500	0.00006	_
78-87-5	1,2-Dichloropropane		0.0000555U	0.00500	0.0000	· ·
541-73-1	1,3-Dichlorobenzene		0.0000861U	0.00500	0.00008	•
106-46-7	1,4-Dichlorobenzene		0.000961U	0.00500	0.00009	· ·
78-93-3	2-Butanone		0.000487U	0.00500	0.0004	· ·
591-78-6	2-Hexanone		0.000308U	0.00500	0.0003	
108-10-1	4-Methyl-2-pentanone		0.000113U	0.00500	0.000	3
67-64-1	Acetone		0.00181J	0.025	0.0000	9
71-43-2	Benzene		0.0000624U	0.00500	0.00006	.
75-27-4	Bromodichloromethane		0.0000875U	0.00500	0.00008	3
75-25-2	Bromoform		0.00150J	0.00500	0.0000	3
74-83-9	Bromomethane		0.000252U	0.00500	0.0002	•
75-15-0	Carbon disulfide		0.0002820 0.000184U	0.00500	0.0002	0
56-23-5	Carbon tetrachloride		0.0001040 0.0000825U	0.00500	0.0000	· ·
108-90-7	Chlorobenzene		0.0000631U	0.00500	0.00006	•
75-00-3	Chloroethane		0.0000618U	0.00500	0.00006	
67-66-3	Chloroform		0.0000426U	0.00500	0.00004	3
74-87-3	Chloromethane		0.000420U	0.00500	0.0002	3
110-82-7	Cyclohexane		0.0002430 0.0000722U	0.00500	0.00007	3
124-48-1	Dibromochloromethane		0.000939J	0.00500	0.0000	
75-71-8	Dichlorodifluoromethane		0.0000680U	0.00500	0.00006	•
10061-01-5	cis-1,3-Dichloropropene		0.0000746U	0.00500	0.00007	3
10061-02-6	trans-1,3-Dichloropropene		0.00007400 0.0000702U	0.00500	0.00007	•
100-41-4	Ethylbenzene		0.00007620 0.0000924U	0.00500	0.00009	· ·
98-82-8	Isopropylbenzene (Cumene)		0.00005240 0.0000569U	0.00500	0.0000	•
79-20-9	Methyl Acetate		0.000375U	0.00500	0.0003	•
108-87-2	Methylcyclohexane		0.0000760 0.0000921U	0.00500	0.0000	· - 3·
75-09-2	Methylene chloride		0.00003210 0.0000765U	0.010	0.00007	•
91-20-3	Naphthalene		0.000245U	0.00500	0.0002	· ·
100-42-5	Styrene		0.0002430 0.0000821U	0.00500	0.0002	•
127-18-4	Tetrachloroethene		0.000200U	0.00500	0.0002	•
108-88-3	Toluene		0.0002000 0.0000675U	0.00500	0.0000	· ·
79-01-6	Trichloroethene		0.000164U	0.00500	0.000	•
75-69-4	Trichlorofluoromethane		0.0000638U	0.00500	0.0000	· ·
76-13-1	Trichlorotrifluoroethane		0.000168U	0.00500	0.0000	•
75-01-4	Vinyl chloride		0.000138U	0.00500	0.0000	•
1330-20-7	Xylene (total)		0.000336U	0.00300	0.0000	
156-59-2	cis-1,2-Dichloroethene		0.0001940 0.0000745U	0.00500	0.000	•
1634-04-4	tert-Butyl methyl ether (MTBE	=)	0.00007450 0.0000756U	0.00500	0.00007	· ·
156-60-5		-1	0.0000730U	0.00500	0.00005	· ·
100-00-0	trans-1,2-Dichloroethene		0.00005730	0.00500	0.0000	573 mg/

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20807094007	TRIP BLANK	Water	07/08/2008 00:00	07/09/2008 09:30

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 07/14/2008 04:03	•	Analytical Ba 392648	tch
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recov	ery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L		95	75 - 120
1868-53-7	Dibromofluoromethane	.05	.051	mg/L	•	102	85 - 115
2037-26-5	Toluene d8	.05	.056	mg/L	•	111	85 - 120
17060-07-0	1,2-Dichloroethane-d4	.05	.05	mg/L		99	70 - 120

Analytical Bate	h 392648	Client ID	MB392648			LCS392648			LCSD392648			
Prep Bate	ch N/A	GCAL ID	625109			625110			625111			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	07/13/2008 19:44			07/13/2008 18:23			07/13/2008 18:45			ļ
		Matrix	Water			Water			Water			
	C\M 0.4C 000	COD	Units	mg/L	Spike	. .		Control				RPD
	SW-846 826	OUB	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-64-1	Acetone		0.0000638U	0.0000638	0.050	0.051	102	40 - 140	0.048	95	6	30
75-27-4	Bromodichloro	methane	0.0000875U	0.0000875	0.050	0.053	106	75 - 120	0.050	101	6	30
75-25-2	Bromoform		0.0000947U	0.0000947	0.050	0.054	108	70 - 130	0.054	107	0	30
74-83-9	Bromomethane)	0.000252U	0.000252	0.050	0.058	115	30 - 145	0.055	111	5	30
75-15-0	Carbon disulfid	e	0.000184U	0.000184	0.050	0.059	117	35 - 160	0.052	103	13	30
56-23-5	Carbon tetrach	loride	0.0000825U	0.0000825	0.050	0.051	102	65 - 140	0.048	96	6	30
75-00-3	Chloroethane		0.0000618U	0.0000618	0.050	0.060	120	60 - 135	0.055	111	9	30
67-66-3	Chloroform		0.0000426U	0.0000426	0.050	0.048	96	65 - 135	0.046	92	4	30
74-87-3	Chloromethane)	0.000249U	0.000249	0.050	0.054	107	40 - 125	0.050	100	8	30
124-48-1	Dibromochloro	methane	0.0000637U	0.0000637	0.050	0.048	97	60 - 135	0.049	97	2	30
75-71-8	Dichlorodifluoro	omethane	0.0000680U	0.0000680	0.050	0.054	107	30 - 155	0.048	97	12	30
75-34-3	1,1-Dichloroeth	nane	0.0000801U	0.0000801	0.050	0.050	101	70 - 135	0.048	95	4	30
107-06-2	1,2-Dichloroeth	nane	0.0000663U	0.0000663	0.050	0.051	101	70 - 130	0.048	96	6	30
156-59-2	cis-1,2-Dichlord	oethene	0.0000745U	0.0000745	0.050	0.058	115	70 - 125	0.054	108	7	30
156-60-5	trans-1,2-Dichle	oroethene	0.0000573U	0.0000573	0.050	0.053	106	60 - 140	0.049	97	8	30
75-09-2	Methylene chlo	oride	0.0000765U	0.0000765	0.050	0.050	100	55 - 140	0.047	95	6	30
78-87-5	1,2-Dichloropro	ppane	0.0000555U	0.0000555	0.050	0.051	101	75 - 125	0.049	98	4	30
10061-01-5	cis-1,3-Dichlord	opropene	0.0000746U	0.0000746	0.050	0.051	101	70 - 130	0.048	96	6	30
10061-02-6	trans-1,3-Dichle	oropropene	0.0000702U	0.0000702	0.050	0.052	103	55 - 140	0.048	96	8	30
100-41-4	Ethylbenzene		0.0000924U	0.0000924	0.050	0.054	107	75 - 125	0.052	104	4	30
591-78-6	2-Hexanone		0.000308U	0.000308	0.050	0.043	86	55 - 130	0.044	87	2	30
98-82-8	Isopropylbenze	ene (Cumene)	0.0000569U	0.0000569	0.050	0.051	102	75 - 125	0.049	97	4	30
78-93-3	2-Butanone		0.000487U	0.000487	0.050	0.054	108	30 - 150	0.054	109	0	30
108-10-1	4-Methyl-2-pen	tanone	0.000113U	0.000113	0.050	0.046	93	60 - 135	0.045	90	2	30
100-42-5	Styrene		0.0000821U	0.0000821	0.050	0.050	99	65 - 135	0.049	97	2	30
127-18-4	Tetrachloroethe	ene	0.000200U	0.000200	0.050	0.051	102	45 - 150	0.051	102	0	30
79-34-5	1,1,2,2-Tetrach	loroethane	0.000148U	0.000148	0.050	0.052	104	65 - 130	0.052	104	0	30
120-82-1	1,2,4-Trichlorol	penzene	0.000223U	0.000223	0.050	0.053	106	65 - 135	0.047	95	12	30
71-55-6	1,1,1-Trichloroe	ethane	0.0000683U	0.0000683	0.050	0.050	100	65 - 130	0.048	95	4	30
79-00-5	1,1,2-Trichloroe	ethane	0.000146U	0.000146	0.050	0.048	97	75 - 125	0.048	95	0	30
75-69-4	Trichlorofluoror	methane	0.0000638U	0.0000638	0.050	0.053	106	60 - 145	0.049	98	8	30
75-01-4	Vinyl chloride		0.0000538U	0.0000538	0.050	0.060	120	50 - 145	0.054	109	11	30
96-12-8	1,2-Dibromo-3-	chloropropane	0.000356U	0.000356	0.050	0.048	96	50 - 130	0.049	99	2	30

Analytical Bat	ch 392648	Client ID	MB392648			LCS392648			LCSD392648			
Prep Bat	ch N/A	GCAL ID	625109			625110			625111			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	07/13/2008 19:44			07/13/2008 18:23			07/13/2008 18:45			
		Matrix	Water			Water			Water			
	C/M 0.46 0.26	enD	Units	mg/L	Spike	Desult		Control	Desult			RPD
	SW-846 826	DUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
106-93-4	1,2-Dibromoeth	nane	0.000158U	0.000158	0.050	0.053	106	80 - 120	0.053	107	0	30
1634-04-4	tert-Butyl methy	yl ether (MTBE)	0.0000756U	0.0000756	0.050	0.053	106	65 - 125	0.052	103	2	30
1330-20-7	Xylene (total)		0.000194U	0.000194	0.150	0.150	100	75 - 130	0.146	97	3	30
108-87-2	Methylcyclohex	rane	0.0000921U	0.0000921	0.050	0.054	107	77 - 123	0.047	94	14	30
110-82-7	Cyclohexane		0.0000722U	0.0000722	0.050	0.052	103	71 - 127	0.048	95	8	30
79-20-9	Methyl Acetate		0.000375U	0.000375	0.050	0.047	93	55 - 134	0.047	93	0	30
76-13-1	Trichlorotrifluor	oethane	0.000168U	0.000168	0.050	0.052	105	72 - 130	0.049	97	6	30
541-73-1	1,3-Dichlorobe	nzene	0.0000861U	0.0000861	0.050	0.058	116	65 - 130	0.055	111	5	30
106-46-7	1,4-Dichlorobe	nzene	0.0000961U	0.0000961	0.050	0.051	103	65 - 130	0.049	98	4	30
95-50-1	1,2-Dichlorober	nzene	0.000109U	0.000109	0.050	0.058	115	70 - 120	0.056	111	4	30
91-20-3	Naphthalene		0.000245U	0.000245	0.050	0.050	99	55 - 140	0.048	96	4	30
75-35-4	1,1-Dichloroeth	nene	0.0000961U	0.0000961	0.050	0.053	106	70 - 130	0.049	98	8	30
71-43-2	Benzene		0.0000624U	0.0000624	0.050	0.050	100	80 - 120	0.048	96	4	30
79-01-6	Trichloroethene	Э	0.000164U	0.000164	0.050	0.054	109	70 - 125	0.051	102	6	30
108-88-3	Toluene		0.0000675U	0.0000675	0.050	0.050	100	75 - 120	0.049	98	2	30
108-90-7	Chlorobenzene)	0.0000631U	0.0000631	0.050	0.049	99	80 - 120	0.048	96	2	30
Surrogate												
460-00-4	4-Bromofluorob	penzene	47.8	96	50	48.8	98	75 - 120	50.7	101		
1868-53-7	Dibromofluoror	nethane	51.9	104	50	48.6	97	85 - 115	49.1	98		
2037-26-5	Toluene d8		55.7	111	50	45	90	85 - 120	46.7	93		
17060-07-0	1,2-Dichloroeth	nane-d4	51	102	50	49.4	99	70 - 120	49.1	98		

Analytical Batch	392648	Client ID	MW-12			621273MS				621273MSD			
Prep Batch	N/A	GCAL ID	20807032001			625247				625248			
		Sample Type	SAMPLE			MS				MSD			
		Analytical Date	07/13/2008 21:23			07/13/2008 22:52				07/13/2008 23:14			
		Matrix	Water			Water				Water			
	W-846 826	SOB	Units	mg/L	Spike	Result		Contr	ol	Result			RPD
9	040 020	000	Result	RDL	Added	Result	% R	Limits 9	% R	Result	% R	RPD	Limit
67-64-1	Acetone		0.00363	0.0000638	0.050	0.034	61	40 -	140	0.037	66	8	30
75-27-4	Bromodichloro	methane	0.00	0.0000875	0.050	0.052	105	75 -	120	0.052	103	0	30
75-25-2	Bromoform		0.00	0.0000947	0.050	0.054	107	70 -	130	0.054	107	0	30

Analytical Ba	tch 392648	Client ID	MW-12			621273MS			621273MSD			
Prep Ba	tch N/A	GCAL ID	20807032001			625247			625248			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	07/13/2008 21:23			07/13/2008 22:52			07/13/2008 23:14			
		Matrix	Water			Water			Water			
	CVV 0.4C 0.20	COD	Units	mg/L	Spike	D!/		Control	D!/			RPD
	SW-846 826	DUB	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
74-83-9	Bromomethane)	0.00	0.000252	0.050	0.049	98	30 - 145	0.058	117	17	30
75-15-0	Carbon disulfid	e	0.00	0.000184	0.050	0.049	97	35 - 160	0.054	107	10	30
56-23-5	Carbon tetrach	loride	0.00	0.0000825	0.050	0.052	103	65 - 140	0.049	98	6	30
75-00-3	Chloroethane		0.00	0.0000618	0.050	0.052	104	60 - 135	0.056	111	7	30
67-66-3	Chloroform		0.00	0.0000426	0.050	0.047	94	65 - 135	0.046	92	2	30
74-87-3	Chloromethane	9	0.00	0.000249	0.050	0.041	82	40 - 125	0.052	104	24	30
124-48-1	Dibromochloro	methane	0.00	0.0000637	0.050	0.048	95	60 - 135	0.049	97	2	30
75-71-8	Dichlorodifluor	omethane	0.00	0.0000680	0.050	0.045	90	30 - 155	0.051	102	13	30
75-34-3	1,1-Dichloroeth	nane	0.00	0.0000801	0.050	0.048	96	70 - 135	0.049	97	2	30
107-06-2	1,2-Dichloroeth	nane	0.00	0.0000663	0.050	0.051	101	70 - 130	0.049	97	4	30
156-59-2	cis-1,2-Dichlore	oethene	0.00	0.0000745	0.050	0.051	101	70 - 125	0.051	102	0	30
156-60-5	trans-1,2-Dichle	oroethene	0.00	0.0000573	0.050	0.047	94	60 - 140	0.048	96	2	30
75-09-2	Methylene chlo	oride	0.00	0.0000765	0.050	0.047	95	55 - 140	0.048	95	2	30
78-87-5	1,2-Dichloropro	ppane	0.00	0.0000555	0.050	0.050	99	75 - 125	0.049	98	2	30
10061-01-5	cis-1,3-Dichlore	opropene	0.00	0.0000746	0.050	0.044	88	70 - 130	0.044	87	0	30
10061-02-6	trans-1,3-Dichle	oropropene	0.00	0.0000702	0.050	0.050	100	55 - 140	0.049	98	2	30
100-41-4	Ethylbenzene		0.00	0.0000924	0.050	0.052	104	75 - 125	0.052	103	0	30
591-78-6	2-Hexanone		0.00	0.000308	0.050	0.037	74	55 - 130	0.039	78	5	30
98-82-8	Isopropylbenze	ene (Cumene)	0.00	0.0000569	0.050	0.049	98	75 - 125	0.048	97	2	30
78-93-3	2-Butanone		0.00	0.000487	0.050	0.045	89	30 - 150	0.046	93	2	30
108-10-1	4-Methyl-2-pen	itanone	0.00	0.000113	0.050	0.045	90	60 - 135	0.044	88	2	30
100-42-5	Styrene		0.00	0.0000821	0.050	0.049	97	65 - 135	0.048	97	2	30
127-18-4	Tetrachloroeth	ene	0.00	0.000200	0.050	0.049	98	45 - 150	0.050	100	2	30
79-34-5	1,1,2,2-Tetrach	loroethane	0.00	0.000148	0.050	0.052	103	65 - 130	0.054	108	4	30
120-82-1	1,2,4-Trichlorol	benzene	0.00	0.000223	0.050	0.043	87	65 - 135	0.046	91	7	30
71-55-6	1,1,1-Trichloro	ethane	0.00	0.0000683	0.050	0.050	100	65 - 130	0.048	96	4	30
79-00-5	1,1,2-Trichloro	ethane	0.00	0.000146	0.050	0.047	95	75 - 125	0.048	96	2	30
75-69-4	Trichlorofluoro	methane	0.00	0.0000638	0.050	0.047	95	60 - 145	0.051	101	8	30
75-01-4	Vinyl chloride		0.00	0.0000538	0.050	0.044	87	50 - 145	0.056	112	24	30
96-12-8	1,2-Dibromo-3-	chloropropane	0.00	0.000356	0.050	0.044	88	50 - 130	0.048	97	9	30
106-93-4	1,2-Dibromoeth	nane	0.00	0.000158	0.050	0.051	102	80 - 120	0.054	107	6	30
1634-04-4	tert-Butyl meth	yl ether (MTBE)	0.00	0.0000756	0.050	0.047	95	65 - 125	0.050	101	6	30
1330-20-7	Xylene (total)		0.00	0.000194	0.150	0.147	98	75 - 130	0.146	97	0.7	30

Analytical Bato	h 392648	Client ID	MW-12			621273MS			621273MSD			
Prep Bato	h N/A	GCAL ID	20807032001			625247			625248			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	07/13/2008 21:23			07/13/2008 22:52			07/13/2008 23:14			
		Matrix	Water			Water			Water			
	SW-846 826	np.	Units	mg/L	Spike	Result		Control	Result			RPD
1	5VV-040 020	DUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
108-87-2	Methylcyclohex	ane	0.00	0.0000921	0.050	0.050	99	77 - 123	0.047	94	6	30
110-82-7	Cyclohexane		0.00	0.0000722	0.050	0.047	94	71 - 127	0.047	94	0	30
79-20-9	Methyl Acetate		0.00	0.000375	0.050	0.050	99	55 - 134	0.045	90	11	30
76-13-1	Trichlorotrifluor	oethane	0.00	0.000168	0.050	0.047	95	72 - 130	0.049	99	4	30
541-73-1	1,3-Dichlorober	nzene	0.00	0.0000861	0.050	0.055	110	65 - 130	0.056	112	2	30
106-46-7	1,4-Dichlorober	nzene	0.00	0.0000961	0.050	0.049	99	65 - 130	0.050	100	2	30
95-50-1	1,2-Dichlorober	nzene	0.00	0.000109	0.050	0.055	110	70 - 120	0.056	112	2	30
91-20-3	Naphthalene		0.00	0.000245	0.050	0.042	83	55 - 140	0.046	92	9	30
75-35-4	1,1-Dichloroeth	ene	0.00	0.0000961	0.050	0.046	91	70 - 130	0.050	101	8	30
71-43-2	Benzene		0.00	0.0000624	0.050	0.049	98	80 - 120	0.049	98	0	30
79-01-6	Trichloroethene	9	0.00	0.000164	0.050	0.054	108	70 - 125	0.052	105	4	30
108-88-3	Toluene		0.00	0.0000675	0.050	0.049	98	75 - 120	0.049	98	0	30
108-90-7	Chlorobenzene	:	0.00	0.0000631	0.050	0.049	98	80 - 120	0.049	97	0	30
Surrogate												
460-00-4	4-Bromofluorob	enzene			50	49.8	100	75 - 120	50.2	100		
1868-53-7	Dibromofluoron	nethane			50	49.1	98	85 - 115	49	98		
2037-26-5	Toluene d8				50	45.4	91	85 - 120	45.6	91		
17060-07-0	1,2-Dichloroeth	ane-d4			50	50.5	101	70 - 120	49.4	99		

CASE NARRATIVE

Client: Aerostar Report: 208070940

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

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

Laboratory Endorsement

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

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL DO Indicates the result was Diluted Out MΙ Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count TNTC **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

Reporting Flags Utilized in this Report

J Indicates an estimated value

00:00 Reported as a time equivalent to 12:00 AM

- 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 208070940		
THIS REPORT CONTAINS	PAGES	

Laboret / 4564/208070940 (7-160)	Chain of Custody Record		Lab Report No.:
Company:	Gulf Coast LabNet, Inc.	Modified from DEP Form #: 62-770	0.900(2) Page of
AEROSTAR	An Environmental Lab Services Co.	FDEP Facility No.:	
Address:		A	EY FIELD OMS-28
803 GLOVY. ST., STE. A	Phone: (251) 625-1331	Location: MOBILE,	
MOBILE, AL 36602	Fax: (251) 625-1299	Project No.:	AL
Attn: Phone:	# 1		← Preservative
MARSHAU ESCHETE FAX:			←Analysis
Sampled by [Print Name]/Affiliation Sampler Signature	3		REQUESTED DUE DATE
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C	ooler No.(s) / Temperature(s) (°C)	Sampling Kit No.	Equipment ID No.
MATRIX CODES: A = Air GW = Groundwater SE = S	ediment SO = Soil SW = Surface Water		= Other (specify)
		The state of the s	Other (specify)

APPENDIX F SURVEY DATA

LAWLER AND COMPANY LAND AND INDUSTRIAL SURVEYORS

8975 DAWES LANE NORTH MOBILE, ALABAMA 36619 (251) 661-9411 FAX (251) 661-9177

Mr. Marshall Eschete Aerostar Environmental Services 802 Government Street, Suite A Mobile, Alabama 36602 19 August, 2008

Re: Mobile Downtown Airport Well Survey

Dear Mr. Eschete:

The following list is the result of our survey dated 18 August, 2008 at the Mobile Downtown Airport, Brookley Complex. Horizontal Datum is Alabama West, NAD 83 (1992) and NGVD 1929. The coordinate position was taken at the top of PVC casing on each well unless otherwise noted.

Please let me know if you need additional information

Sincerely,

W. J. Lawler, III PLS Reg. No. 17513

NORTHING	EASTING	ELEVATION	DESIGNATION
225734.75	1792281.41	15.28	AOC 001-07
225670.92	1792433.35	15.30	AOC 001-03
238705.56	1790616.32	26.26	OMS 28-1
238675.56	1790880.39	30.88	OMS 28-2
238475.46	1790893.65	30.70	OMS 28-3
238529.35	1790804.85	27.99	OMS 28-4
238421.60	1790865.90	30.31	OMS 28-6
238390.13	1790807.56	27.56	OMS 28-7
238316.54	1790924.98	28.99	MW 5 SEE NOTE
238419.99	1790877.56	28.24	MW 8
238466.24	1790633.49	25.45	MW 9
238697.54	1790622.75	25.94	MW 12
238526.89	1790804.18	30.12	OMS 28-5

Note: MW 5 was inaccessible due to vehicle parked on top. Shot taken 0.5' South.

TABLE 1 FIELD INVESTIGATION SAMPLE COLLECTION

Location	Date Collected	Sample ID	Sample Interval/ Well Screen	Sample Matrix	Parameters
OMS-28-1	06/06/2008	OMS-28-1 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-1	06/06/2008	OMS-28-1 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-1	06/06/2008	OMS-28-1 (10-15)	10-15	Soil	TCL Volatiles 8260B
OMS-28-1	06/06/2008	OMS-28-1 (65-70)	65-70	Soil	TCL Volatiles 8260B
OMS-28-2	03/27/2008	OMS-28-2 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-2	03/27/2008	OMS-28-2 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-2	03/27/2008	OMS-28-2 (15-20)	15-20	Soil	TCL Volatiles 8260B
OMS-28-3	03/26/2008	OMS-28-3 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-3	03/26/2008	OMS-28-3 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-3	03/26/2008	OMS-28-3 (10-15)	10-15	Soil	TCL Volatiles 8260B
OMS-28-4	03/27/2008	OMS-28-4 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-4	03/27/2008	OMS-28-4 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-4	03/27/2008	OMS-28-4 (10-15)	10-15	Soil	TCL Volatiles 8260B
OMS-28-4	03/27/2008	OMS-28-4 (70-75)	70-75	Soil	TCL Volatiles 8260B
OMS-28-5	03/27/2008	OMS-28-5 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-5	03/27/2008	OMS-28-5 (5-10)	5-10)	Soil	TCL Volatiles 8260B
OMS-28-5	03/27/2008	OMS-28-5 (15-20)	15-20	Soil	TCL Volatiles 8260B
OMS-28-6	03/28/2008	OMS-28-6 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-6	03/28/2008	OMS-28-6 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-6	03/28/2008	OMS-28-6 (10-15)	10-15	Soil	TCL Volatiles 8260B
OMS-28-6	03/28/2008	OMS-28-6 (70-75)	70-75	Soil	TCL Volatiles 8260B
OMS-28-7	03/26/2008	OMS-28-7 (0-5)	0-5	Soil	TCL Volatiles 8260B
OMS-28-7	03/26/2008	OMS-28-7 (5-10)	5-10	Soil	TCL Volatiles 8260B
OMS-28-7	03/26/2008	OMS-28-7 (15-20)	15-20	Soil	TCL Volatiles 8260B
OMS-28-2	03/27/2008	DUP 1	0-5	Soil	TCL Volatiles 8260B
OMS-28-5	03/27/2008	DUP 2	0-5	Soil	TCL Volatiles 8260B
OMS-28-4	03/27/2008	DUP 3	0-5	Soil	TCL Volatiles 8260B
IDW	03/28/2008	IDW	NA	Soil	TCL Volatiles 8260B

Revision 1 October 2008

TABLE 1 FIELD INVESTIGATION SAMPLE COLLECTION (CONTINUED)

Location	Date Collected	Sample ID	Sample Interval/ Well Screen	Sample Matrix	Parameters
IDW	03/28/2008	IDW (TCLP)	NA	Soil	TCLP
RINSATE #1	03/28/2008	RINSATE #1	NA	Soil	TCL Volatiles 8260B
RINSATE #2	03/28/2008	RINSATE #2	NA	Soil	TCL Volatiles 8260B
RINSATE #3	03/28/2008	RINSATE #3	NA	Soil	TCL Volatiles 8260B
OMS-28-1	07/08/2008	OMS-28-1	70-80	Groundwater	TCL 8260
OMS-28-2	07/02/2008	OMS-28-2	10-20	Groundwater	TCL 8260
OMS-28-3	07/02/2008	OMS-28-3	10-20	Groundwater	TCL 8260
OMS-28-4	07/08/2008	OMS-28-4	65-75	Groundwater	TCL 8260
OMS-28-5	07/02/2008	OMS-28-5	10-20	Groundwater	TCL 8260
OMS-28-6	07/08/2008	OMS-28-6	65-75	Groundwater	TCL 8260
OMS-28-7	07/01/2008	OMS-28-6	10-20	Groundwater	TCL 8260
MW-5	07/01/2008	MW-5	5-15	Groundwater	TCL 8260
MW-6	07/01/2008	MW-6	5-15	Groundwater	TCL 8260
MW-8	07/01/2008	MW-8	5-15	Groundwater	TCL 8260
MW-9	07/02/2008	MW-9	6-16	Groundwater	TCL 8260
MW-12	07/01/2008	MW-12	5-15	Groundwater	TCL 8260
DUP 1	07/01/2008	DUP 1	Dup of MW-8	Groundwater	TCL 8260
DUP 2	07/08/2008	DUP 2	Dup of OMS-28-1	Groundwater	TCL 8260
RINSE-1	07/01/2008	RINSE-1	NA	Groundwater	TCL 8260
RINSATE-2	07/08/2008	RINSATE-2	NA	Groundwater	TCL 8260
IDW	07/08/2008	IDW	NA	Groundwater	TCL 8260
TRIP- BLANK	07/02/2008 07/08/2008	TRIP-BLANK	NA	Groundwater	TCL 8260

NA = Not applicable

Revision 1 October 2008