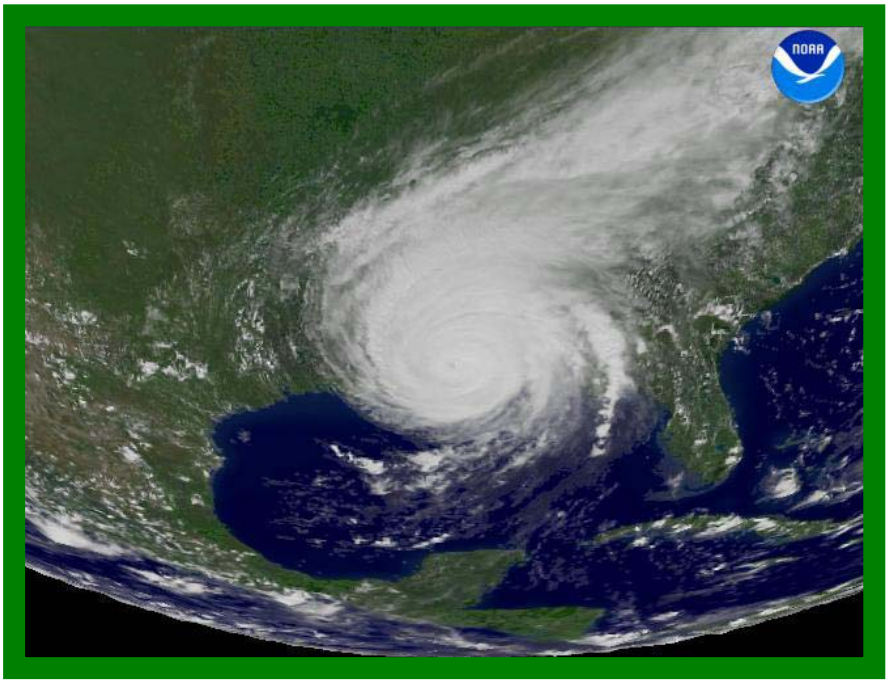
United States Environmental Protection Agency, Region 4



Report
Katrina Response
Environmental Soil and Sediment Sampling
Gulf Coast of Mississippi
October, 2005

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Title and Approval Sheet

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Executive Summary

On August 29, 2005, Hurricane Katrina made landfall along the Gulf coast of the southeastern United States, causing unprecedented damage from eastern Louisiana to near Mobile, Alabama, due to the high winds and storm surge. During the week of October 3, 2005, the USEPA Region 4, Science and Ecosystem Support Division (SESD) collected soil and sediment samples near facilities in the affected areas in Mississippi to determine if flooding from the storm surge released hazardous constituents and materials. The facilities being investigated were located in the storm surge impacted portions of Hancock, Harrison and Jackson Counties in Mississippi. This investigation was requested by the Mississippi Department of Environmental Quality (MDEQ) and the USEPA, Region 4, Waste Management Division.

The locations of these sites are shown and identified in **Figure 1** (**Appendix A**), while **Figures 2** through **7** show the facilities. Sample locations are shown in **Figures 8** through **13**, also included in **Appendix A**. The analytical data are presented in **Section 6** and **Appendix B** of this report.

The analytical data presented in **Section 6** and **Appendix B** of this report, was evaluated by the Region 4 Waste Management Division, Technical Services Section (TSS) to determine if there were any observable or attributable Post-Katrina impacts at the investigated sites. Technical Services Section staff reviewed the data presented in **Section 6** and **Appendix B**. Evaluating the sampling data to determine if there was an off-site impact from Hurricane Katrina posed a challenge, due to the scarcity of pre-existing sampling data and supporting information that could be used for data interpretation.

EPA's conclusions regarding the potential impact of the hurricane on these sites are based on a comparison of post-hurricane data to available past sample data collected during any facility investigations or routine monitoring activities. In addition, the results were compared to EPA Region 9 Preliminary Remediation Goals (PRGs) to determine if conditions at the sites might represent previously unrecognized risks to human health and the environment. EPA Region 9 PRGs (available at: http://www.epa.gov/region9/waste/sfund/prg/index.html) are conservative risk-based concentrations based on long-term exposures in either a residential or commercial/industrial setting. They are considered by EPA to be protective for people (including sensitive groups) over a lifetime. The PRGs are not clean up standards, but used to assist EPA scientists and others in initial screening-level evaluations of environmental measurements. The impact evaluations are presented in Section 7 of this report.

The scope of the investigations at each site and the conclusions that were reached regarding releases or impacts from Hurricane Katrina are presented in the following site summaries. For the Risk Management Plan (RMP), Toxic Release Inventory (TRI) and Tier II Emergency Planning and Community Right-to-Know Act (EPCRA) facilities, PRGs based on an industrial/commercial exposure situation were utilized, except in the case where samples were taken in the vicinity of residential development; in which case

residential PRG soil screening values were used. The impact evaluations are presented in **Section 7** of this report.

The scope of the investigations at each site and the conclusions that were reached regarding releases or impacts from Hurricane Katrina are presented in the following site summaries:

DuPont DeLisle - Pass Christian, Mississippi

Three surface soil and two sediment samples were collected at five locations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. Low levels of metals, VOCs, pesticides, and SVOCs were detected in samples. Samples were also collected for dioxins. The dioxin data will be released in an addendum to this report when it is available. No PCBs were reported.

From a comparison with sampling conducted pre-hurricane Katrina there is no clear and consistent pattern of increased contamination levels that would clearly indicate a potential release in the area of the DuPont DeLisle facility due to the effects of Hurricane Katrina. None of the reported analytes exceeded risk-based soil screening benchmarks for an industrial exposure scenario, or residential PRGs in the vicinity of residential development northeast of the facility.

Chevron Pascagoula, First Chemical, Mississippi Phosphates - Pascagoula, Mississippi

Three surface soil and seven sediment samples were collected at ten locations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, metals, and radionuclides (samples BC2 and BC4 were collected as part of another investigation, no radionuclide analyses were performed on these samples). Several metals were detected, along with low concentrations of VOCs, pesticides, and SVOCs. No PCBs were reported in these samples.

Several metals exceeded pre-hurricane concentrations, however these elevated concentrations were detected in sediments in a ditch that is part of a solid waste management unit on site property that was previously known to contain elevated metals concentrations and were the site of previous industrial activity. EPA believes the exceedances are not significant enough to clearly indicate an impact due to hurricane Katrina in light of the likelihood of pre-existing metals contamination in surficial soil and drainage ditch sediments. Maximum detected levels of the metals arsenic and chromium exceeded PRGs, however were within a risk-range considered acceptable by EPA in other regulatory contexts. It is unlikely that frequent and prolonged human contact with sediments under water in drainage ditches would occur. There does not appear to be an indication of a potential release in the area of the facilities due to the effects of Hurricane Katrina.

Omega Protein - Moss Point, Mississippi

Three sediment samples were collected at three locations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. Low concentrations of several metals were detected, along with several reported low concentrations of SVOCs. One PCB was reported. No VOCs were reported.

There is no indication of a potential release in the area of the Omega Protein facility due to the effects of Hurricane Katrina. None of the reported analytes exceeded human health benchmarks for exposed to contaminants in soil or sediment under a commercial/industrial scenario.

Port Bienville Industrial Park (Polychemie, Inc.) - Pearlington, Mississippi

Two surface soil and three sediment samples were collected at five locations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. Low levels of several metals were detected, along with low levels of ten SVOCs, along with a few VOCs, and pesticides. No PCBs were reported for these samples.

Arsenic and benzo(a)pyrene exceeded PRGs but fell within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. None of the remaining analytes detected in soil or sediment exceeded industrial PRG soil screening levels. There is no indication of a potential release in the area of the Polychemie, Inc. facility, due to the effects of Hurricane Katrina.

Ershigs Fiberglass, Inc. - Biloxi, Mississippi

Three surface soil and two sediment samples were collected at five locations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. Low concentrations of several pesticides and SVOCs were reported. No VOCs or PCBs were reported.

Arsenic exceeded residential PRGs, however all detections were within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. None of the other analytes exceeded residential PRG soil screening values. There does not appear to be indication of a potential release in the area of Ershigs Fiberglass due to the effects of Hurricane Katrina.

Naval Construction Battalion Center - Gulfport, Mississippi

Five sediment samples were collected from the wetland north of this installation. These samples were analyzed for dioxins only. At the request of MDEQ, an additional four sediment samples were collected in November by SESD personnel from an outfall that may have been contaminated from a pre-Katrina event. These samples were analyzed for PCBs only. This data will be released in an addendum to this report when it becomes available.

Acronyms

AOC	Area of Concern
ASBLOQAM	Analytical Support Branch Laboratory Operations and Quality Assurance Manual
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLP	Contract Laboratory Program
DAP	diammonium phosphate
DQO	Data Quality Objectives
EAB	Ecological Assessment Branch
EI	Environmental Indicator
EISOPQAM	Environmental Investigations Standard Operating Procedures and Quality Assurance Manual
EPCRA	Emergency Planning and Community Right-to-Know Act
ESAT	Environmental Services Assistance Team
FCC	First Chemical Corporation
GPRA	Government Performance and Results Act
GPS	Global Positioning System
HSO	Health and Safety Officer
HSWA	Hazardous and Solid Waste Amendments
IDW	Investigation Derived Waste
MDEQ	Mississippi Department of Environmental Quality
MSDS	Material Safety Data Sheet
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAREL	National Air and Radiation Environmental Laboratory
NCBC	Naval Construction Battalion Center
OSC	On-Scene Coordinator
OSWER	Office of Solid Waste and Emergency Response
PCBs	Polychlorinated Biphenyls
POTW	Publicly-Owned Treatment Works
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RALs	removal action levels
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RMP	Risk Management Plan
SESD	Science and Ecosystem Support Division
SOW	Statement Of Work
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TCL/TAL	Target Compound List/Target Analyte List
TIC	Tentatively Identified Compound
UIC	Underground Injection Control
USAF	United States Air Force
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

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1.0 INTRODUCTION

On August 29, 2005, Hurricane Katrina made landfall along the Gulf coast of the southeastern United States, causing unprecedented damage from eastern Louisiana to near Mobile, Alabama, due to the high winds and storm surge. During the week of October 3, 2005, the USEPA Region 4, Science and Ecosystem Support Division (SESD) collected soil and sediment samples near facilities in the affected areas in Mississippi to determine if flooding from the storm surge released hazardous constituents and materials. The facilities being investigated are located in the storm surge impacted portions of Hancock, Harrison and Jackson Counties in Mississippi. This investigation was requested by the Mississippi Department of Environmental Quality (MDEQ) and the USEPA, Region 4, Waste Management Division.

The *Quality Assurance Project Plan Katrina Response Environmental Soil and Sediment Sampling Gulf Coast of Mississippi* (QAPP, 2005) for the collection of environmental samples in the three county Gulf coastal area of Mississippi was developed by the United States Environmental Protection Agency (US-EPA), Region 4, in accordance with the EPA *Guidance for Quality Assurance Project Plans* (EPA QA/G-5, 1998). The QAPP underwent external peer review by the Science Advisory Board, whose comments were incorporated.

Soil and sediment samples were collected from RMP (Risk Management Plan), Tier II, and TRI (Toxic Release Inventory) facilities in the three counties. In addition, one facility, Naval Construction Battalion Center (NCBC) Gulfport, was selected because the recent flooding may have re-contaminated a partially remediated site. All samples were analyzed for metals (including mercury), volatile organic compounds and semi-volatile organic compounds, including pesticides/PCBs (polychlorinated biphenyls), with the exception of one site (NCBC Gulfport) where some samples were analyzed for dioxins only, and others were analyzed for PCBs only. At the DuPont DeLisle facility, samples were also analyzed for dioxin, in addition to the parameters listed above. Samples from the Chevron Refinery – Pascagoula, First Chemical, and MS Phosphates complex were analyzed using gamma spectroscopy in addition to the parameters listed above. Split samples were offered to each facility.

Where knowledge of site specific analytes was available (such as the NCBC and DuPont DeLisle), the analyte list was tailored for that situation. The analytical results were evaluated to determine if these constituents are present in soils and sediments adjacent to the facilities, indicating a possible release to the environment, which could lead to a more thorough assessment.

1.1 Report Outline

Section 1 provides the introduction to the report and a brief summary of the sites investigated. **Section 2** provides the sampling data quality objectives used to develop the Quality Assurance Project Plan (QAPP) for the investigation. **Section 3** is the investigation management plan detailing the field procedures used during the study. **Section 4** is the sampling design and rationale, including data validation procedures.

Section 5 presents QA/QC procedures used during the investigation. **Section 6** is a summary of the sample data. **Section 7** presents the results of the decision matrix used to evaluate the sampling results. **Section 8** is references. **Appendix A** contains the figures referenced in the report. **Appendix B** contains data summary tables. **Appendix C** contains the laboratory data sheets.

1.2 Background/Site Locations

Figure 1 (**Appendix A**) is an area map indicating the general locations of the facilities investigated. Maps were also prepared showing the locations of the facilities and the proposed sampling locations. See **Figures 2 - 7** in **Appendix A**.

1.3 Site Histories/Status Post Katrina

These facilities were selected by the Waste Management Division because they are located in areas of significant widespread damage, and are RMP, Tier II, or TRI facilities. All have reported damage from the effects of Katrina. One additional facility (NCBC) was included to assess the possibility of re-contamination of a wetland due to the flooding. It should be noted that these facilities may be covered by more than one of these definitions.

Risk Management Plan (RMP) Facilities:

Initial reports from these facilities indicated no visible releases of hazardous constituents beyond their perimeters. However, due to the large amounts of chemicals used and/or manufactured by these facilities, an off-site examination was deemed necessary. The following information was obtained from the South Programs Section, RCRA Programs Branch.

DuPont DeLisle - Pass Christian

The DuPont-DeLisle plant is a titanium dioxide manufacturing operation located on Bay St. Louis, in the community of Pass Christian, Mississippi. The DuPont DeLisle facility operates two identical production lines. Line 1 began production in September 1979, Line 2 production began in October of 1991. DuPont utilizes the Chloride Ilmenite process to extract titanium from ore. A hazardous waste generated on site is a mixture of ferrous and ferric chloride. This waste is characteristic for lead, chromium, and is also considered corrosive. DuPont performs deep well injection onsite through a Underground Injection Control (UIC) permit.

DuPont DeLisle has an operating RCRA Permit for onsite treatment and storage units. The annual quantity of D002/D007/D008 wastes for tank treatment, storage and UIC is listed as 1,500,000 tons per year. On April 13, 2005, DuPont submitted a Class 1 modification package for the RCRA Part B, which proposed the addition of two splitter tanks which would improve the handling of the corrosive waste streams. The modified permit was issued August 10, 2005, and will expire on August 9, 2014.

Because MDEQ is not fully Hazardous and Solid Waste Amendment (HSWA) authorized, the DeLisle plant is under EPA authority for corrective action through the HSWA portion of the permit.

RCRA Facility Investigation (RFI) phase I and II have been conducted at the site, and an approved Corrective Action Groundwater Monitoring Plan is in place to monitor three areas (5 SWMUs) for arsenic, barium, beryllium, manganese, lead, cis-1,2 dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethene, trichloroethene, tetrachloroethene (PCE) and vinyl chloride:

Southeast Waste Management Area for Solid Waste Management Units (SWMUs) 14, 22 & 29;
West Waste Management Area for SWMUs 8 & 28; and
PCE Containment Sump downgradient.

The class of chemicals known as dioxins and furans (polychlorinated dibenzodioxins, and polychlorinated dibenzofurans, PCDD/PCDF) are present at the DuPont-DeLisle facility.

EPA received first communication from DuPont on September 7, 2005. Prior to that email communication, EPA was unable to establish phone or data contact with DuPont-DeLisle. EPA has had follow-up contact with the Environmental Office at DuPont-DeLisle on September 14, 2005. Much of the following information is derived from these exchanges. MDEQ visited the site two days after the Hurricane along with Florida Emergency Responders. The storm surged over the site's levee (~ 20 feet) and the site was under 7 to 9 feet of water. There is significant mud and sediment from Bay St. Louis spread across the site; DuPont reported that they did not believe there is any process material in the sediments. All plant process ditches, sumps and trenches were cleaned prior to the storm and all containment and structures faired well. DuPont has been in contact with MDEQ on Solid Waste issues.

There was nearly 100% retention in the Waste Management area; one small breech at WMU #11 of mostly storm water occurred; this was repaired. There have been no known leaks/releases to the air or water.

Aerial imagery indicates a small area of housing immediately north of the facility. This facility is located in **Figure 2**.

Chevron Refinery – Pascagoula

The Pascagoula Refinery was built in the early 1960's and went into operation in 1963. The Facility is owned by Chevron U.S.A, Inc. and is operated by ChevronTexaco Products Company, a division of Chevron U.S.A., Inc. The Refinery property consists of approximately 3,000 acres. A total of 1,000 acres have been developed industrially. The refinery is ChevronTexaco's largest with a refining capacity of 325,000 barrels per day. An expansion to 360,000 barrels per day was underway when Hurricane Katrina struck the facility.

The facility is completely surrounded by a hurricane dike that has closable gates. The dike was not breeched, however, it was eroded in places and the facility was flooded. This caused a loss of power at the facility which has now been restored. Power was lost to the storm water pumping system and the wastewater treatment system [the units of the wastewater treatment system are HSWA SWMUs]. The wastewater treatment system was restarted about 10 days after the storm. The oil shipping terminal is back in operation, therefore, ChevronTexaco can distribute product which was stored in tanks or arrives by ship. The RCRA regulated units are at one of the highest points in the facility and were not flooded. The tank field was flooded, but there have been no observed releases inside the facility.

The facility also had HSWA corrective action underway in August before the hurricane struck. A removal action at the Wharf Revetment Area in the shipping terminal was completed two days before the hurricane struck and the area was concreted over. First report is that the new, concrete revetment, [as opposed to sandbags] held up well in the storm, thus protecting the area that was excavated. Excavation of contaminated soil in the tank field was completed just before the storm struck and the Oily Dirt Pile SWMU 80 was removed as well. A total of 38 roll off containers of removed soil were stored on the East Hill [near the regulated units], one of the highest areas in the facility, and were not affected by the storm surge. The HSWA corrective action scheduled at the North Canal [part of the storm water system] had not yet begun, and will have to be delayed. ChevronTexaco's large [140 acre, 200 million gallon] hurricane surge lagoon was overtopped [incoming] by the storm surge, but the dike held and there was no apparent release to the adjacent Grand Bay National Wildlife Refuge and the National Estuarine Research Reserve [NERR]. However, the large lagoon took on salt water from the surge, which may affect the freshwater wildlife in the lagoon. The lagoon has been characterized as an 'attractive nuisance' for wildlife and is the subject of an ongoing Ecological Risk Assessment. Overall, the flooding was not as bad at the facility as Hurricane George in 1998.

No adjacent housing areas were located on the aerial imagery. This facility is located in **Figure 3**.

First Chemical Corporation – Pascagoula

First Chemical Corporation (FCC) has operated since 1967, manufacturing numerous and sundry chemicals. A 1988 RFA identified approximately 30 SWMUs and Areas of Concern (AOCs). The recently completed RCRA Facility Assessment (RFA) expanded that number to greater than 65. FCC has conducted several investigations at the facility over the years, with the most recent study being completed in 2004. First Chemical was purchased in 2002 by DuPont, and it is operated as a wholly owned subsidiary.

Shallow groundwater at the site (<15 ft bgs) has been impacted by various contaminants; predominantly aniline, benzene, nitrobenzene, and toluene. The primary sources of groundwater contamination are a former wastewater treatment pond (Pond 3) and associated former effluent ditch. Miscellaneous leaks and minor releases have also

contributed. The facility has monitoring and recovery systems in place, and they are designing enhancements to the groundwater recovery system. The design should be completed in early 2006, with installation possibly completed within 2006.

Hurricane Katrina Impacts

The facility did not suffer heavy damage, and there were no reported releases. Two tanks were damaged, but the contents are being transferred to temporary storage tanks. The facility will be out of operation for perhaps several weeks. A Publicly-Owned Treatment Works (POTW) to which the facility pipes its partially treated effluent was damaged, however, and it may be out of commission for "months". The facility will require some means of disposing of its wastewater if the POTW is not online by the time FCC is ready to go live.

No adjacent housing areas were located on the aerial imagery. This facility is located in **Figure 3**.

Toxic Release Inventory (TRI) Facilities:

The following information is derived from the TRI website (http://www.epa.gov/tri/): The Toxics Release Inventory (TRI) is a publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Information about these facilities is limited, but incidents are known to have occurred due to the effects of Hurricane Katrina. Region 4 On-Scene Coordinators (OSCs) have responded to incidents at the following facilities:

Omega Protein – Moss Point

No adjacent housing areas were located on the aerial imagery. This facility is located in **Figure 4**.

Port Bienville Industrial Park (Polychemie, Inc.) – Pearlington

No adjacent housing areas were located on the aerial imagery. This facility is located in **Figure 5**.

Ershigs Fiberglass – Biloxi

Housing was noted to the northwest, west and south in the aerial imagery. This facility is located in **Figure 6**.

Tier II Facility:

The Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) has a requirement for facilities exceeding the EPCRA Chemicals and Reporting Thresholds specified in Sections 311/312 of the Act to submit a Tier II form. Tier II forms require basic facility identification information, employee contact information for both emergencies and non-emergencies, and information about chemicals stored or used at the facility:

- The chemical name or the common name as indicated on the Material Safety Data Sheet (MSDS);
- An estimate of the maximum amount of the chemical present at any time during the preceding calendar year and the average daily amount;
- A brief description of the manner of storage of the chemical;
- The location of the chemical at the facility; and
- An indication of whether the owner of the facility elects to withhold location information from disclosure to the public.

Mississippi Phosphates – Pascagoula

Mississippi Phosphates Corporation is located at 601 Highway 611 Pascagoula, MS and employs approximately 220 people. More than 900,000 tons of diammonium phosphate (DAP) are produced at the complex each year. Nearly two-thirds of this product is exported, mainly to China and India. Mississippi Phosphates Corporation is a member of the Phosphate Chemical Export Association, Inc., (PhosChem) which handles the export sales of the company's DAP. Its deep-water port facility on the Gulf of Mexico allows Mississippi Phosphates to load ships for export directly from the plant site. MS Phosphates imports phosphate rock from the country of Morocco.

Data from Region 4 OSCs indicates a leak of anhydrous ammonia from an above ground storage tank. This is a large facility that had the potential to release hazardous constituents beyond its' operational perimeter.

No adjacent housing areas were located on the aerial imagery. This facility is located in **Figure 3**.

Naval Construction Battalion Center:

Naval Construction Battalion Center (NCBC) – Gulfport. NCBC Gulfport is located in the western part of the City of Gulfport, in Harrison County, Mississippi, approximately two miles north of the Gulf of Mexico. The off-base Area of Concern (AOC) is located immediately downgradient (north) of Outfall 3.

The source area of dioxin contamination for the off-base AOC is the Herbicide Orange Storage Area, designated as Site 8, at NCBC Gulfport. Between 1968 and 1977, Site 8 was used by the United States Air Force (USAF) as a storage area for drums containing the herbicide Agent Orange, also known as Herbicide Orange, prior to being shipped to Vietnam. Occasional spills and drum ruptures occurred during storage and

handling of the Herbicide Orange. Dioxin migration has occurred primarily through erosion of dioxin-contaminated soil and sediment from Site 8 and its transport downstream via ditches and canals to a small wetland area at Turkey Creek. This wetland was in the process of being cleaned up (80% completion) when Katrina occurred, and there is a possibility that flooding may re-contaminated the remediated area.

Four sediment samples were collected by SESD in November from an outfall that may have been contaminated with PCBs prior to the Katrina event.

Housing is located immediately adjacent to the wetland. This facility is located in **Figure 7**.

2.0 SAMPLING/DATA QUALITY OBJECTIVES

2.1 Data Quality Objectives

The Data Quality Objectives (DQO) process for Superfund was used in developing the QAPP, in accordance with the Guidance for the DQO Process (EPA QA/G-4, 2000). DQOs are useful in identifying the study objectives and decisions to be made and the criteria by which the data will be assessed. These data are then used for decision making.

DQOs were established prior to data collection and integrated with the project planning process so that sufficient data of known quality are collected to support sound decision making. DQOs are developed using an interactive approach to decision-making based on detailed EPA guidance. The steps are:

- Problem statement
- Identify the decisions
- Identify the inputs into the decision
- Define the boundaries of the study
- Develop decision rules
- Specify tolerable limits on decision errors
- Optimize the design for obtaining data

2.1.1 Problem Statement

The initial step in the DQO process is to define the problem so that the focus of the investigation will be clear. During the landfall of Hurricane Katrina, a massive storm surge flooded extensive portions of Hancock, Harrison and Jackson Counties in the Gulf Coast of Mississippi. Within this area are located many hazardous waste facilities. It was not known what effect, if any, the storm surge had on these facilities and the surrounding areas, with respect to release and dispersion of hazardous materials and chemicals, particularly to residential settings and sediment. The facilities selected for this investigation have had indications of a potential release to surrounding soils, or conditions prior to Katrina make a release to surrounding soils or sediment possible. The problem is identifying these potential releases to surrounding soils and sediments. It must be strongly emphasized that this investigation is not intended to provide a comprehensive assessment of potential releases beyond the operational perimeters of these facilities. Rather, it is intended to provide a first look at these areas post-Katrina.

2.1.2 Identify the Decision

The purpose of this DQO step is to identify the decisions that must be supported with the collected data. This helped to define the objectives of the field investigation. The decision needed was to determine what areas of the Mississippi Gulf Coast, in immediate proximity to the hazardous waste facilities, may be the site of a potential

release of hazardous materials to surrounding soils and\or sediments. SESD prepared this report detailing the results of the investigation to provide the supporting data for these decisions.

2.1.3 Decision Inputs

This step is used to identify the information needed to support the decisions. The primary inputs needed to support the decisions are surface soil and sediment samples. Analytical results used in this decision making process were definitive laboratory data, obtained from analysis by a contract laboratory obtained through the EPA's Contract Laboratory Program (CLP lab). All samples were analyzed for metals (including mercury), volatile organic compounds and semi-volatile organic compounds, including pesticides and PCBs, with the exception of samples from NCBC Gulfport where samples were analyzed for PCBs or dioxins only. Samples from the DuPont DeLisle facility were analyzed for dioxins in addition to these parameters. Samples from the Chevron Refinery – Pascagoula, First Chemical, and MS Phosphates complex were also analyzed using gamma spectroscopy in addition to the parameters listed above.

Surface soil samples were composites comprised of soil from the 0" to 3" interval at each aliquot location. The sample for volatile organic compounds was collected from the centermost aliquot. Sediment samples were collected from ditches or other surface water conveyances as grab samples in the vicinity of each site to determine if releases occurred via these pathways.

2.1.4 Study Boundaries

The purpose of this step is to identify the boundaries of the study. The media of interest was surface soils and sediments adjacent to the selected RMP, Tier II and TRI facilities, as well as the wetland north of NCBC Gulfport. The study boundaries are defined below.

Study Area – The study area was the portions of Hancock, Harrison and Jackson counties flooded by the storm surge associated with Hurricane Katrina. Within the larger study area are the selected facilities. For each of the identified sites, the area to be investigated consisted of soils and/or sediments near the facility (but outside the perimeter), including ditches or storm water conveyances that were present.

Sample Depth – Soil samples were collected from 0" to 3" below ground surface depth. Samples collected from ditches were from a similar interval.

Temporal Boundaries –The field investigation was conducted the week of October 3, 2005. All efforts were made to obtain the quickest possible turnaround times on the analytical results (consistent with good laboratory practices) to expedite decision making.

Physical Boundaries - No sampling was conducted beneath any concrete or asphalt paved areas or from under any structures. Also, no samples were collected in the immediate vicinity of any downed power lines or under any unstable structures that may have posed a collapse hazard to the sampling team. Several sample locations were moved varying distances from the original proposed locations due to on-site conditions (see **Table 1** in **Appendix B** for a description and rationale of sample boundaries).

2.1.5 Decision Rule

The Technical Services Section in the Superfund Remedial and Technical Services Branch has prepared a decision matrix to be used in determining if a potential release has occurred (**Appendix C**). The results of this matrix evaluation are found in **Section 7.0** of this report.

2.1.6 Error Limits

Because of inherent variability introduced through sample collection, mixing, storage, transportation, and analysis, it is important to specify the acceptable decision error rates. Decision errors were reduced by using standard, published protocols for sampling and analytical procedures. Sampling protocols followed the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM) while analytical procedures followed the current CLP Statement of Work (SOW), the regional SOW for dioxins, and the NAREL (National Air and Radiation Environmental Laboratory) GAM-01 for gamma spectroscopy.

2.1.7 Optimize Sampling Design

The final step in the DQO process is the development of a sampling design that takes into account data needs, key decisions, and environmental variables, such as physical and site constraints, and how the spatial and temporal boundaries of the contamination and population at risk will be identified. The work plan, as included in the QAPP, was developed based on the integration of aerial imagery of the affected areas (pre-Katrina) and the EPA facility registry. Due to the time-critical nature of the investigation, a reconnaissance of each area was not practical or possible. As such, each sample team approached each site with generic protocols for sampling. As stated in **Section 3.3**, up to 5 samples were collected adjacent to each facility. Sediment samples were also collected from ditches or other conveyances that left the property. It must be noted that the proposed sample locations were selected using 1:24,000 topographic maps and quarter-quad digital orthographic quads. These maps were the most current available, but are still several years old. In addition, they may be inaccurate by as much as 20’ to 40’.

Samples were collected on an authoritative basis, from areas deemed most likely to be impacted. Specifically, soils were sampled adjacent to facility perimeters and sediment samples from drainage pathways. Sampling locations are presented in **Table 1** of **Appendix B**.

DuPont DeLisle, see **Figure 8**

Two grab sediment samples were collected from ditches draining the facility to St. Louis Bay. Three additional composite surface soil samples were collected between the facility and a residential area immediately north of the facility.

Chevron Refinery – Pascagoula, First Chemical Corporation, and Mississippi Phosphates, see **Figure 9**

Because these selected facilities are adjacent to each other, sampling occurred around these facilities as a unit. Grab sediment samples were collected from ditches draining to Bayou Cassotte, Bangs Lake, and the Gulf of Mexico. In addition, composite surface soil samples were collected north and south of the facility complex. Finally, this report includes data from two sediment sampling stations established in Bayou Cassotte by the Ecological Assessment Branch (EAB), *Water Quality Studies of Bays in Coastal Mississippi* (EPA 2005), the week prior to this investigation.

Omega Protein, see **Figure 10**

Three grab sediment samples were collected from the north bank of the Escatawpa River, two at the facility and one downgradient. No upland soil samples are proposed for this facility because Morton International (which was not listed for sampling in this effort) is immediately north. In addition, this report contains data from a sediment sampling station established by EAB the week prior to this investigation in the Escatawpa River downstream of Omega Protein.

Port Bienville Industrial Park (Polychemie, Inc.), see **Figure 11**

Grab sediment samples were collected at the three indicated locations to determine if a potential release to the waterway occurred as the storm surge receded. Two composite surface soil samples were collected at the indicated locations to determine if contaminants may have moved further inland from the facility on the rising flood waters.

Ershigs Fiberglass, see **Figure 12**

Four composite surface soil samples were collected as shown, to determine if contaminants may have been deposited between the facility and nearby housing. An additional grab sediment sample was collected from a small inlet draining to Biloxi Bay.

Naval Construction Battalion Center (NCBC) Gulfport, see **Figure 13**

Five grab sediment samples were collected as shown, to determine if the wetland may have become re-contaminated during the storm surge. These samples were recollected by SESD in November due to problems with the sample analysis. At the same time four sediment samples were collected from an NCBC outfall that may have been contaminated with PCBs from an earlier, non-Katrina related incident.

3.0 INVESTIGATION MANAGEMENT PLAN

3.1 Field Project Responsibilities

The overall field investigation/sampling phase of the project and any field decisions were the responsibility of the Field Project Leader who was responsible for the following field activities:

- Ensure that all field activities were communicated and coordinated with the Project Leader.
- Monitoring overall field project quality control.
- Coordinating field scheduling of work with other Section and Division activities.
- Overseeing and managing field technical resources including non-sampling field activities.

The site Health and Safety Officer (HSO) was responsible for monitoring the health and safety of the sampling/investigative personnel. In addition to the Field Project Officer and HSO, five other staff persons were involved in the field operations for the investigation. All field investigators are required to have 40 hours of hazardous waste site safety training, and specific knowledge and expertise of sample collection and safety techniques in accordance with the Region 4 EPA *Environmental Investigations Standard Operating Procedures and Quality Assurance Manual* (EISOPQAM), November 2001.

3.2 Site Control and Access

Access arrangements for RMP facilities were made by Lael Butler, Chief, South Programs Section, RCRA Programs Branch. Access arrangements for TRI and Tier II facilities were made by Fred Sloan. Access to the NCBC was arranged by Michelle Thornton.

3.3 Sample Collection and Handling Procedures

All samples were collected, containerized, preserved, handled, and documented in accordance with the EISOPQAM. A copy of the manual, in addition to the site-specific Health and Safety Plan, was maintained by the field project leader for reference during all phases of the field sampling activities.

The surface soil samples were collected as composite samples, with the number of aliquots and pattern determined by the site conditions, using stainless steel hand augers. The pattern size was appropriate to characterize the area in question. The central aliquot location for each sample was located using GPS to at least one meter accuracy. Each aliquot was comprised of the 0” to 3” below ground surface interval. All grass, roots and other vegetative material, as well as small rocks or stones, were removed from the sample

matrix during sample mixing, prior to containerization. It should be noted that sediment deposited by the storm surge was present in the collected samples.

Sediment samples were collected using stainless steel scoops, stainless steel spoons and/or stainless steel hand augers.

Soil samples were collected as described in **Section 2.1.7**, using hand augers, spoons, or scoops as appropriate, and the aliquots were thoroughly mixed in glass pans. Samples for volatile organic compound analyses were collected prior to mixing with minimum disturbance from the central aliquot in Encore® sample containers using EPA Method 5035. After mixing, the samples were placed in the appropriate containers and placed on ice, as specified in Appendix A of the Region 4 EISOPQAM.

3.4 Sample Analysis and Validation

All samples were analyzed for metals, volatiles, semi-volatiles, pesticides and PCBs, in accordance with the current Contract Laboratory Program Statement of Work, again with the exception of the NCBC Gulfport facility where samples were analyzed for dioxins or PCBs only. Samples from the DuPont DeLisle facility were analyzed for dioxins in addition to these parameters. Samples from the Chevron Refinery – Pascagoula, First Chemical, and MS Phosphates complex were also analyzed for Radium-226 and radionuclides using gamma spectroscopy in addition to the parameters listed above.

By using sampling procedures as outlined in the Region 4 EISOPQAM errors introduced in the decision making process were minimized.

3.5 Chain of Custody

All chain-of-custody and record keeping procedures were in accordance with the EISOPQAM. Chain-of-custody procedures are comprised of the following elements; 1) maintaining sample custody and 2) documentation of samples for evidence.

As defined in the EISOPQAM, a sample or other physical evidence is in custody if:

- it is in the actual possession of an investigator;
- it is in the view of an investigator, after being in their physical possession;
- it was in the physical possession of an investigator and then it was secured to prevent tampering; and/or
- it is placed in a designated secure area.

3.5.1 Sample Labels

Sample labels were prepared and affixed to each sample container sent to the CLP laboratory. The labels were prepared using waterproof, non-erasable ink as specified in Section 3 of the EISOPQAM.

3.5.2 Sample Custody Seals

The samples were sealed as soon as possible following collection as specified in the EISOPQAM. The custody seal bears the date and the initials of the sample custodian at the time it was sealed.

3.5.3 Chain-of-Custody Record

The field Chain-Of-Custody Record is used to record the custody of all samples sent to the laboratory. All of these samples were accompanied by a Chain-Of-Custody Record. The Chain-Of-Custody Record documents transfer of custody of samples from the sampler/sample custodian to another person, the laboratory, or other organizational elements. To simplify the Chain-of-Custody Record and eliminate potential litigation problems, as few people as possible should have custody of the samples or physical evidence during the investigation.

The Chain-Of-Custody Record also serves as a sample logging mechanism for the laboratory sample custodian. A Chain-of-Custody Record was completed for all samples collected for this investigation. A separate Chain-of-Custody Record was used for each final destination or laboratory utilized during the investigation.

For samples split with a facility, a Receipt for Sample form was completed and signed.

3.6 Station and Sample Identification

Sample identification numbers were assigned using the following format:

XXX##YYZ, where:

XXX is an identifier for the RMP, Tier 2, TRI, or NCBC facility
indicates surface soil (SF) or sediment SD
YY indicates the sample location number, i.e., 01 for the facility location
Z identifies splits or duplicates: “S” is split; “D” is duplicate

A split sample is a sample comprised of two samples, the primary sample and the designated split sample, that are collected from the same sample material that has been homogenized in a glass pan prior to filling of the sample containers. Assuming a well mixed sample, a split helps evaluate both the field and laboratory procedures. A

duplicate sample is a co-located sample, usually collected less than six inches from the primary sample at a location and is collected to show variability of the matrix sampled.

3.7 Site Mapping

The locations of all samples were logged using a GPS unit capable of one meter accuracy, as specified in **Section 2.1.7**.

3.8 Investigation Derived Waste (IDW)

The following identifies types of non-hazardous IDW that were generated during the investigation and their disposition:

- Gloves, paper towels, and other miscellaneous trash generated during the investigation were bagged and placed in a dumpster for disposal at a Class D landfill. It is not anticipated that this material will constitute a significant threat to human health and the environment.

3.9 Sample Containers

Sample containers were obtained from the SESD Field Equipment Center in Athens, Georgia. These containers complied with the requirements specified in Appendix A of the EISOPQAM. **Table 2** (**Appendix B**) lists the container types and numbers used.

It should be noted that time constraints did not allow for the normal QA/QC checks for these pre-cleaned sample containers as specified in the EISOPQAM.

3.10 Investigation Schedule

The field investigation began October 3, 2005, and ended October 7, 2005. During the investigation SESD:

- Collected soil and sediment samples from the identified properties within the area affected by the Katrina storm surge.

- Collected location data for sampling points using GPS techniques (**Section 3.7**).

- Collected and properly disposed non-hazardous IDW.

4.0 SAMPLING DESIGN AND RATIONALE

Surface soil and sediment samples were collected during this field investigation.

4.1 Sampling Design

Seven RMP, Tier II, and TRI facilities were selected for this investigation. In addition, one superfund site that had the potential to re-contaminant a remediated portion of the site was also selected. Three to eight sampling stations were selected for each site (or complex of sites). These sampling stations were selected to provide preliminary information on potential releases to soils and sediments beyond the perimeters of the facilities.

4.2 Data Validation/Usability

Analyses for metals, Volatile Organic Compounds (VOCs), semivolatiles, pesticides and PCBs were performed by CLP laboratories. This data was validated according to the National Functional Guidelines for Organic Data Review, Office of Solid Waste and Emergency Response (OSWER) 9240.1-05-A-P (October 1999), the National Functional Guidelines for Inorganic Data Review, OSWER 9240.1-45 (October 2004) and Region 4's Data Validation Standard Operating Procedures for Contract Laboratory Program Routine Analytical Services, Revision 2.0 (January 1999).

The dioxin/furan analyses were performed by a laboratory contracted to EPA. Validation of the dioxin data will be performed by ESAT, using the National Functional Guidelines for Dioxin Data Review, OSWER540-R-02-003 (August 2002) and Region 4's Data Validation Standard Operating Procedures for Dioxin Data Version 3.0 (May 2002) documents. The dioxin data will consist of a Level 4 - CLP type data package that contains the Chain-of-Custody paperwork, instrument raw data, initial and/or continuing calibration data/curves, bench sheets/sample preparation information, QA/QC data/information, and case narrative detailing any problems associated with this data.

The gamma spectroscopy analyses were performed by the National Air and Radiation Environmental Laboratory (NAREL), using method NAREL GAM-01.

Review and validation of all data (including screening data) from samples collected during this investigation was completed in an expeditious manner, utilizing quick turnaround times consistent with good laboratory practices.

4.3 Data Management/Document Control

Project files will be maintained in accordance to the EISOPQAM. The field project leader will review the file at the conclusion of the project to ensure completeness. Laboratory data was released to the Chief, Technical Services Section as it became available.

5.0 QUALITY ASSURANCE

Quality assurance (QA) procedures must begin in the planning stage and continue through sample collection, analyses, reporting and final review. The methods that were used to ensure data quality are discussed below.

5.1 Organization and Responsibilities

The field project leader has overall responsibility for field QA. Off-site laboratory analyses for samples collected during the investigation were conducted by the CLP. The precision, comparability and accuracy of sample analyses were addressed in accordance with the Analytical Support Branch laboratory Operations and Quality Assurance Manual (ASBLOQAM).

5.2 Field QA/QC Samples

5.2.1 Matrix Spike/Matrix Spike Duplicate

Samples for laboratory quality control analyses matrix spike/matrix spike duplicate (MS/MSD), were designated as specified in the EISOPQAM. One MS/MSD sample was designated for every 20 samples split to the CLP laboratory, two total for this investigation.

5.2.2 Population Variability - Duplicate Samples

Co-located duplicate samples were collected to provide data for an assessment of the variability of constituents within the designated areas. Following collection of the initial sample that is to be duplicated, the sample was re-collected with clean equipment. The letter 'D' was appended to the sample ID used for the primary sample at the duplicated location for the duplicate containers being sent to the laboratory (see **Section 3.6**). One duplicate sample was collected per site or complex of sites. The data is located in the Data Summary Tables in **Appendix B**. There is not enough data for a valid statistical interpretation of this data, but examining the data indicates that some heterogeneity is present in these samples. This is likely a result of the samples being to some extent a mixture of pre-Katrina soil and sediment deposited post-Katrina. To answer this definitively is beyond the scope of this investigation. However, as seen below, the results of the split sampling indicate that this may be the case.

5.2.3 Sample Handling - On-Site Splits

Split samples were collected to assess sample handling variability. Following collection and mixing of the sample that was to be split, the sample was apportioned into two identical sets of sample containers. The letter 'S' was appended to the sample ID

used for the primary sample to indicate the split sample being sent to the laboratory (see **Section 3.6**). One split sample was to be collected per site, or complex of sites, two were inadvertently not collected. The data is located in the Data Summary Tables in **Appendix B**. As with the duplicate samples discussed above, there is not sufficient data for a valid statistical interpretation of this data. However, examining the data indicates that samples were properly mixed in the field, providing a homogenous sample for lab analysis. Again, a definitive answer is beyond the scope of this investigation.

5.2.4 Trip Blanks

Four trip blanks were collected during this investigation. Trip blanks provide a check on the handling of soil samples collected for volatile organic compounds (VOCs) analyses. The results are shown in **Table 8**, **Appendix B**. Low levels (11 to 17 ug/kg) of acetone were reported in three of the four blanks. Acetone is a common laboratory contaminant.

6.0 INVESTIGATION RESULTS

The field investigation teams noted a layer of what appeared to be newly deposited sediment at the various sampling locations. This was apparently a result of the Katrina storm surge, but a factual determination of this was beyond the scope of this investigation. Visual estimates of the thickness of this layer of material ranged from 0" to approximately 2", and was generally less than ¼". Where present, this material was included in the samples collected.

The following sections summarize the results of analysis of samples collected at the facilities or sites selected for the Post-Katrina soil/sediment investigation. **Figures 8** through **13**, contained in **Appendix A** of this document, show the locations of these samples. The analytical data summary tables provided for each facility or site are comprised of only the compounds or analytes that were detected (**Appendix B**). The complete data, included in **Appendix C** of this report, contain the detected compounds as well as those analyzed for but not detected, with the minimum quantitation limits for the undetected compounds and analytes. **Appendix C** also contains analytical data for tentatively identified compounds (TICs), unknown compounds, and petroleum products, where these were detected.

The following is a list of data qualifiers used in the analytical data summary tables accompanying the presentation of the investigation results.

U	*Analyte not detected at or above reporting limit.*
J	*Identification of analyte is acceptable; reported value is an estimate.*
N	*Presumptive evidence analyte is present; analyte reported as tentative identification.*
UJ	*Analyte not detected at or above reporting limit. Reporting limit is an estimate.*
NJ	*Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.*
R	*Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.*
A	*Analyte analyzed in replicate. Reported value is "average" of replicates.*
/2	*constituents or metabolites of technical chlordane.*

6.1 DuPont - DeLisle

Three surface soil and two sediment samples were collected at five locations, as shown on **Figure 8**. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, metals, and dioxins. **Table 3** in **Appendix B** summarizes the results of analysis of these samples. **Appendix C** contains the data sheets with all results, including tentatively identified compounds (TICs) and quantitation limits for analytes that were not detected.

A small diesel fuel spill was noted in the area of sample DU-SD-02 by the sampling team.

6.2 Chevron – Pascagoula, First Chemical, Mississippi Phosphates

Three surface soil and seven sediment samples were collected at ten locations, as shown on **Figure 9**. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, metals, and radionuclides (samples BC2 and BC4 were collected as part of another investigation, no radionuclide analyses were performed on these samples). **Table 4** in **Appendix B** summarizes the results of analysis of these samples. **Appendix C** contains the data sheets with all results, including tentatively identified compounds (TICs) and quantitation limits for analytes that were not detected.

6.3 Omega Protein

Three sediment samples were collected at three locations, as shown on **Figure 10**. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. **Table 5** in **Appendix B** summarizes the results of analysis of these samples. **Appendix C** contains the data sheets with all results, including tentatively identified compounds (TICs) and quantitation limits for analytes that were not detected.

6.4 Port Bienville Industrial Park (Polychemie, Inc.)

Two surface soil and three sediment samples were collected at five locations, as shown on **Figure 11**. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. **Table 6** in **Appendix B** summarizes the results of analysis of these samples. **Appendix C** contains the data sheets with all results, including tentatively identified compounds (TICs) and quantitation limits for analytes that were not detected.

6.5 Ershigs Fiberglass, Inc.

Three surface soil and two sediment samples were collected at five locations, as shown on **Figure 12**. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. **Table 7** in **Appendix B** summarizes the results of analysis of these samples. **Appendix C** contains the data sheets with all results, including tentatively identified compounds (TICs) and quantitation limits for analytes that were not detected.

6.6 Naval Construction Battalion Center

Five sediment samples were collected at the locations indicated on **Figure 13**. These samples were analyzed for dioxins only. An additional four sediment samples were collected in November from an outfall that may have been contaminated from a pre-Katrina event. These samples were analyzed for PCBs only. This data will be released in an addendum to this report when it is available.

7.0 IMPACT EVALUATION

The Technical Services Section (TSS) of the Superfund Remedial and Technical Services Branch has reviewed the data for these sites, in consultation with the Regional programs. TSS has made a preliminary assessment regarding whether surface soil or sediments may have been adversely impacted by the Katrina storm surge. In particular, TSS was asked to evaluate whether there are any significant post-Katrina impacts from potential releases of hazardous substances. The question is whether or not potential releases of hazardous substances may have occurred or (in the case of NCBC) whether known environmental contamination associated with the sites has been re-distributed. It must be understood however, that a definitive attribution to sites cannot be made, nor can this study determine if observed contaminants are present due to the effects of Katrina, or were present prior to Katrina.

Evaluating the sampling data to determine if there was an off-site impact from Hurricane Katrina posed a challenge due to the scarcity of pre-existing sampling data and supporting information that could be used for data interpretation. EPA's conclusions regarding the potential impact of the hurricane on these sites are based on a comparison of post-hurricane data to available past sample data collected during facility investigations or routine monitoring activities. In addition, the results were compared to EPA Region 9 Preliminary Remediation Goals (PRGs) to determine if conditions at the sites might represent previously unrecognized risks to human health and the environment. EPA Region 9 PRGs (available at: http://www.epa.gov/region9/waste/sfund/prg/index.html) are conservative risk-based concentrations based on long-term exposures in either a residential or commercial/industrial setting. They are considered by EPA to be protective for people (including sensitive groups) over a lifetime. The PRGs are not clean up standards, but used to assist EPA scientists and others in initial screening-level evaluations of environmental measurements.

The scope of the investigations at each site and the conclusions that were reached regarding releases or impacts from Hurricane Katrina are presented in the following site summaries. For the Risk Management Plan (RMP), Toxic Release Inventory (TRI) and Tier II Emergency Planning and Community Right-to-Know Act (EPCRA) facilities, PRGs based on an industrial/commercial exposure situation were utilized, except in the case where samples were taken in the vicinity of residential development; in which case residential PRG soil screening values were used.

A typical background level for PAHs was based on a value of 45 mg/kg that EPA Region 4 considers representative of anthropogenic urban background based on a compilation of literature sources. For further comparison, **Figure 14** (**Appendix A**) shows urban background ranges of carcinogenic PAHs from a number of literature sources.

Sediments were screened against soil benchmarks because no similar benchmarks existed for sediments. Region 4 normally considers long-term human exposure to sediments that are underwater to be minimal due to limited opportunity for frequent contact of significant duration. Several samples contained unidentified organic

compounds reported by the laboratory. Because the identities of the compounds are not known, they could not be screened against levels protective of human health.

7.1 DuPont DeLisle - Pass Christian, Mississippi

The samples for dioxin analysis were recollected due to uncertainties with the quality of the data from the original laboratory. This data will be issued as an addendum when it becomes available.

7.1.1 Results

Soils

Aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, vanadium, and zinc were detected in the soil samples collected from the DuPont DeLisle facility from the dirt road and ditch. No semi-volatile organic compounds or PCBs were detected in soils collected from the DuPont DeLisle facility. Acetone was detected in several samples. Acetone is a common laboratory contaminant, and detections of low levels such as this one are not indicative of a release. Low levels of the pesticides DDD, alpha-chlordane, dieldrin, endrin ketone, and methoxychlor were also in these samples.

Sediments

Aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, thallium, vanadium, and zinc were detected in sediments collected from the DuPont DeLisle facility. No PCBs were detected in these samples. A few organic compounds were detected in sediments collected from depositional areas outside the facility (see discussion below).

7.1.2 Discussion

No detected metals exceeded industrial PRGs. Samples in the vicinity of residential development did not exceed residential soil screening values (PRGs). Facility specific background data was available for the metals arsenic, lead, and chromium. The detected concentrations of lead were slightly above the facility specific background value (8.7 mg/kg) taken prior to hurricane Katrina. Of the three samples the maximum value for lead in soil was 26 mg/kg. The maximum concentration was measured at sample location DU-SF-04, lower than previously detected. The maximum detected concentration of lead was below the preliminary remedial goal for industrial exposure of 800 mg/kg.

Concentrations of Metals Detected in Soils Compared to Site-Specific Background		
Chemical	Maximum Detected Concentration, mg/kg	Site-Specific Background Prior to Katrina, mg/kg
Arsenic	1.5	7.4
Lead	26J	8.7
Chromium	11	36.5

Sediments were screened against soil benchmarks because no similar benchmarks exist for sediments. Region 4 normally considers long-term human exposure to sediments that are underwater to be minimal. The sediments in question are in a depositional area. They are not in an area where people are likely to come in contact with the sediments.

A few organic compounds were detected in sample DU-SD-02, which was collected in a depositional area outside the facility. 1,1-Biphenyl was detected at 1100 ug/kg, 2-methylnaphthalene was detected at 4100 ug/kg, naphthalene was detected at 1100 ug/kg, phenanthrene was detected at 1200 ug/kg, anthracene was detected at 110 ug/kg, and pyrene was detected at 130 ug/kg. None of the values were considered elevated with respect to protection of human health. Three of the chemicals (1,1-biphenyl, naphthalene, and 2-methylnaphthalene) are volatile chemicals that are not expected to persist in the environment for long periods of time. These chemicals degrade rapidly in the environment and are not of concern for long-term exposure to people. None of the concentrations were greater than anthropogenic background EPA Region 4 considers typical of industrial/urban areas.

7.1.3 Conclusion

From a comparison with sampling conducted pre-hurricane Katrina there is no clear and consistent pattern of increased contamination levels that would clearly indicate a potential release in the area of the DuPont DeLisle facility due to the effects of Hurricane Katrina. None of the reported analytes exceeded risk-based soil screening benchmarks for an industrial exposure scenario, or residential PRGs in the vicinity of residential development northeast of the facility.

7.2 Chevron Pascagoula, First Chemical, Mississippi Phosphate - Pascagoula, Mississippi

7.2.1 Results

Soils

Aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc were detected in the soil samples. Low levels of pesticides heptachlor epoxide and methoxychlor were also detected at in soil samples. No VOCs, SVOCs or PCBs were reported. Samples were collected and analyzed for radionuclides. The primary radionuclide of concern is Radium 226 (Ra 226).

Sediments

Aluminum, arsenic, barium, beryllium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, vanadium, and zinc were detected in sediment samples. Acetone and toluene were detected at low levels in

two samples. Acetone and toluene are common laboratory contaminants, and detections of low levels such as these are not indicative of a release. Low levels of the pesticides DDE, gamma chlordane, heptachlor epoxide, and methoxychlor were also detected in sediment samples. No PCBs were reported. Samples were collected and analyzed for radionuclides. The primary radionuclide of concern is Ra226.

7.2.2 Discussion

There were no levels for Ra226 or any other radionuclide that exceeded expected background levels. From the data reported there were no levels that indicated a potential release of radioactive contamination.

Sediments were screened against industrial PRGs. Region 4 normally considers long-term human exposure to sediments that are under water to be minimal. The sediments in question are in ditches that serve the storm water drainage and outfall areas of the sampled facilities. They are not in areas where people are likely to come in contact with the sediments. The maximum detection of total chromium (95 mg/kg) at sample CFM-SD-05 exceeded the industrial PRG (64 mg/kg) but was below the 1E-05 (1 in 100,000) risk level (640 mg/kg). The maximum detected level of arsenic at sample CFM-SD-06 (10 mg/kg) was above the industrial PRG (1.6 mg/kg) but below the in 1E-05 risk level (100 mg/kg). Both chromium and arsenic concentrations fell within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. None of the remaining analytes detected in soil or sediment exceeded industrial PRG soil screening levels.

Baseline data collected prior to hurricane Katrina was available, including recent sediment data from Bayou Cassotte, sediment samples from the wetlands south of the Chevron Pascagoula operational area, and recent sediment sampling data from outfall areas of the Mississippi Phosphates Corp.

Facility specific background data was available for the metals aluminum, arsenic, barium, beryllium, calcium, chromium, cobalt, iron, lead, magnesium, manganese, nickel, potassium, selenium and vanadium. Sediment sampling from Bayou Cassotte also included the metals antimony, cadmium, copper, silver, sodium, thallium, mercury and zinc in addition to the facility-specific metals data. Sediment and soil data were compared to relevant baseline data. Data that exceeded baseline sampling are shown below:

Metals Detected in Sediment/Soils Exceeding Site-Specific Background			
Chemical	Maximum detected concentration, mg/kg	Location	Site-Specific Background Prior to Katrina, mg/kg
Aluminum	16000	CFM-SD-06	8200 (Bayou Cassotte)
Beryllium	1.3	CFM-SD-06	1.1 (Chevron)
Calcium	43000	CFM-SD-06	7400 (Bayou Cassotte)
Chromium	95	CFM-SD-05	29 (Chevron)
Cobalt	14	CFM-SD-06	8.7 (Chevron)
Lead	63	CFM-SD-07	16 (Chevron)
Nickel	64	CFM-SD-05/08	15 (Chevron)
Vanadium	590	CFM-SD-05	86 (Chevron)

Detected concentrations of aluminum, beryllium, calcium, cobalt, lead and nickel were above levels detected in Bayou Cassotte and the wetlands South of Chevron prior to hurricane Katrina. However, these samples (CFM-SD-06 and CFM-SD-07) were taken from a ditch that collects surface runoff drainage from the Chevron facility and an area to the south that had a history of industrial activity. The area where samples CFM-SD-06, CFM-SD-07 and CFM-SF-08 were located is currently in a solid waste management unit (SWMU).

Prior to Chevron acquiring this area, it was formerly used by the HK Porter Company to manufacture refractory brick. During industrial activities, surface soil became contaminated with various metals including magnesium and calcium. Later, this area became part of the Owens Corning Glass Plant. Given the past history of industrial use in the area, and that the sample was obtained from a drainage ditch that collected surface runoff from areas impacted by current and previous industrial activity, it is not surprising to see elevated levels of metals. It is likely that these metals concentrations were pre-existing in the area and questionable whether they resulted from the impact of hurricane Katrina.

Detected concentrations of chromium, nickel, and vanadium were identified in sample CFM-SD-05, which was collected from a drainage ditch southeast of the Chevron operational area. This ditch is part of an existing SWMU and on Chevron property. The SWMU that this ditch drains is a hurricane retention pond known to contain vanadium in soil and sludge. This is the only location where vanadium has been previously detected in any significant quantity. Nickel has been used as a crude oil cracking catalyst and can be found in the soil at several SWMUs within the plant. Therefore, it is unsurprising to encounter elevated levels of vanadium, nickel or other metals in this ditch, and is unlikely to constitute a hurricane Katrina-related impact.

7.2.3 Conclusion

In spite of several metals exceeding local baseline sampling data, the exceedances are not significant enough to clearly indicate an impact due to hurricane Katrina in light of the likelihood of pre-existing metals contamination in surficial soil and drainage ditch sediments. All detected analytes were within a risk-range considered acceptable by EPA in other regulatory contexts. It is unlikely that frequent and prolonged human contact

with sediments under water in drainage ditches would occur. There does not appear to be an indication of a potential release in the area of the facilities due to the effects of Hurricane Katrina.

7.3 Omega Protein - Moss Point, Mississippi

7.3.1 Results

Sediments

Aluminum, antimony, arsenic, barium, beryllium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, thallium, mercury, vanadium and zinc were detected in these samples. Low concentrations of several semi-volatile organic compounds and low levels of pesticides were also detected. One PCB, PCB-1260, was reported at a concentration of 21J ug/kg in sample OP-SD-02. No volatile organic compounds were reported.

7.3.2 Discussion

No pre-Katrina sampling data is available for the site, therefore there is uncertainty about impact of the hurricane on the surrounding environment. Detected analytes were compared to industrial PRG soil screening levels. Arsenic (2.2 mg/kg) slightly exceeded the industrial PRG (1.6 mg/kg) at sampling point OP-SD-02, but was below the 1E-05 risk level (16 mg/kg). Benzo(a)pyrene (1300 ug/kg) exceeded the industrial PRG (210 ug/kg) at sample location OP-SD-01, but was below the 1E-05 risk range. Both fell within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. None of the remaining analytes detected in soil or sediment exceeded industrial PRG soil screening levels.

7.3.3 Conclusion

There is no clear indication of a release in the area of the Omega Protein facility due to the effects of Hurricane Katrina. None of the reported analytes exceeded levels of concern for exposure to contaminants in soil or sediment under a commercial/industrial scenario.

7.4 Port Bienville Industrial Park (Polychemie, Inc.) - Pearlington, Mississippi

7.4.1 Results

Soils

Aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, vanadium, and zinc were

detected in the soil samples collected from the Polychemie, Inc. facility from the southern portion of the site. No semi-volatile or volatile organic compounds were reported in these samples. No PCBs were reported for these samples. Gamma chlordane was detected in soil sample PO-SF-04 at 0.86J mg/kg.

Sediments

Aluminum, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc were detected in sediments collected from the Polychemie, Inc. facility. No pesticides or PCBs were reported in these samples.

Several organic compounds were detected in sediments. One volatile organic compound, acetone, was detected at 140 ug/kg in sample PO-SD-01D. Acetone is a common laboratory contaminant, and detections of low levels such as this one are not suggestive of a release. Ten PAH compounds were detected in Sample PO-SD-03. These included benzo(a)anthracene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, benzo-a-pyrene, chrysene, fluoranthene, indeno (1,2,3-cd) pyrene, phenanthrene, and pyrene. Levels of the PAHs ranged between 120 ug/kg for benzo(ghi)perylene to 400 ug/kg for fluoranthene.

Unknown miscellaneous semi-volatile organic compounds were reported by the CLP laboratory. The identities of the unknown compounds were not verified by the laboratory.

7.4.2 Discussion

No facility specific background data was available for the metals detected in soils. Arsenic detections exceeded the industrial PRG (1.6 mg/kg) at sample locations PO-SD-01 and PO-SD-02 (18, 7.7 mg/kg), but were within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. None of the other metals detected exceeded industrial PRGs.

None of the concentrations of organic compounds exceeded industrial PRGs and detected PAHs appear low relative to anthropogenic background typical of urban areas as shown in Figure 14.

7.4.3 Conclusion

Because no background data are available for the site prior to Hurricane Katrina, it is difficult to determine the impact of the hurricane on the surrounding environment with certainty. However, none of the concentrations detected were at levels of concern in regard to protection of human health. There is no indication of a potential release in the area of the Polychemie, Inc. facility due to the effects of Hurricane Katrina.

7.5 Ershigs Fiberglass - Biloxi, Mississippi

7.5.1 Results

Soils

Aluminum, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc were reported in soil samples collected for this site. No volatile organic compounds, or PCBs were detected in these samples. Low concentrations of six semi-volatile organic compounds and six pesticides were reported.

Sediments

Aluminum, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc were reported for these samples. Twelve semi-volatile organic compounds and eight pesticides were reported at low concentrations. No volatile organic compounds or PCBs were reported.

7.5.2 Discussion

Because no background data are available for the site prior to Hurricane Katrina, it is difficult to determine the impact of the hurricane on the surrounding environment with certainty. Although this facility is in an industrialized area, there is evidence of residential development in the vicinity of the site. As an added precaution, detected analytes were compared to residential PRGs.

Arsenic (1.3-14 mg/kg) was the only metal that exceeded residential PRGs (0.4 mg/kg), however all detections were within a risk range of 1 in 1,000,000 to 1 in 10,000 risk over background of an individual developing cancer over a lifetime from long-term exposure to those concentrations, which EPA has found acceptable in other regulatory and remedial contexts. The highest arsenic concentrations were taken in the vicinity of a commercial parking lot, while those samples closer to residential areas were below the 1E-05 risk level. None of the other analytes exceeded residential PRG soil screening values.

7.5.3 Conclusion

There does not appear to be indication of a potential release in the area of Ershigs Fiberglass due to the effects of Hurricane Katrina. Styrene, one of the primary chemicals stored and used on site, was not detected in the analysis. None of the detected analytes were at levels of concern for excess human health risk from long term exposure.

7.6 Naval Construction Battalion Center - Gulfport, Mississsippi

The data and discussion for NCBC will be issued as an addendum. Samples for dioxin analysis were recollected due to uncertainties with the quality of the data from the original laboratory. Four additional samples were collected from another portion of the base for PCB analysis at the request of MDEQ, and will be included in the addendum.

8.0 REFERENCES

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5. U.S. EPA, Region 4, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM). November 2001. (http://www.epa.gov/region4/sesd/sesdpub_guidance.html).

6. USEPA Contract laboratory Program Statement of Work for Inorganic Analysis, ILM05.3 March 2004. http://www.epa.gov/superfund/programs/clp/inorg.htm

7. USEPA Contract laboratory Program Statement of Work for Inorganic Analysis, OLM04.2, May, 1999. http://www.epa.gov/superfund/programs/clp/organic.htm

8. USEPA Water Quality Studies of Bays in Waters of Mississippi, October, 2005.

9. Quality Assurance Project Plan Katrina Response Environmental Soil and Sediment Sampling Gulf Coast of Mississippi, September, 2005.

10. Menzie et al. (1992) Exposure to Carcinogenic PAHs in the Environment. Env Sci Technol 26, 1278-1284.

11. Saltiene et al. (2001) Contamination of Soil by Polycyclic Aromatic Hydrocarbons in Some Urban Areas, http://preprint.chemweb.com/envchem/0102001.

12. Electric Power Research Institute (EPRI) (2000) Literature Review of Polycyclic Aromatic Hydrocarbons TR-114755. This source provides values for US and Japan background ranges, Michigan schools and residences and Ohio residences.

13. ATSDR, 2002 Toxicological Profile for Polycyclic Aromatic Hydrocarbons. P. 262, Table 5-3.

Appendix A
Figures

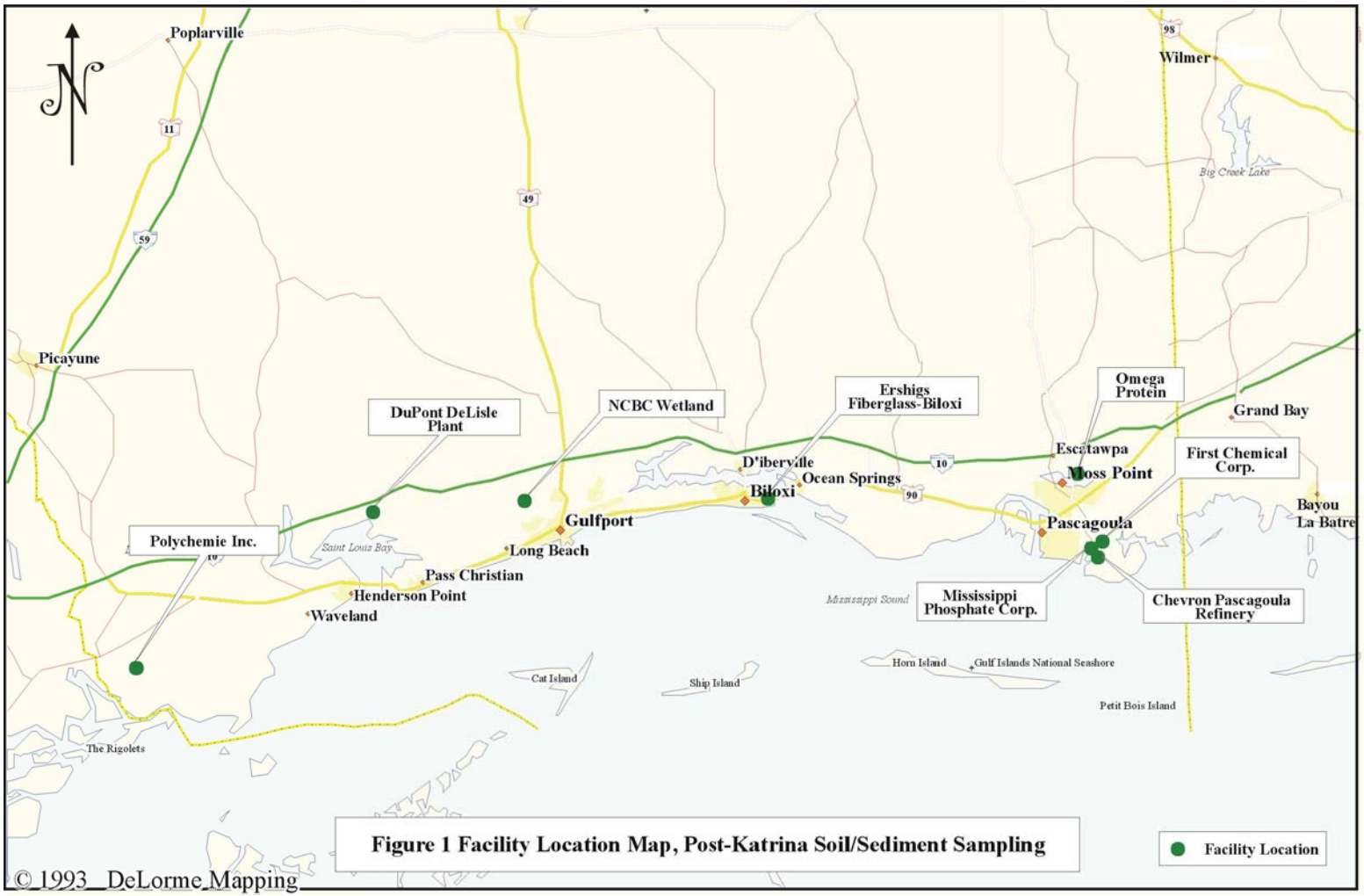


Figure 1 Facility Location Map, Post-Katrina Soil/Sediment Sampling

Figure 2
DuPont DeLisle Plant

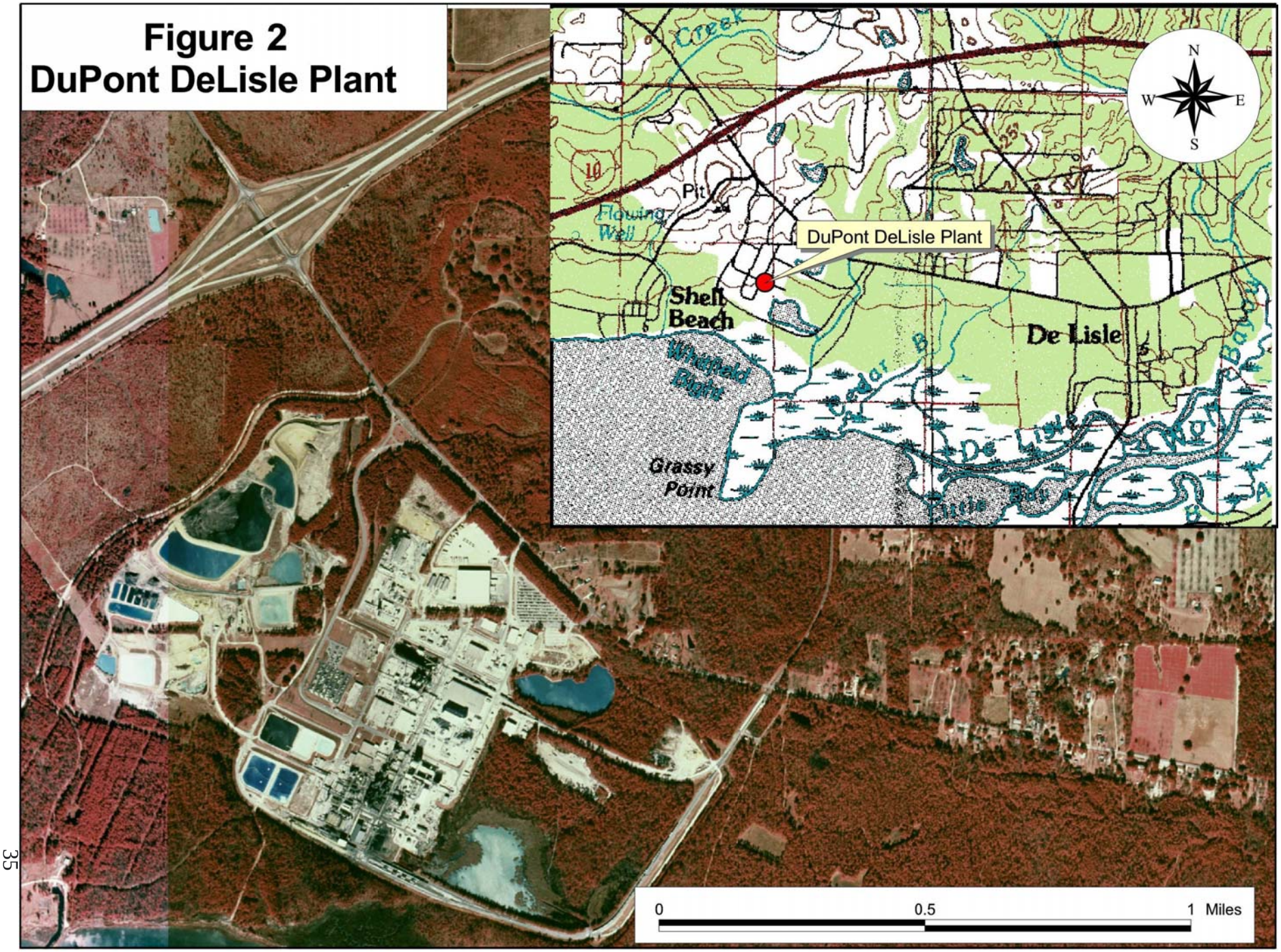


Figure 3
Chevron, First Chemical and MS Phosphates

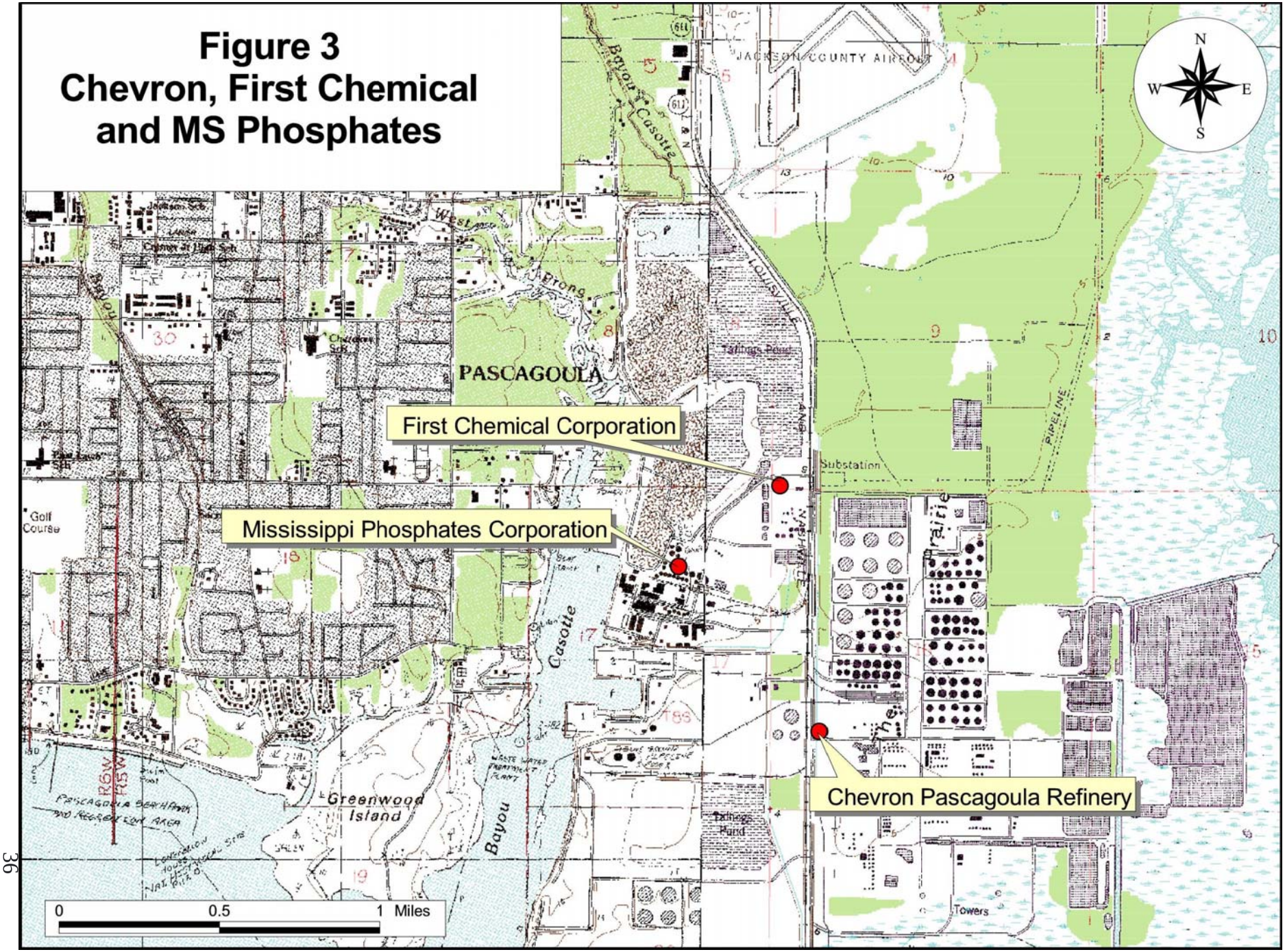


Figure 4
Omega Protein

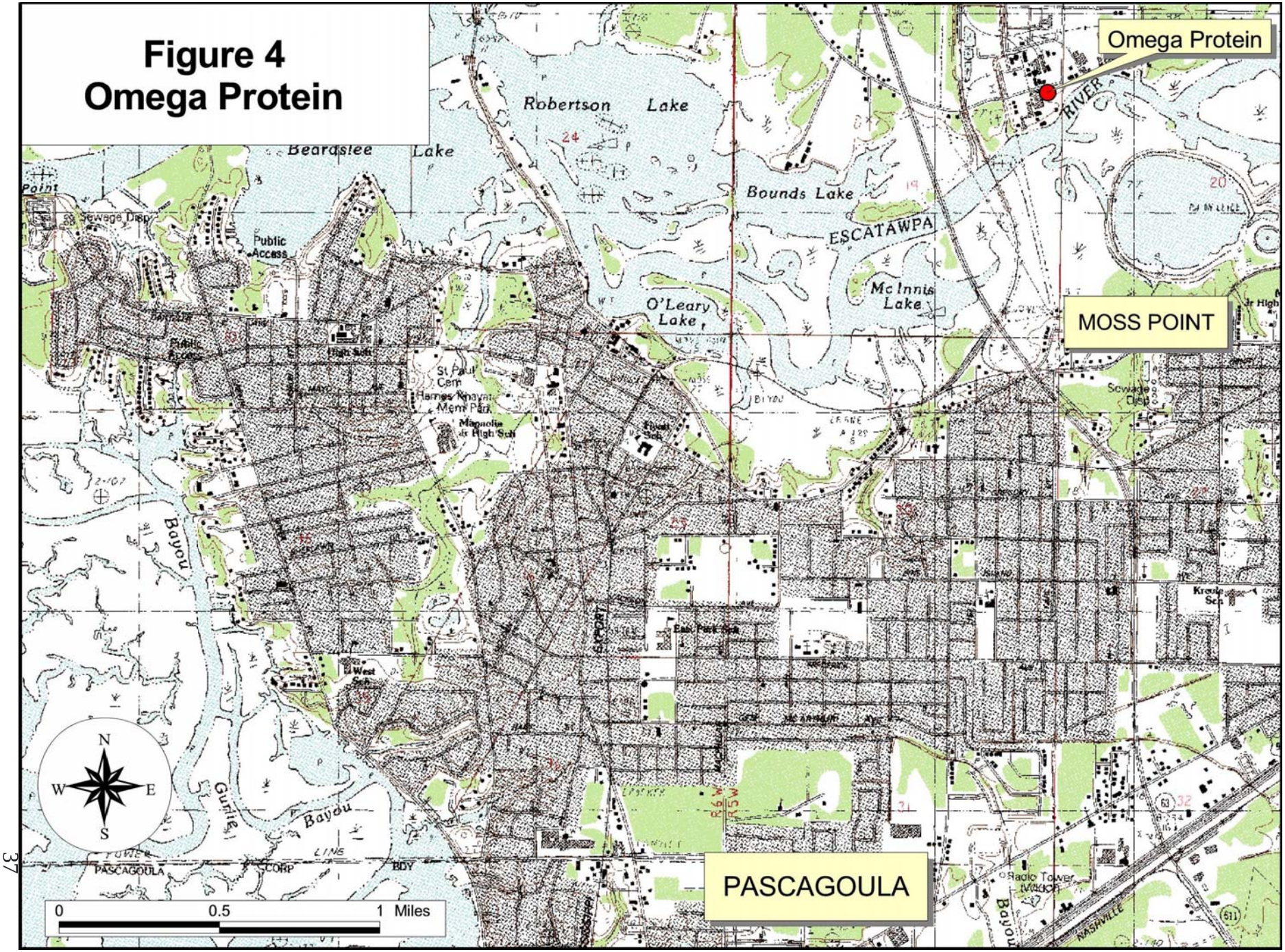


Figure 5
Polychemie, Inc.

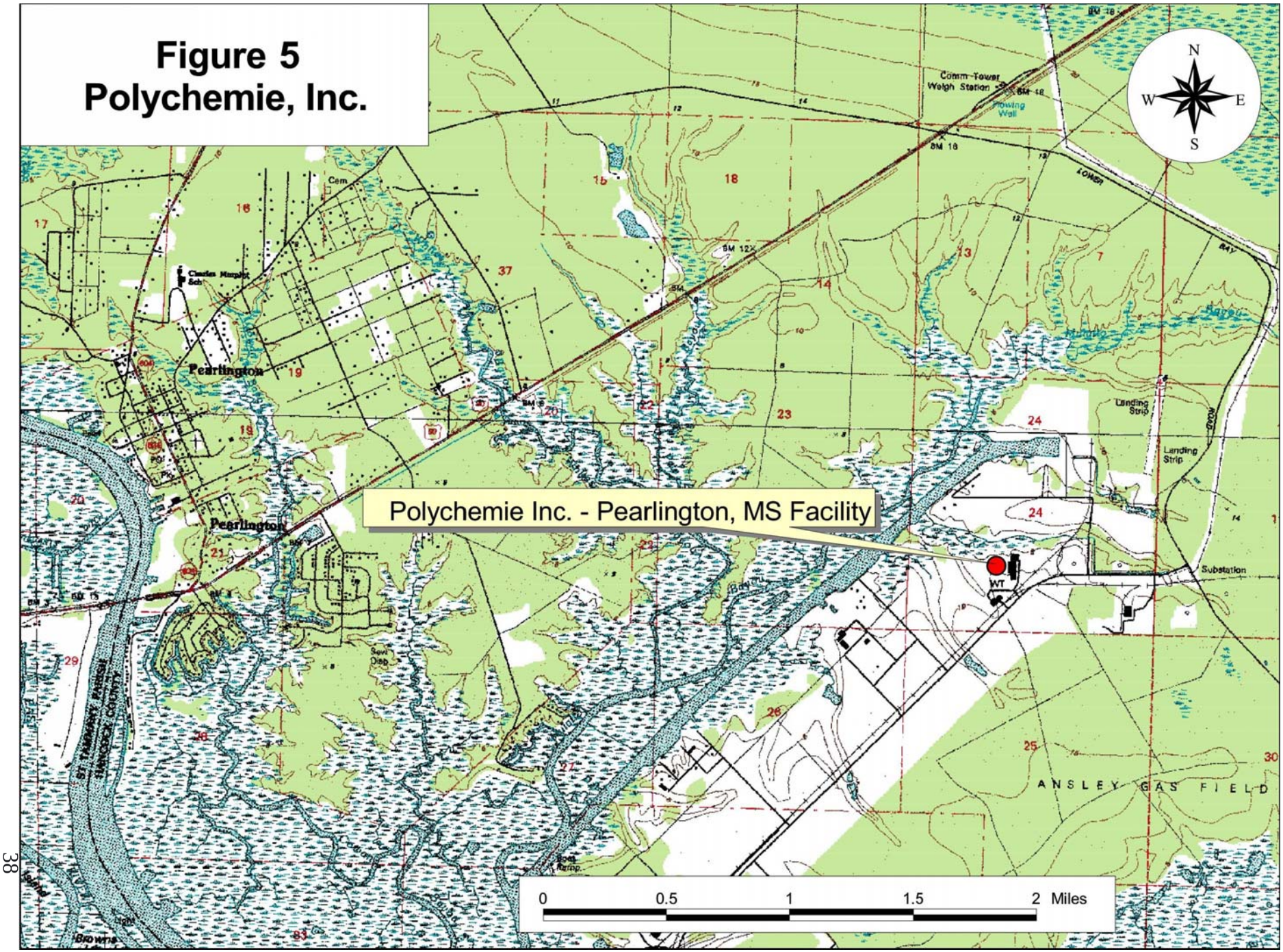


Figure 6
Ershigs Fiberglass, Inc.

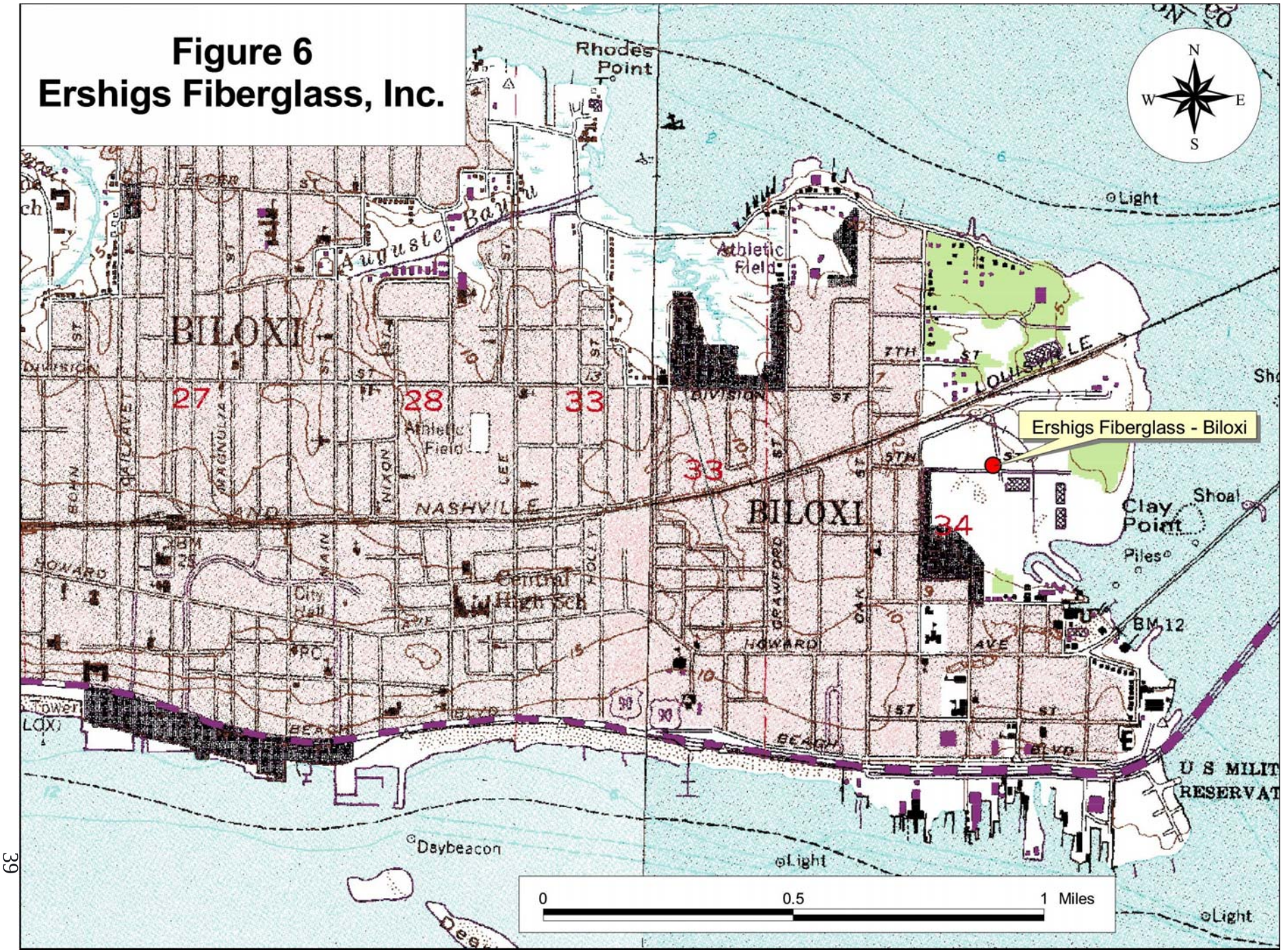
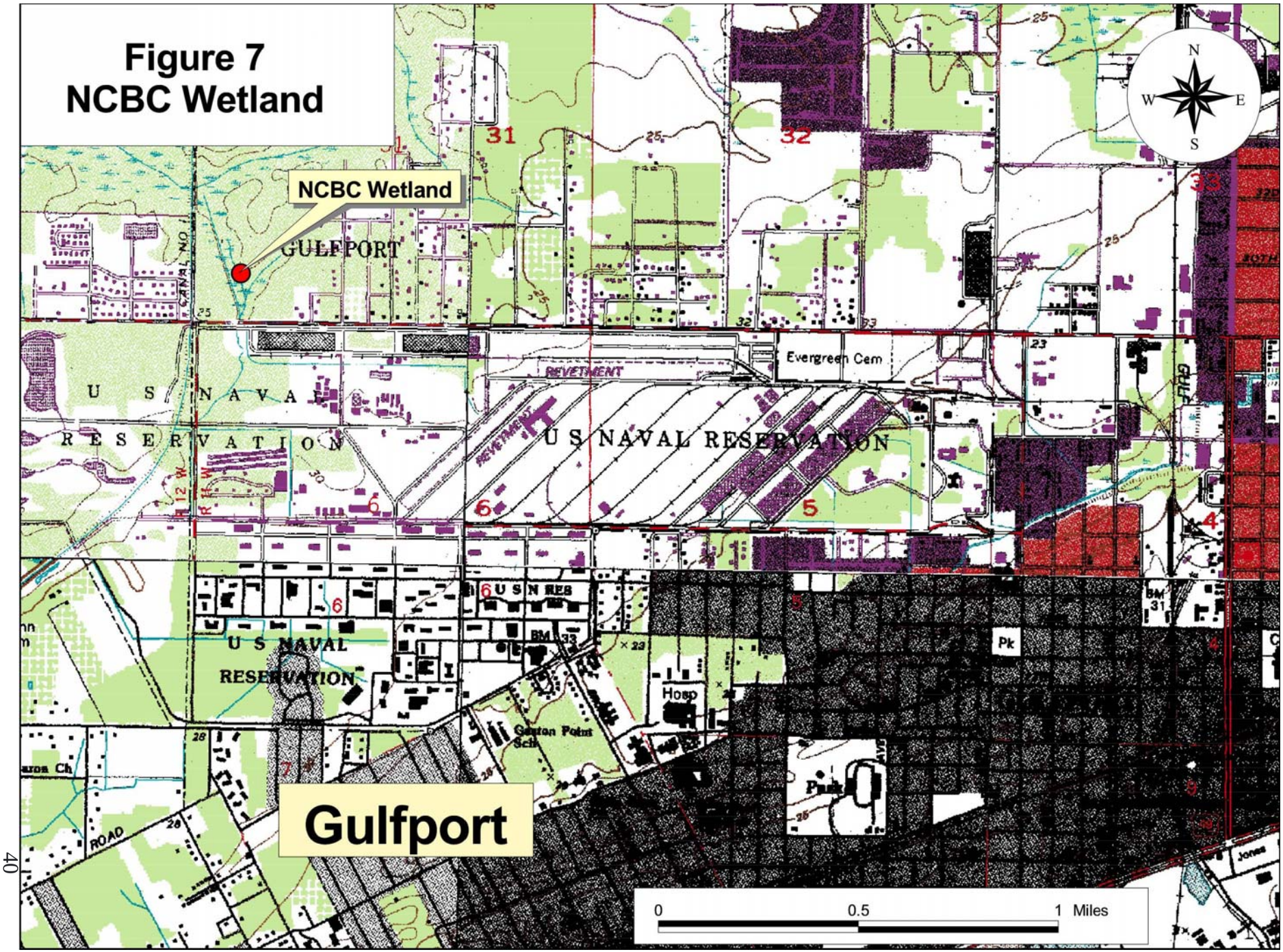


Figure 7
NCBC Wetland



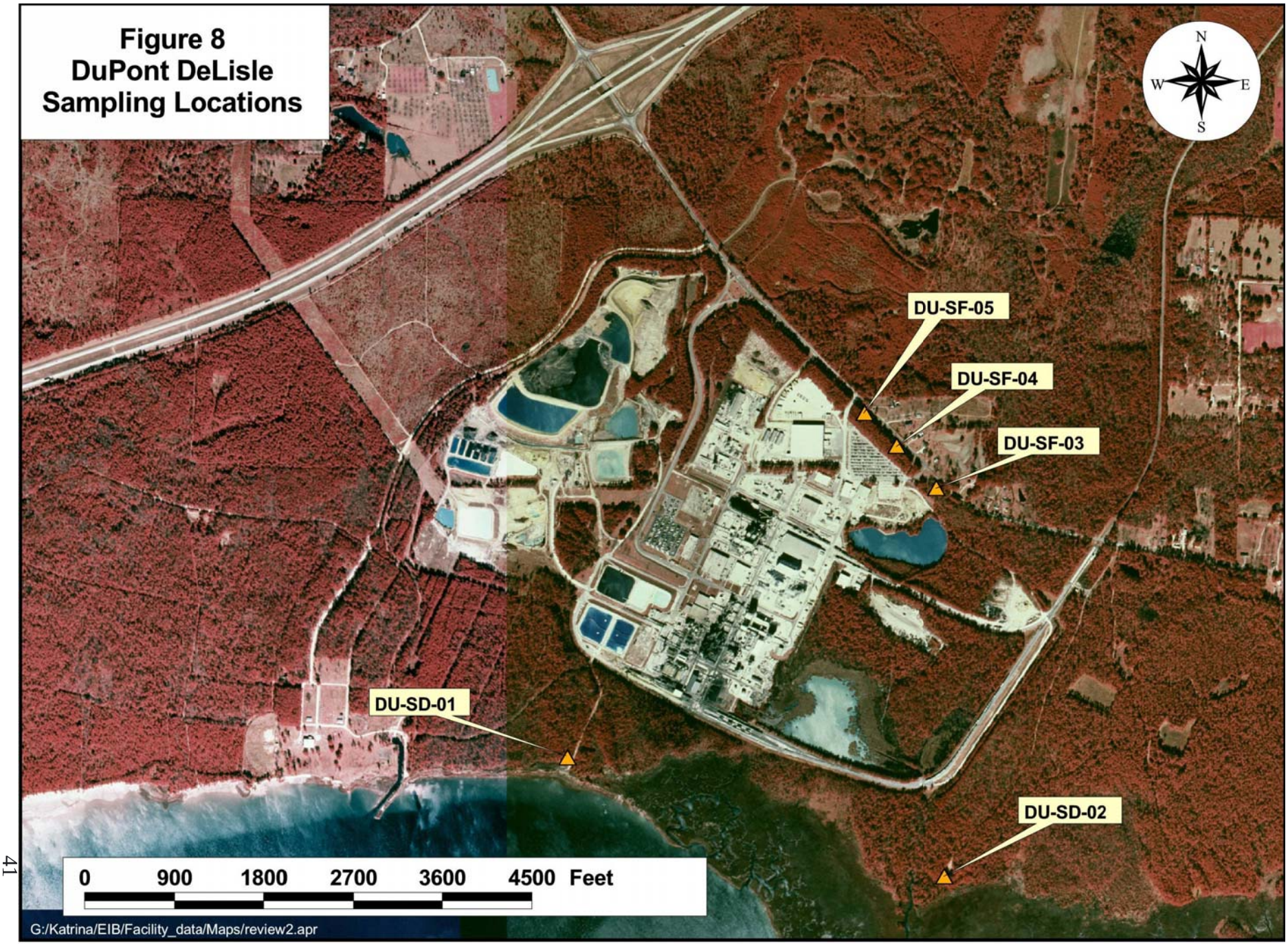


Figure 8
DuPont DeLisle
Sampling Locations
N
W
E
S
DU-SF-05
DU-SF-04
DU-SF-03
DU-SD-01
DU-SD-02
0
900
1800
2700
3600
4500 Feet
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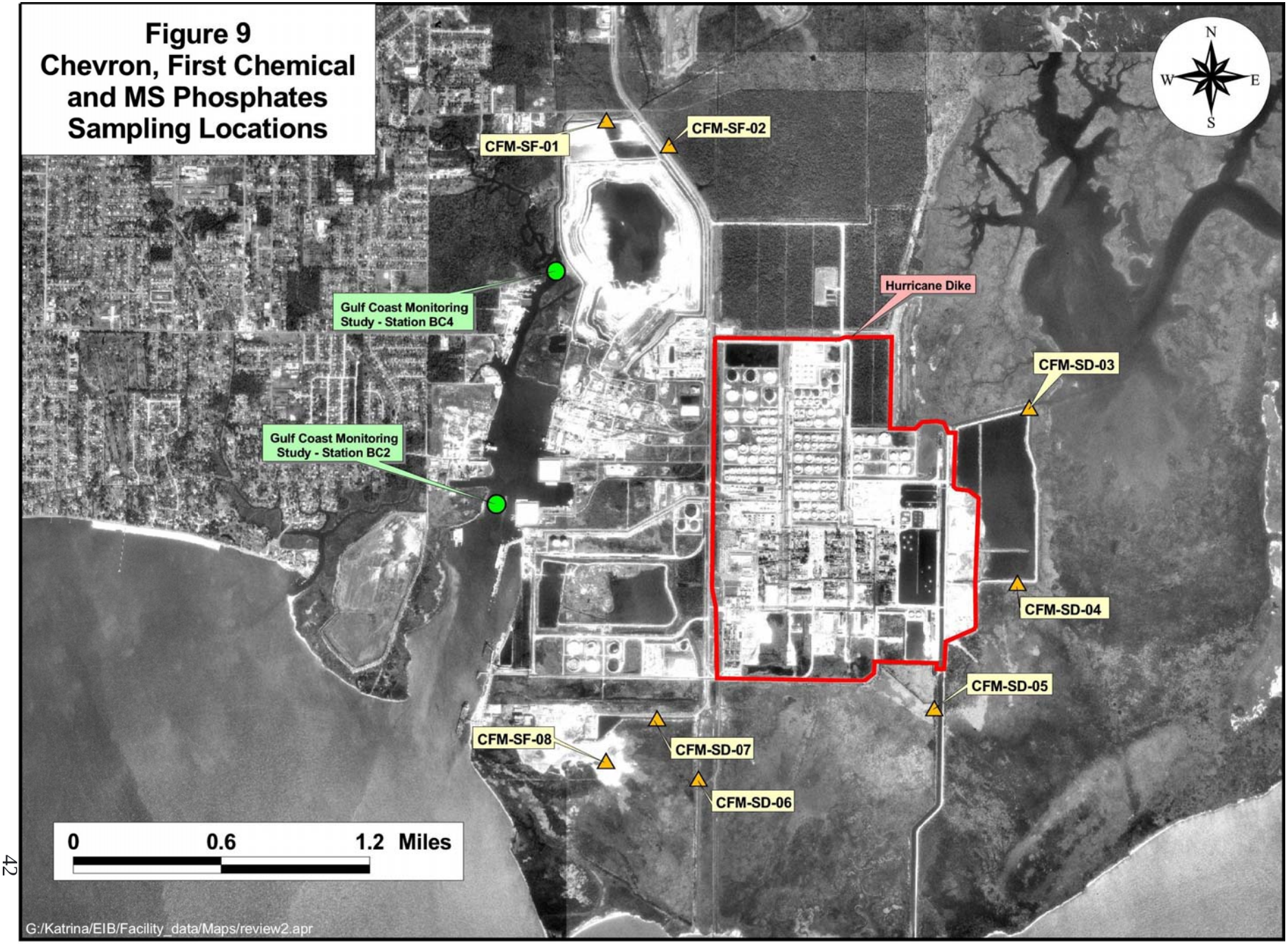
Figure 9
Chevron, First Chemical and MS Phosphates Sampling Locations
N
W
E
S
CFM-SF-01
CFM-SF-02
Hurricane Dike
Gulf Coast Monitoring Study - Station BC4
Gulf Coast Monitoring Study - Station BC2
CFM-SD-03
CFM-SD-04
CFM-SD-05
CFM-SF-08
CFM-SD-07
CFM-SD-06
0
0.6
1.2 Miles
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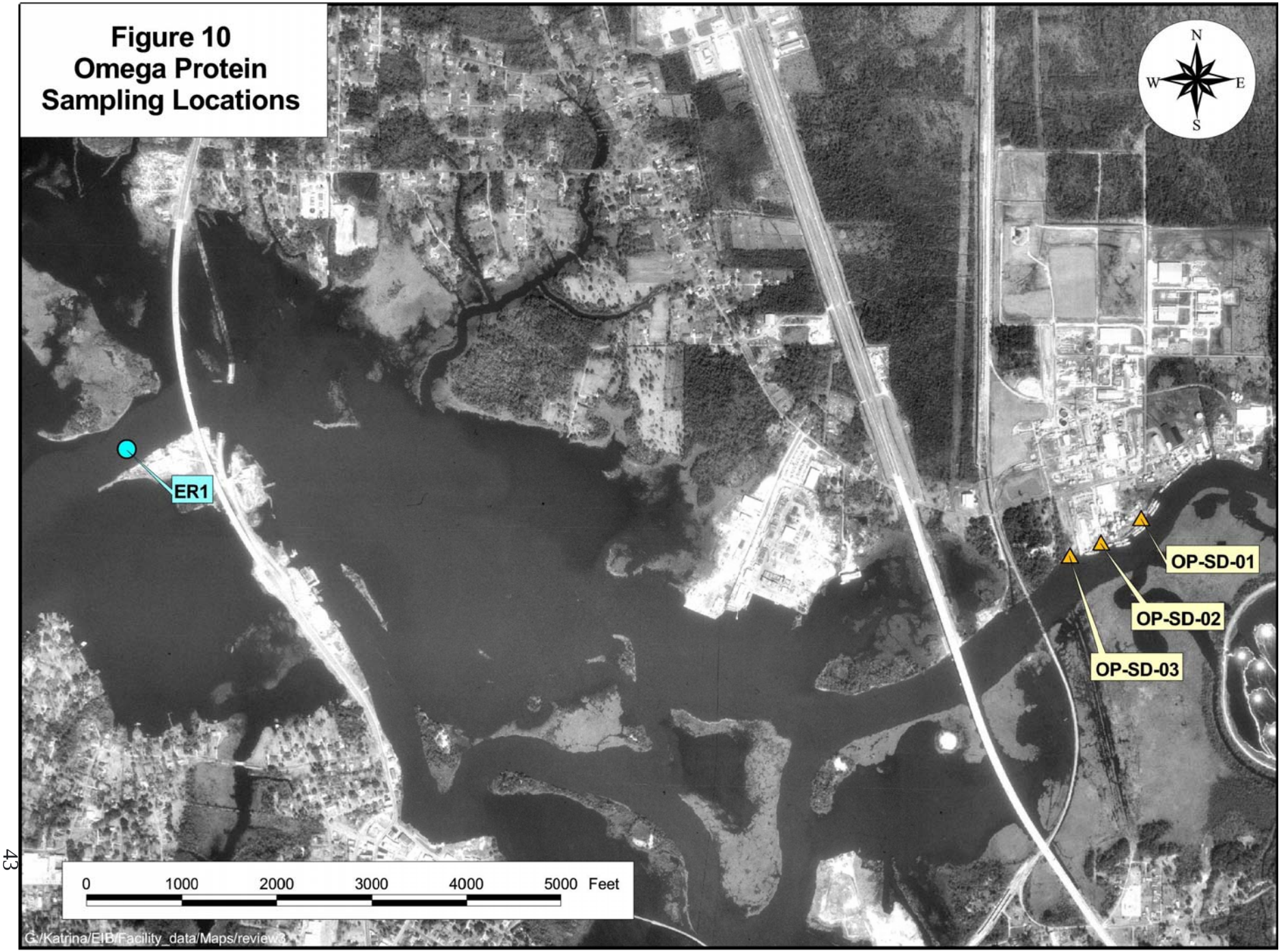


Figure 10
Omega Protein
Sampling Locations
N
W
E
S
ER1
OP-SD-01
OP-SD-02
OP-SD-03
0
1000
2000
3000
4000
5000
Feet
G:/Katrina/EIB/Facility_data/Maps/review3

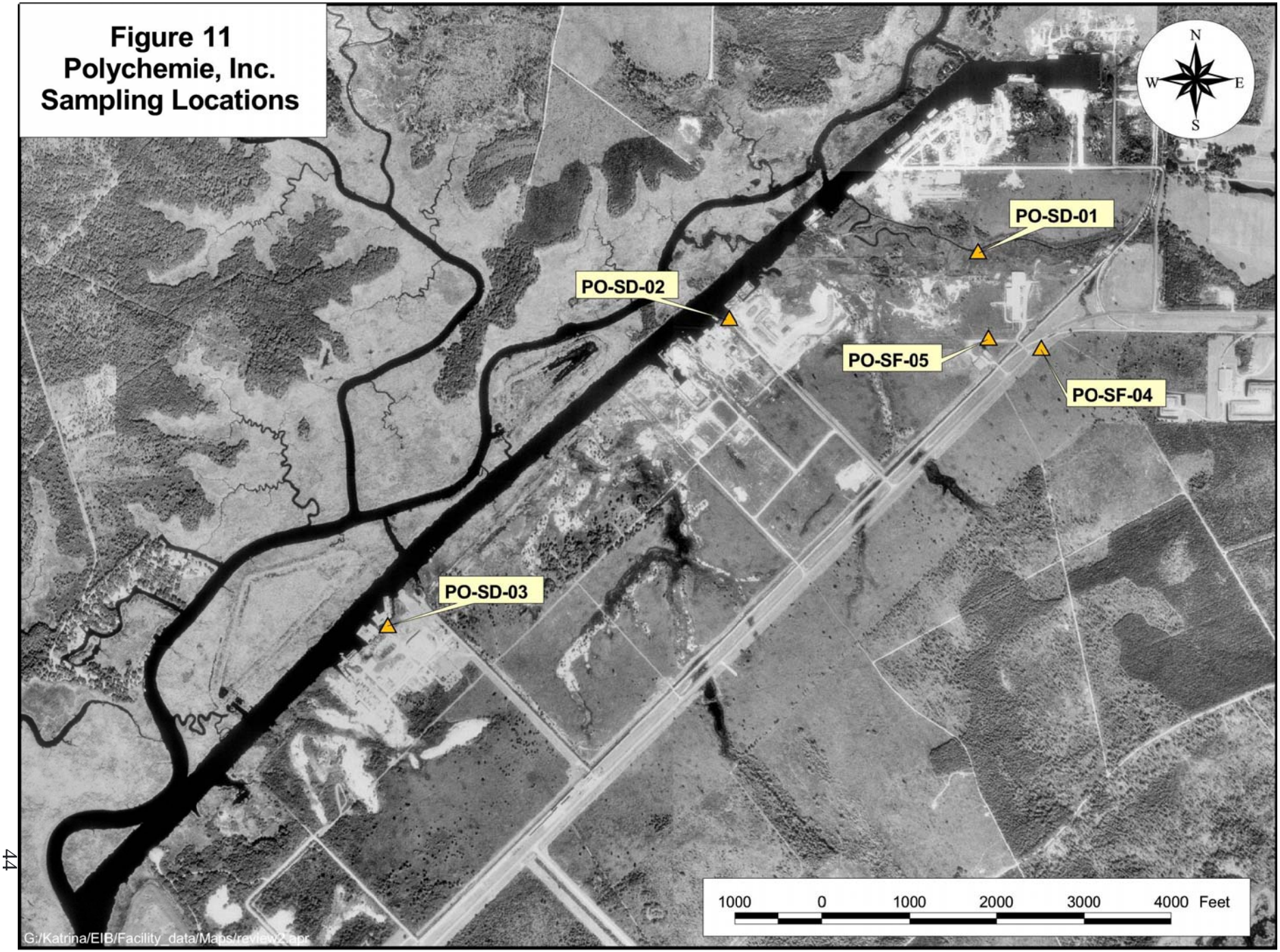


Figure 11
Polychemie, Inc.
Sampling Locations
N
W
E
S
PO-SD-01
PO-SD-02
PO-SF-05
PO-SF-04
PO-SD-03
1000 0 1000 2000 3000 4000 Feet
G:/Katrina/EIB/Facility_data/Maps/review2.apr

Figure 12
Ershigs Fiberglass, Inc.
Sampling Locations

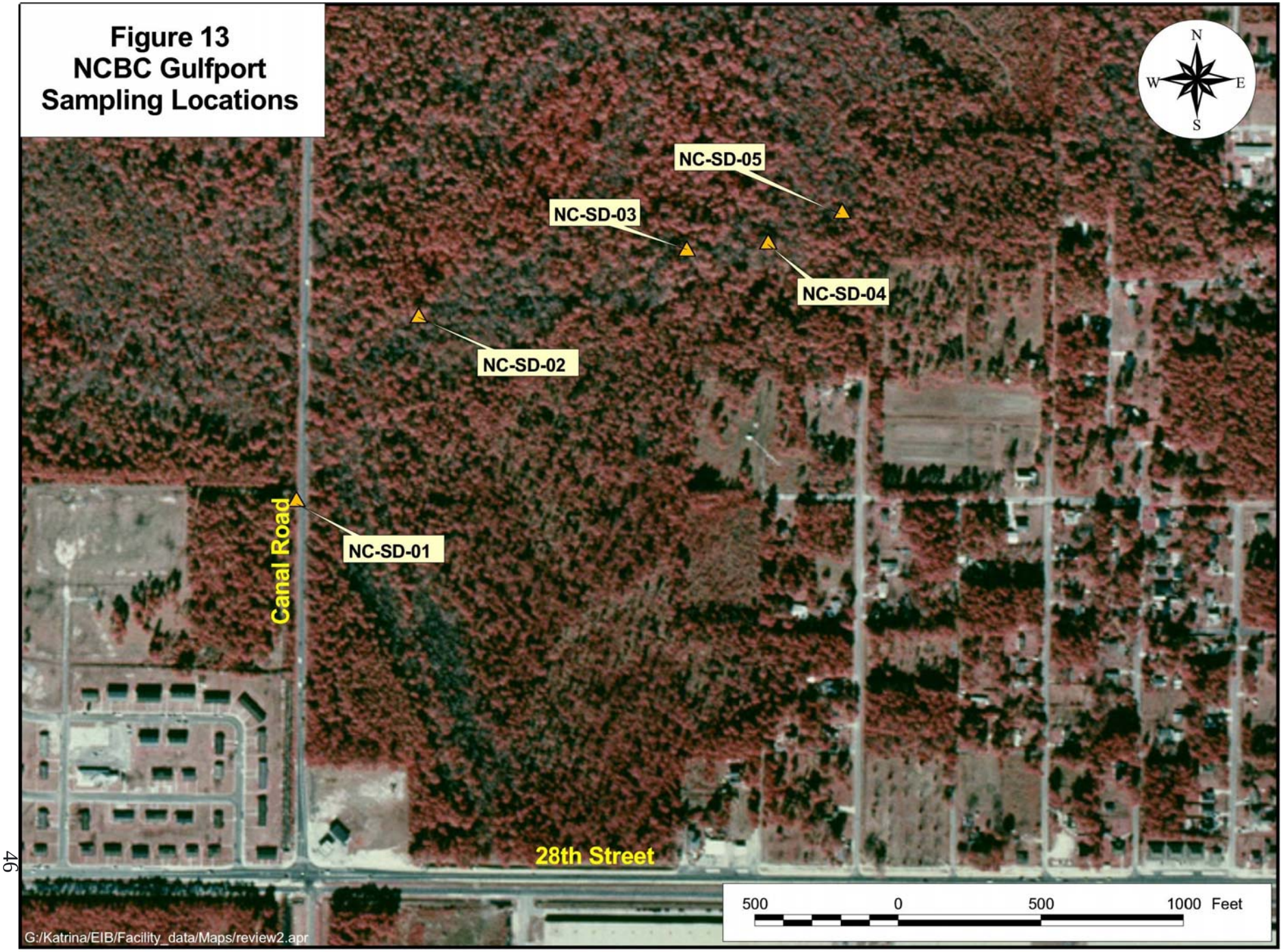
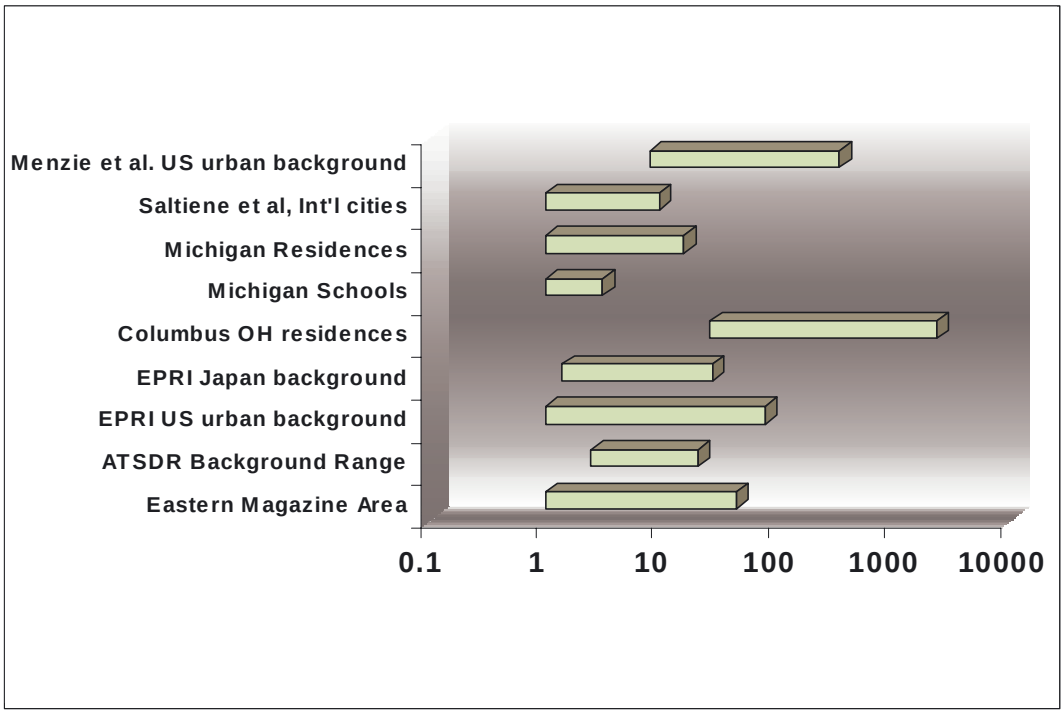


Figure 13
NCBC Gulfport
Sampling Locations
N
W
E
S
NC-SD-05
NC-SD-03
NC-SD-04
NC-SD-02
NC-SD-01
Canal Road
28th Street
500
0
500
1000 Feet
G:/Katrina/EIB/Facility_data/Maps/review2.apr

Figure 14: Comparison of background ranges of cPAHs from a variety of sources.



Appendix B
Data Summary Tables

Table 1 Sample Rationale and Locations				
Facility	Sample ID	Grab or Composite	Location	Rationale
DuPont DeLisle	DU-SD-01	Grab (0”-3”)	Dirt road and canal southwest of Site	Evaluate potential for hazardous constituents to have drained from site via ditch.
DuPont DeLisle	DU-SD-02	Grab (0”-3”)	Dirt road at well south of site	Evaluate potential for hazardous constituents to have drained from site via ditch.
DuPont DeLisle	DU-SF-03	3 point composite (0”-3”)	South of swale along Kiln DeLisle Rd.	Evaluate potential for hazardous constituents to have moved North with storm surge.
DuPont DeLisle	DU-SF-04	3 point composite (0”-3”)	South of swale along Kiln DeLisle Rd.	Evaluate potential for hazardous constituents to have moved North with storm surge.
DuPont DeLisle	DU-SF-05	4 point composite (0”-3”)	South of swale along Kiln DeLisle Rd.	Evaluate potential for hazardous constituents to have moved North with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SF-01	3 point linear composite (0”-3”)	Bank of concrete drainage structure	Evaluate potential for hazardous constituents to have moved North with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SF-02	5 point ‘Star’ composite (0”-3”)	Chevron Ditch, South of complex	Evaluate potential for hazardous constituents to have moved drained with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SD-04	Grab (0”-3”)	South of storm surge lagoon	Evaluate potential for hazardous constituents to have moved North with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SD-05	Grab (0”-3”)	Wetlands southeast of complex	Evaluate potential for hazardous constituents to have moved North with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SD-06	Grab (0”-3”)	Ditch south of complex	Evaluate potential for hazardous constituents to have moved North with storm surge.

Chevron, First Chemical, MS Phosphates	CFM-SD-07	Grab (0”-3”)	Ditch south of complex	Evaluate potential for hazardous constituents to have moved North with storm surge.
Chevron, First Chemical, MS Phosphates	CFM-SF-08	5 point ‘Star’ composite (0”-3”)	South of complex	Evaluate potential for hazardous constituents to have moved South with storm surge.
Chevron, First Chemical, MS Phosphates	BC2 (Sediment)	Grab	Bayou Cassotte, West of MS Phosphates	Evaluate potential for hazardous constituents to have moved South with storm surge.
Chevron, First Chemical, MS Phosphates	BC4 (Sediment)	Grab	Bayou Cassotte, Southwest of First Chemical	Evaluate potential for hazardous constituents to have moved South with storm surge.
Omega Protein	OP-SD-01	Grab	Bank of Escatawpa River, South of Site	Evaluate potential for hazardous constituents to have drained South with storm surge.
Omega Protein	OP-SD-02	Grab	Bank of Escatawpa River, South of Site	Evaluate potential for hazardous constituents to have drained South with storm surge.
Omega Protein	OP-SD-03	Grab	Bank of Escatawpa River, downstream of Site (power line right-of-way)	Evaluate potential for hazardous constituents to have moved downstream with storm surge.
Polychemie	PO-SD-01		Wetland North of Site	Evaluate potential for hazardous constituents to have drained North with storm surge
Polychemie	PO-SD-02		Canal West of Site	Evaluate potential for hazardous constituents to have drained West with storm surge
Polychemie	PO-SD-03	Grab	Canal at Sea Plane Rd.	Evaluate potential for hazardous constituents to have moved downgradient with storm surge
Polychemie	PO-SF-04	5 point linear composite near road	Southeast of Site	Evaluate potential for hazardous constituents to have moved Southeast with storm surge

Polychemie	PO-SF-05	5 point linear composite between fence and road	Southwest of Site	Evaluate potential for hazardous constituents to have moved Southwest with storm surge
Ershigs Fiberglass, Inc.	ER-SF-01	5 point composite collected around perimeter of basketball court	Northwest of Site	Evaluate potential for hazardous constituents to have moved Northwest with storm surge
Ershigs Fiberglass, Inc.	ER-SF-02	5 point 'Star' composite (0"-3")	Southwest of Site	Evaluate potential for hazardous constituents to have moved West with storm surge
Ershigs Fiberglass, Inc.	ER-SF-03	5 point 'Star' composite (0"-3")	South of Site	Evaluate potential for hazardous constituents to have moved Southwest with storm surge
Ershigs Fiberglass, Inc.	ER-SD-04	Grab (0"-3")	South of Site, Canal on west side of parking lot	Evaluate potential for hazardous constituents to have moved South with storm surge
Ershigs Fiberglass, Inc.	ER-SD-05	Grab (0"-3")	Inlet southeast of Site	Evaluate potential for hazardous constituents to have drained Southwest with storm surge
NCBC Gulfport	NC-SD-01	Grab (0"-3")	Wetland North of NCBC	Evaluate potential for TCDD to have redoposited in remediated portion of wetland due to storm surge
NCBC Gulfport	NC-SD-02	Grab (0"-3")	Wetland North of NCBC	Evaluate potential for TCDD to have redoposited in remediated portion of wetland due to storm surge
NCBC Gulfport	NC-SD-03	Grab (0"-3") sediment trap	Wetland North of NCBC	Evaluate potential for TCDD to have redoposited in remediated portion of wetland due to storm surge

NCBC Gulfport	NC-SD-04	Grab (0”-3”)sediment trap	Wetland North of NCBC	Evaluate potential for TCDD to have redoposited in remediated portion of wetland due to storm surge
NCBC Gulfport	NC-SD-05	Grab (0”-3”) sediment trap	Wetland North of NCBC (Edwards tract)	Evaluate potential for TCDD to have redoposited in remediated portion of wetland due to storm surge

Table 2 **Sample Containers and Holding Times**				
Analytes	Containers	Splits	Dups	Holding Times
Metals	1 8oz. glass	1 8oz. glass	1 8oz. glass	180 days
VOCs	3 EnCore™	3 EnCore™	3 EnCore™	48 hours
Semi-Volatiles, Pesticides, PCBs	1 8oz. glass	1 8oz. glass	1 8oz. glass	14 days
Dioxins	1 8oz. glass	1 8oz. glass	1 8oz. glass	30 days
Radium 226 and gamma Spectroscopy	1 8oz. glass	1 8oz. glass	1 8oz. glass	180 days

Table 3
Data Summary Table - Metals
Post - Katrina Soil and Sediment Sampling
DuPont - DeLisle
Pass Christian, Mississippi
October, 2005

		DUSD01		DUSD01D		DUSD02		DUSF03		DUSF04		DUSF05	
		1010		1105		1200		1405		1345		1320	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	55		58		24		11		12		12	
Aluminum	MG/KG	12000		9000		4800		6500		5100		4000	
Arsenic	MG/KG	53	J	35	J	*1*	*R*	1.4		1.5		*1*	*R*
Barium	MG/KG	140	J	87	J	400		27		17	J	15	J
Beryllium	MG/KG	2		1.3		*0.22*	*UJ*	*0.12*	*UJ*	*0.1*	*UJ*	*0.04*	*UJ*
Calcium	MG/KG	1500	J	1400	J	330	J	1100		230	J	540	J
Chromium	MG/KG	22	J	18	J	7.3	J	11	J	9.1	J	5.6	J
Cobalt	MG/KG	8.3	J	7.9	J	0.83	J	1.2	J	0.74	J	0.45	J
Copper	MG/KG	33	J	22	J	2.6	J	2.7	J	2	J	1.9	J
Iron	MG/KG	13000	J	13000	J	2900	J	9900	J	7900	J	4300	J
Lead	MG/KG	18	J	15	J	16	J	16	J	26	J	13	J
Magnesium	MG/KG	1100		1200		470	J	150	J	140	J	140	J
Manganese	MG/KG	96	J	130	J	12	J	380	J	180	J	36	J
Nickel	MG/KG	18	J	14	J	1.6	J	2.5	J	1.6	J	1.3	J
Potassium	MG/KG	1600		1200	J	240	J	88	J	82	J	85	J
Selenium	MG/KG	0.88	J	*0.73*	*R*	*4.6*	*U*	*4*	*U*	*0.48*	*R*	*4*	*U*
Sodium	MG/KG	1800		1900		630	J	*110*	*UJ*	*110*	*UJ*	*96*	*UJ*
Thallium	MG/KG	1.9	J	*0.53*	*R*	*3.3*	*U*	*2.8*	*U*	*2.8*	*U*	*2.8*	*U*
Vanadium	MG/KG	50		38		11		16		14		9.2	
Zinc	MG/KG	56		49	J	15		21		14		11	

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 3 (Continued)
Data Summary Table – Semi-Volatiles
Post - Katrina Soil and Sediment Sampling
DuPont - DeLisle
Pass Christian, Mississippi
October, 2005

		DUSD01		DUSD01D		DUSD02		DUSF03		DUSF04		DUSF05	
		1010		1105		1200		1405		1345		1320	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	50		50		24		14		12		10	
1,1-Biphenyl	UG/KG	*660*	*U*	*660*	*U*	1100		*380*	*U*	*380*	*U*	*370*	*U*
2-Methylnaphthalene	UG/KG	*660*	*U*	*660*	*U*	4100		*380*	*U*	*380*	*U*	*370*	*U*
Anthracene	UG/KG	*660*	*U*	*660*	*U*	110	J	*380*	*U*	*380*	*U*	*370*	*U*
Naphthalene	UG/KG	*660*	*U*	*660*	*U*	1100		*380*	*U*	*380*	*U*	*370*	*U*
Phenanthrene	UG/KG	*660*	*U*	*660*	*U*	1200		*380*	*U*	*380*	*U*	*370*	*U*
Pyrene	UG/KG	*660*	*U*	*660*	*U*	130	J	*380*	*U*	*380*	*U*	*370*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.

Table 3 (Continued)
Data Summary Table – Pesticides/PCBs
Post - Katrina Soil and Sediment Sampling
DuPont - DeLisle
Pass Christian, Mississippi
October, 2005

		DUSD01		DUSD01D		DUSD02		DUSF03		DUSF04		DUSF05	
		1010		1105		1200		1405		1345		1320	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	50		50		24		14		12		10	
4,4'-DDD (p,p'-DDD)	UG/KG	*6.6*	*UJ*	*6.6*	*UJ*	*4.3*	*UJ*	*3.3*	*UJ*	0.8	J	*3.7*	*UJ*
alpha-Chlordane /2	UG/KG	4.7		4	N	*2.2*	*U*	*1.7*	*U*	1.1	NJ	*1.9*	*U*
Dieldrin	UG/KG	*6.6*	*U*	*6.6*	*U*	*4.3*	*U*	*3.3*	*U*	1	J	0.86	NJ
Endosulfan I (alpha)	UG/KG	*3.4*	*U*	1.1	J	*2.2*	*U*	*1.7*	*U*	*1.9*	*U*	*1.9*	*U*
Endrin	UG/KG	1.8	NJ	*6.6*	*U*	1	J	*3.3*	*U*	*3.8*	*U*	*3.7*	*U*
Endrin Ketone	UG/KG	*6.6*	*U*	*6.6*	*U*	*4.3*	*U*	*3.3*	*U*	*3.8*	*U*	1.7	NJ
Methoxychlor	UG/KG	*34*	*U*	*34*	*U*	*22*	*U*	5.7	J	*19*	*U*	*19*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
/2-constituents or metabolites of technical chlordane

Table 3 (Continued)
Data Summary Table – Volatile Organic Compounds
Post - Katrina Soil and Sediment Sampling
DuPont - DeLisle
Pass Christian, Mississippi
October, 2005

		DUSD01		DUSD01D		DUSD02		DUSF03		DUSF04		DUSF05	
		1010		1105		1200		1405		1345		1320	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	56		55		24		14		12		10	
Acetone	UG/KG	*34*	*UJ*	50	J	68	J	*12*	*UJ*	53	J	95	J
Benzene	UG/KG	*34*	*U*	*38*	*U*	24	J	*12*	*U*	*11*	*U*	*12*	*U*
Ethyl Benzene	UG/KG	*34*	*U*	*38*	*U*	230	J	*12*	*U*	*11*	*U*	*12*	*U*
Isopropylbenzene	UG/KG	*34*	*U*	*38*	*U*	140	J	*12*	*U*	*11*	*U*	*12*	*U*
Methylcyclohexane	UG/KG	*34*	*U*	*38*	*U*	140	J	*12*	*U*	*11*	*U*	*12*	*U*
Toluene	UG/KG	*34*	*U*	*38*	*U*	23	J	*12*	*U*	*11*	*U*	*12*	*U*
Total Xylenes	UG/KG	*34*	*U*	*38*	*U*	760	J	*12*	*U*	*11*	*U*	*12*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Table 4
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		CFMSF01		CFMSF02		CFMSF02S		CFMSD03		CFMSD04		CFMSD05		CFMSD05D	
		1055		1130		1130		1240		1345		1235		1245	
		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	9		22		22		58		25		77		80	
Aluminum	MG/KG	7500		4000		4200		6800		4000		8900		8900	
Arsenic	MG/KG	1.7		0.64	J	*0.68*	*R*	3.3		1.5	J	3.8	J	3.3	J
Barium	MG/KG	13	J	8	J	8.6	J	11	J	7.3	J	74	J	50	J
Beryllium	MG/KG	*0.13*	*UJ*	*0.08*	*UJ*	*0.08*	*UJ*	*0.32*	*UJ*	0.06	J	*0.82*	*UJ*	*0.79*	*UJ*
Calcium	MG/KG	9800		660		690		1200	J	3000		5100		5000	
Chromium	MG/KG	9.2	J	4	J	4.2	J	14	J	5.6		95	J	80	J
Cobalt	MG/KG	0.69	J	0.34	J	0.38	J	1.8	J	0.66	J	4.1	J	2.7	J
Copper	MG/KG	3.6		2.6	J	2.7	J	6.8		2	J	33		30	
Iron	MG/KG	5100	J	1300	J	1400	J	9200	J	5800		8500	J	6500	J
Lead	MG/KG	8.4	J	15	J	18	J	8	J	3		23	J	25	J
Magnesium	MG/KG	300	J	190	J	190	J	2400		610	J	4300		4400	
Manganese	MG/KG	16	J	4.6	J	5.1	J	51	J	32	J	54	J	51	J
Nickel	MG/KG	3.6	J	1.2	J	1.4	J	5.9	J	2.5	J	64		47	
Potassium	MG/KG	200	J	110	J	110	J	1400		240	J	1400	J	1500	J
Selenium	MG/KG	*3.9*	*U*	*0.48*	*R*	*4.5*	*U*	*8.4*	*U*	*4.7*	*U*	24		21	
Sodium	MG/KG	470	J	520	J	530	J	9900		2800		22000		25000	
Total Mercury	MG/KG	0.38		*0.03*	*UJ*	*0.03*	*UJ*	*0.24*	*U*	*0.13*	*U*	*0.17*	*UJ*	*0.14*	*UJ*
Vanadium	MG/KG	15		7.1		7.5		28		9.8		590		500	
Zinc	MG/KG	18		16		16		30		9.5		150		130	

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 4 (Continued)
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		CFMSD06		CFMSD07		CFMSF08	
		1145		1115		1035	
		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	49		49		7	
Aluminum	MG/KG	16000		11000		4300	
Antimony	MG/KG	*0.76*	*R*	*12*	*UJ*	*6.4*	*UJ*
Arsenic	MG/KG	10		2.9		1.7	
Barium	MG/KG	59		37	J	17	J
Beryllium	MG/KG	1.3		*0.51*	*UJ*	*0.29*	*UJ*
Cadmium	MG/KG	*0.34*	*UJ*	*0.29*	*UJ*	*0.05*	*UJ*
Calcium	MG/KG	43000		7700		15000	
Chromium	MG/KG	60	J	28	J	16	J
Cobalt	MG/KG	14		2.5	J	2.2	J
Copper	MG/KG	15		20		23	
Iron	MG/KG	21000	J	8600	J	4300	J
Lead	MG/KG	26	J	63	J	6.6	J
Magnesium	MG/KG	11000		3200		890	
Manganese	MG/KG	890	J	93	J	45	J
Nickel	MG/KG	20		8.7		64	
Potassium	MG/KG	2300		1300		220	J
Selenium	MG/KG	*6.8*	*U*	3.1	J	1.5	J
Sodium	MG/KG	8600		7700		300	J
Vanadium	MG/KG	41		60		240	
Zinc	MG/KG	130		120		95	

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 4 (Continued)
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		BC2SD		BC4DSD		BC4SD	
		1130		1300		1240	
		9/27/2005		9/27/2005		9/27/2005	
% Moisture	%	60		41		49	A
Aluminum	MG/KG	8200		2600		3000	
Arsenic	MG/KG	6.4		1.2		0.87	
Barium	MG/KG	130		27		57	
Beryllium	MG/KG	0.82		0.3		0.3	
Cadmium	MG/KG	1.1		1.5		1.8	
Calcium	MG/KG	7400		4900		4700	
Chromium	MG/KG	21		7.2		9.7	
Cobalt	MG/KG	4.6		0.59		0.66	
Copper	MG/KG	20		4.7		5.5	
Iron	MG/KG	17000		3400		3200	
Lead	MG/KG	36		4.8		5.9	
Magnesium	MG/KG	5100		1800		1700	
Manganese	MG/KG	450		26		26	
Nickel	MG/KG	8.4		2.4		2.7	
Potassium	MG/KG	2300		510		450	
Sodium	MG/KG	18000		8500		5900	
Strontium	MG/KG	57		59		66	
Titanium	MG/KG	17		12		14	
Vanadium	MG/KG	24		6.1		7.3	
Yttrium	MG/KG	12		2.7		2.5	
Zinc	MG/KG	140		48		55	

A-Analyte analyzed in replicate. Reported value is 'average' of replicates.

Table 4 (Continued)
Data Summary Table – Semi-Volatile Organic Compounds
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		BC2SD		BC4DSD		BC4SD	
		1130		1300		1240	
		9/27/2005		9/27/2005		9/27/2005	
% Moisture	%	63.61		29.58		33.67	
Fluoranthene	UG/KG	*900*	*U*	66	J	*500*	*U*
Pyrene	UG/KG	*900*	*U*	63	J	*500*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.

Table 4 (Continued)
Data Summary Table – Pesticides/PCBs
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		CFMSF01		CFMSF02		CFMSF02S		CFMSD03		CFMSD04		CFMSD05	
		1055		1130		1130		1240		1345		1235	
		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	9		23		21		54		25		77	
gamma-Chlordane /2	UG/KG	*1.9*	*U*	*2.2*	*U*	*2.2*	*U*	*3.7*	*U*	*2.3*	*U*	3.8	NJ
Methoxychlor	UG/KG	*19*	*U*	*22*	*U*	5.3	NJ	*37*	*U*	*23*	*U*	*74*	*U*

		CFMSD05D		CFMSD06		CFMSD07		CFMSF08	
		1245		1145		1115		1035	
		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	73		51		40		6	
gamma-Chlordane /2	UG/KG	3.2	NJ	*3.5*	*U*	*2.8*	*U*	*1.8*	*U*
Methoxychlor	UG/KG	*63*	*U*	7.8	NJ	*28*	*U*	3.7	NJ

U-Analyte not detected at or above reporting limit.
NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
/2-constituents or metabolites of technical chlordane

Table 4 (Continued)
Data Summary Table – VOCs
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

		CFMSF01		CFMSF02		CFMSF02S		CFMSD03		CFMSD04		CFMSD05		CFMSD05D	
		1055		1130		1130		1240		1345		1235		1245	
		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	9		23		21		56		25		77		78	
Acetone	UG/KG	*11*	*U*	*13*	*U*	*13*	*U*	*35*	*U*	*13*	*U*	180		81	
Toluene	UG/KG	*11*	*U*	*13*	*U*	*13*	*U*	*35*	*U*	*13*	*U*	24	J	*59*	*U*

		CFMSD06		CFMSD07		CFMSF08	
		1145		1115		1035	
		10/6/2005		10/6/2005		10/6/2005	
% Moisture	%	51		40		6	
Acetone	UG/KG	*25*	*U*	*24*	*U*	*16*	*U*
Toluene	UG/KG	*25*	*U*	*24*	*U*	*16*	*U*

		BC2SD		BC4DSD		BC4SD	
		1130		1300		1240	
		9/27/2005		9/27/2005		9/27/2005	
% Moisture	%	60		41		50	
1,2,3-Trichlorobenzene	UG/KG	1.8	J	*4.6*	*U*	*6.5*	*U*
Benzene	UG/KG	0.23	J	*2.3*	*U*	*3.3*	*U*
Carbon Disulfide	UG/KG	4.7	J	3.2		4.4	
Isopropylbenzene	UG/KG	14		*2.3*	*U*	*3.3*	*U*
n-Butylbenzene	UG/KG	50	J	*4.6*	*U*	*6.5*	*U*
n-Propylbenzene	UG/KG	51	J	*2.3*	*U*	*3.3*	*U*
p-Isopropyltoluene	UG/KG	43	J	*2.3*	*U*	*3.3*	*U*
sec-Butylbenzene	UG/KG	30	J	*2.3*	*U*	*3.3*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SF-01)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.2e-01	PCI/GDRY	10/06/2005
Bi212		4.72e-01	2.3e-01		PCI/GDRY	10/06/2005
Bi214	*	8.24e-01	6.6e-02		PCI/GDRY	10/06/2005
Co60		ND		2.7e-02	PCI/GDRY	10/06/2005
Cs137		4.51e-02	1.3e-02		PCI/GDRY	10/06/2005
I131		ND		4.9e-02	PCI/GDRY	10/06/2005
K40		7.19e-01	2.2e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.1e+00	PCI/GDRY	10/06/2005
Pb212		4.28e-01	4.3e-02		PCI/GDRY	10/06/2005
Pb214	*	8.75e-01	6.5e-02		PCI/GDRY	10/06/2005
Ra223		1.41e-01	1.0e-01		PCI/GDRY	10/06/2005
Ra226	*	2.28e+00	4.1e-01		PCI/GDRY	10/06/2005
Ra228		4.61e-01	6.2e-02		PCI/GDRY	10/06/2005
Tl208		1.34e-01	2.1e-02		PCI/GDRY	10/06/2005
U235	*	1.42e-01	2.5e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	9.22e-01	1.5e-01	2.6e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SF-02)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.1e-01	PCI/GDRY	10/06/2005
Bi212		3.99e-01	2.2e-01		PCI/GDRY	10/06/2005
Bi214	*	5.10e-01	4.8e-02		PCI/GDRY	10/06/2005
Co60		ND		2.6e-02	PCI/GDRY	10/06/2005
Cs137		1.54e-01	2.0e-02		PCI/GDRY	10/06/2005
I131		ND		4.5e-02	PCI/GDRY	10/06/2005
K40		5.89e-01	2.1e-01		PCI/GDRY	10/06/2005
Pb210		ND		2.8e+00	PCI/GDRY	10/06/2005
Pb212		4.64e-01	4.6e-02		PCI/GDRY	10/06/2005
Pb214	*	5.45e-01	4.9e-02		PCI/GDRY	10/06/2005
Ra223		1.00e-01	1.0e-01		PCI/GDRY	10/06/2005
Ra224		3.93e-01	3.6e-01		PCI/GDRY	10/06/2005
Ra226	*	1.20e+00	3.5e-01		PCI/GDRY	10/06/2005
Ra228		4.67e-01	6.1e-02		PCI/GDRY	10/06/2005
Tl208		1.36e-01	2.1e-02		PCI/GDRY	10/06/2005
U235	*	7.54e-02	2.2e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.85e-01	1.0e-01	2.8e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SF-02S)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.5e-01	PCI/GDRY	10/06/2005
Bi212		3.29e-01	2.4e-01		PCI/GDRY	10/06/2005
Bi214	*	5.06e-01	5.2e-02		PCI/GDRY	10/06/2005
Co60		ND		2.8e-02	PCI/GDRY	10/06/2005
Cs137		1.56e-01	2.1e-02		PCI/GDRY	10/06/2005
I131		ND		5.1e-02	PCI/GDRY	10/06/2005
K40		8.68e-01	2.2e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.1e+00	PCI/GDRY	10/06/2005
Pb212		4.58e-01	4.7e-02		PCI/GDRY	10/06/2005
Pb214	*	5.59e-01	5.2e-02		PCI/GDRY	10/06/2005
Ra223		1.31e-01	9.8e-02		PCI/GDRY	10/06/2005
Ra226	*	1.13e+00	4.1e-01		PCI/GDRY	10/06/2005
Ra228		4.77e-01	6.6e-02		PCI/GDRY	10/06/2005
Tl208		1.33e-01	2.2e-02		PCI/GDRY	10/06/2005
U235	*	7.12e-02	2.6e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	6.70e-01	1.1e-01	3.3e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-03)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.6e-01	PCI/GDRY	10/06/2005
Be7		2.75e-01	1.5e-01		PCI/GDRY	10/06/2005
Bi212		3.51e-01	2.8e-01		PCI/GDRY	10/06/2005
Bi214	*	3.64e-01	6.0e-02		PCI/GDRY	10/06/2005
Co60		ND		5.6e-02	PCI/GDRY	10/06/2005
Cs137		2.39e-02	1.7e-02		PCI/GDRY	10/06/2005
I131		ND		5.1e-02	PCI/GDRY	10/06/2005
K40		2.34e+00	4.2e-01		PCI/GDRY	10/06/2005
Pb210	*	8.85e-01	9.3e-01		PCI/GDRY	10/06/2005
Pb212		4.65e-01	4.8e-02		PCI/GDRY	10/06/2005
Pb214	*	4.35e-01	5.2e-02		PCI/GDRY	10/06/2005
Ra223		1.53e-01	7.5e-02		PCI/GDRY	10/06/2005
Ra224		3.97e-01	3.3e-01		PCI/GDRY	10/06/2005
Ra226	*	1.08e+00	4.0e-01		PCI/GDRY	10/06/2005
Ra228		3.74e-01	7.0e-02		PCI/GDRY	10/06/2005
Th234	*	6.77e-01	2.3e-01		PCI/GDRY	10/06/2005
Tl208		1.42e-01	2.8e-02		PCI/GDRY	10/06/2005
U235	*	6.75e-02	2.5e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	4.90e-01	8.8e-02	2.7e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-04)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		8.7e-02	PCI/GDRY	10/06/2005
Be7		5.55e-02	5.8e-02		PCI/GDRY	10/06/2005
Bi212		4.60e-01	1.3e-01		PCI/GDRY	10/06/2005
Bi214	*	3.84e-01	3.3e-02		PCI/GDRY	10/06/2005
Co60		ND		2.0e-02	PCI/GDRY	10/06/2005
Cs137		ND		2.0e-02	PCI/GDRY	10/06/2005
I131		ND		2.5e-02	PCI/GDRY	10/06/2005
K40		1.11e+00	1.6e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.2e+00	PCI/GDRY	10/06/2005
Pb212		4.38e-01	3.3e-02		PCI/GDRY	10/06/2005
Pb214	*	4.36e-01	3.3e-02		PCI/GDRY	10/06/2005
Ra224		4.03e-01	2.0e-01		PCI/GDRY	10/06/2005
Ra226	*	7.93e-01	1.9e-01		PCI/GDRY	10/06/2005
Ra228		4.13e-01	3.9e-02		PCI/GDRY	10/06/2005
Tl208		1.29e-01	1.4e-02		PCI/GDRY	10/06/2005
U235	*	4.98e-02	1.2e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.77e-01	1.0e-01	3.5e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-05)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		6.3e-01	PCI/GDRY	10/06/2005
Bi212		4.59e-01	4.2e-01		PCI/GDRY	10/06/2005
Bi214	*	4.74e-01	9.8e-02		PCI/GDRY	10/06/2005
Co60		ND		7.8e-02	PCI/GDRY	10/06/2005
Cs137		4.28e-01	5.3e-02		PCI/GDRY	10/06/2005
I131		ND		3.2e-01	PCI/GDRY	10/06/2005
K40		2.32e+00	6.7e-01		PCI/GDRY	10/06/2005
Pb210		ND		9.4e+00	PCI/GDRY	10/06/2005
Pb212		4.93e-01	8.1e-02		PCI/GDRY	10/06/2005
Pb214	*	5.59e-01	8.3e-02		PCI/GDRY	10/06/2005
Ra226	*	1.26e+00	7.6e-01		PCI/GDRY	10/06/2005
Ra228		3.98e-01	1.2e-01		PCI/GDRY	10/06/2005
Th234	*	1.04e+00	6.1e-01		PCI/GDRY	10/06/2005
Tl208		1.35e-01	4.9e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	7.35e-01	1.2e-01	1.9e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-05D)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.4e-01	PCI/GDRY	10/06/2005
Bi212		6.80e-01	3.4e-01		PCI/GDRY	10/06/2005
Bi214	*	6.00e-01	1.0e-01		PCI/GDRY	10/06/2005
Co60		ND		6.1e-02	PCI/GDRY	10/06/2005
Cs137		7.10e-01	6.2e-02		PCI/GDRY	10/06/2005
I131		ND		8.6e-02	PCI/GDRY	10/06/2005
K40		2.90e+00	5.4e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.5e+00	PCI/GDRY	10/06/2005
Pb212		5.55e-01	7.3e-02		PCI/GDRY	10/06/2005
Pb214	*	7.32e-01	8.6e-02		PCI/GDRY	10/06/2005
Ra223		2.33e-01	1.4e-01		PCI/GDRY	10/06/2005
Ra226	*	1.66e+00	7.4e-01		PCI/GDRY	10/06/2005
Ra228		5.93e-01	1.2e-01		PCI/GDRY	10/06/2005
Th234	*	1.61e+00	5.3e-01		PCI/GDRY	10/06/2005
Tl208		1.92e-01	4.4e-02		PCI/GDRY	10/06/2005
U235	*	1.13e-01	4.4e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	7.42e-01	1.2e-01	1.7e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-06)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.0e-01	PCI/GDRY	10/06/2005
Be7		3.53e-01	1.7e-01		PCI/GDRY	10/06/2005
Bi212		1.17e+00	3.3e-01		PCI/GDRY	10/06/2005
Bi214	*	7.05e-01	7.6e-02		PCI/GDRY	10/06/2005
Co60		ND		4.5e-02	PCI/GDRY	10/06/2005
Cs137		5.36e-02	2.1e-02		PCI/GDRY	10/06/2005
I131		ND		6.6e-02	PCI/GDRY	10/06/2005
K40		6.28e+00	6.0e-01		PCI/GDRY	10/06/2005
Pb210		ND		4.6e+00	PCI/GDRY	10/06/2005
Pb212		9.39e-01	7.8e-02		PCI/GDRY	10/06/2005
Pb214	*	7.85e-01	7.3e-02		PCI/GDRY	10/06/2005
Ra223		2.97e-01	1.1e-01		PCI/GDRY	10/06/2005
Ra226	*	1.82e+00	5.8e-01		PCI/GDRY	10/06/2005
Ra228		1.00e+00	1.1e-01		PCI/GDRY	10/06/2005
Tl208		2.63e-01	3.6e-02		PCI/GDRY	10/06/2005
U235	*	1.14e-01	3.6e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	8.82e-01	1.4e-01	3.1e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SD-07)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.8e-01	PCI/GDRY	10/06/2005
Be7		3.12e-01	1.7e-01		PCI/GDRY	10/06/2005
Bi212		5.62e-01	2.8e-01		PCI/GDRY	10/06/2005
Bi214	*	3.64e-01	5.8e-02		PCI/GDRY	10/06/2005
Co60		ND		4.1e-02	PCI/GDRY	10/06/2005
Cs137		6.30e-01	4.8e-02		PCI/GDRY	10/06/2005
I131		ND		6.2e-02	PCI/GDRY	10/06/2005
K40		2.25e+00	3.4e-01		PCI/GDRY	10/06/2005
Pb210		ND		4.9e+00	PCI/GDRY	10/06/2005
Pb212		5.01e-01	5.4e-02		PCI/GDRY	10/06/2005
Pb214	*	4.04e-01	5.4e-02		PCI/GDRY	10/06/2005
Ra224		4.95e-01	3.8e-01		PCI/GDRY	10/06/2005
Ra226		ND		5.9e-01	PCI/GDRY	10/06/2005
Ra228		5.57e-01	8.0e-02		PCI/GDRY	10/06/2005
Th234	*	7.23e-01	3.6e-01		PCI/GDRY	10/06/2005
Tl208		1.66e-01	2.8e-02		PCI/GDRY	10/06/2005
U235	*	8.07e-02	2.8e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.72e-01	6.9e-02	2.6e-02	PCI/GDRY	10/25/2005

Table 4 (Continued)
Data Summary Table – Radionuclides (CFM-SF-08)
Post - Katrina Soil and Sediment Sampling
Chevron Refinery – Pascagoula, First Chemical, and Mississippi Phosphate
Pascagoula, Mississippi
October, 2005

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.5e-01	PCI/GDRY	10/06/2005
Bi212		4.82e-01	2.9e-01		PCI/GDRY	10/06/2005
Bi214	*	4.57e-01	5.2e-02		PCI/GDRY	10/06/2005
Co60		ND		3.2e-02	PCI/GDRY	10/06/2005
Cs137		1.60e-02	1.3e-02		PCI/GDRY	10/06/2005
I131		ND		5.4e-02	PCI/GDRY	10/06/2005
K40		1.04e+00	2.8e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.4e+00	PCI/GDRY	10/06/2005
Pb212		4.38e-01	4.9e-02		PCI/GDRY	10/06/2005
Pb214	*	5.17e-01	5.3e-02		PCI/GDRY	10/06/2005
Ra223		1.14e-01	1.1e-01		PCI/GDRY	10/06/2005
Ra226	*	8.91e-01	4.5e-01		PCI/GDRY	10/06/2005
Ra228		4.66e-01	6.9e-02		PCI/GDRY	10/06/2005
Tl208		1.38e-01	2.4e-02		PCI/GDRY	10/06/2005
U235	*	5.59e-02	2.8e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.54e-01	9.7e-02	2.6e-02	PCI/GDRY	10/25/2005

Table 5
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Omega Protein
Moss Point, Mississippi
October, 2005

		OPSD01		OPSD02		OPSD02D		OPSD03	
		950		900		925		1020	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	7		15		18		19	
Aluminum	MG/KG	9500		5000		7800		4000	
Antimony	MG/KG	0.45	J	1.6	J	*7.4*	*UJ*	*7.4*	*UJ*
Arsenic	MG/KG	1.2	J	3.6	J	2.2	J	1.6	J
Barium	MG/KG	260	J	81	J	18	J	15	J
Beryllium	MG/KG	*0.04*	*UJ*	0.05	J	*0.08*	*UJ*	*0.03*	*UJ*
Calcium	MG/KG	16000	J	970	J	2100	J	180	J
Chromium	MG/KG	10	J	39	J	10	J	8.5	J
Cobalt	MG/KG	3.3	J	4.1	J	1.1	J	0.41	J
Copper	MG/KG	45	J	46	J	6.5	J	13	J
Iron	MG/KG	8800	J	56000	J	10000	J	7700	J
Lead	MG/KG	80	J	130	J	8.8	J	17	J
Magnesium	MG/KG	1800		620		540	J	350	J
Manganese	MG/KG	54	J	350	J	46	J	8.9	J
Nickel	MG/KG	6.7	J	14	J	2.3	J	1.2	J
Potassium	MG/KG	270	J	260	J	240	J	290	J
Sodium	MG/KG	1400		1200		1100		1500	
Thallium	MG/KG	*0.47*	*R*	0.54	J	*3.1*	*U*	*3.1*	*U*
Total Mercury	MG/KG	*0.03*	*UJ*	*0.12*	*U*	*0.12*	*U*	0.15	
Vanadium	MG/KG	18		11		16		12	
Zinc	MG/KG	220		980		44		11	

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 5 (Continued)
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Omega Protein
Moss Point, Mississippi
October, 2005

		ER1DSD		ER1SD	
		1430		1400	
		9/28/2005		9/28/2005	
% Moisture	%	23		20	
Aluminum	MG/KG	180	A	210	
Barium	MG/KG	1.7	A	1	
Calcium	MG/KG	71	A	50	
Iron	MG/KG	270	A	370	
Lead	MG/KG	2.1	A	1.3	
Magnesium	MG/KG	200	A	120	
Manganese	MG/KG	1.7	A	2.5	
Sodium	MG/KG	1300	A	540	
Strontium	MG/KG	1.5	A	1.1	
Titanium	MG/KG	2.6	AJ	2.8	J
Zinc	MG/KG	1.6	A	1.9	

J-Identification of analyte is acceptable; reported value is an estimate.
A-Analyte analyzed in replicate. Reported value is 'average' of replicates.

Table 5 (Continued)
Data Summary Table – Semi-Volatiles
Post - Katrina Soil and Sediment Sampling
Omega Protein
Moss Point, Mississippi
October, 2005

		OPSD01		OPSD02		OPSD02D		OPSD03	
		950		900		925		1020	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	6		14		19		14	
Acenaphthylene	UG/KG	160	J	*380*	*U*	*410*	*U*	*380*	*U*
Acetophenone	UG/KG	300	J	91	J	*410*	*U*	8400	
Anthracene	UG/KG	120	J	*380*	*U*	*410*	*U*	*380*	*U*
Benzaldehyde	UG/KG	*350*	*UJ*	*380*	*UJ*	*410*	*UJ*	1700	J
Benzo(a)Anthracene	UG/KG	1200		*380*	*U*	*410*	*U*	95	J
Benzo(b)Fluoranthene	UG/KG	1600		*380*	*U*	*410*	*U*	210	J
Benzo(ghi)Perylene	UG/KG	750	J	*380*	*UJ*	*410*	*UJ*	*380*	*U*
Benzo(k)Fluoranthene	UG/KG	890		*380*	*U*	*410*	*U*	130	J
Benzo-a-Pyrene	UG/KG	1300		*380*	*U*	*410*	*U*	*380*	*U*
Chrysene	UG/KG	1200		*380*	*U*	*410*	*U*	220	J
Dibenzo(a,h)Anthracene	UG/KG	360	J	*380*	*UJ*	*410*	*UJ*	*380*	*U*
Dimethyl Phthalate	UG/KG	*350*	*U*	570		*410*	*U*	*380*	*U*
Fluoranthene	UG/KG	1900		*380*	*U*	*410*	*U*	320	J
Indeno (1,2,3-cd) Pyrene	UG/KG	1100	J	*380*	*UJ*	*410*	*UJ*	87	J
Phenanthrene	UG/KG	140	J	*380*	*U*	*410*	*U*	*380*	*U*
Phenol	UG/KG	*350*	*U*	*380*	*U*	*410*	*U*	11000	
Pyrene	UG/KG	2000		*380*	*U*	*410*	*U*	270	J

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Table 5 (Continued)
Data Summary Table – Pesticides/PCBs
Post - Katrina Soil and Sediment Sampling
Omega Protein
Moss Point, Mississippi
October, 2005

		OPSD01		OPSD02		OPSD02D		OPSD03	
		950		900		925		1020	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	6		14		19		14	
4,4'-DDE (p,p'-DDE)	UG/KG	*3.5*	*U*	*3.8*	*U*	*4.1*	*U*	19	N
4,4'-DDT (p,p'-DDT)	UG/KG	1.4	J	*3.8*	*U*	*4.1*	*U*	12	N
alpha-Chlordane /2	UG/KG	1.7	NJ	*2*	*U*	*2.1*	*U*	*2*	*U*
Dieldrin	UG/KG	*3.5*	*U*	*3.8*	*U*	*4.1*	*U*	9.7	
Endrin Ketone	UG/KG	*3.5*	*U*	*3.8*	*U*	2	NJ	2.7	NJ
gamma-Chlordane /2	UG/KG	*1.8*	*U*	*2*	*U*	*2.1*	*U*	5.8	
Methoxychlor	UG/KG	8	NJ	*20*	*U*	*21*	*U*	*20*	*U*
PCB-1260 (Aroclor 1260)	UG/KG	*35*	*U*	21	J	*41*	*U*	*38*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification.
/2-constituents or metabolites of technical chlordane

Table 6
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Polychemie, Inc.
Pearlington, Mississippi
October, 2005

		POSD01		POSD01D		POSD02		POSD03		POSF04		POSF05		POSF05S	
		1225		1240		1320		1320		1250		1220		1220	
		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005	
% Moisture	%	80		79		64		26		14		13		14	
Aluminum	MG/KG	15000		11000		9300		1900		2600		5400		5500	
Arsenic	MG/KG	18	J	9	J	7.7	J	1	J	*0.41*	*R*	1.3	J	1.3	J
Barium	MG/KG	52	J	79	J	160	J	390	J	15	J	16	J	16	J
Cadmium	MG/KG	*2.5*	*U*	*2.3*	*U*	*1.4*	*U*	0.92		*0.58*	*U*	*0.57*	*U*	*0.58*	*U*
Calcium	MG/KG	2300	J	2200	J	1900	J	11000	J	2000	J	320	J	380	J
Chromium	MG/KG	19	J	14	J	13	J	3.6	J	2.7	J	5.3	J	5.1	J
Cobalt	MG/KG	5.3	J	7.8	J	7.4	J	1.2	J	0.49	J	0.87	J	0.91	J
Copper	MG/KG	14	J	16	J	14	J	2.9	J	2	J	2.5	J	2.6	J
Iron	MG/KG	41000	J	23000	J	18000	J	3500	J	1900	J	5200	J	5000	J
Lead	MG/KG	26	J	17	J	14	J	8.8	J	6.6	J	6	J	6.5	J
Magnesium	MG/KG	3400		3400		3600		460	J	160	J	210	J	220	J
Manganese	MG/KG	190	J	260	J	380	J	160	J	21	J	160	J	170	J
Nickel	MG/KG	8.1	J	9.7	J	12	J	1.6	J	1.2	J	1.6	J	1.6	J
Potassium	MG/KG	1400	J	1500	J	1900		200	J	89	J	120	J	120	J
Selenium	MG/KG	*17*	*U*	*16*	*U*	*9.8*	*U*	*4.7*	*U*	*4.1*	*U*	*0.27*	*R*	0.58	J
Sodium	MG/KG	9600		9400		8100		830		530	J	440	J	590	
Vanadium	MG/KG	38		28		25		4.3	J	4.6	J	9.8		9.7	
Zinc	MG/KG	85		110		74		83		21		6.3	J	6.5	J

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 6 (Continued)
Data Summary Table – Semi-volatile Organic Compounds
Post - Katrina Soil and Sediment Sampling
Polychemie, Inc.
Pearlington, Mississippi
October, 2005

		POSD01		POSD01D		POSD02		POSD03		POSF04		POSF05		POSF05S	
		1225		1240		1320		1320		1250		1220		1220	
		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005	
% Moisture	%	78		80		58		17		12		13		13	
Benzo(a)Anthracene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	220	J	*380*	*U*	*380*	*U*	*380*	*U*
Benzo(b)Fluoranthene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	210	J	*380*	*U*	*380*	*U*	*380*	*U*
Benzo(ghi)Perylene	UG/KG	*1500*	*UJ*	*1700*	*UJ*	*790*	*UJ*	120	J	*380*	*UJ*	*380*	*UJ*	*380*	*UJ*
Benzo(k)Fluoranthene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	230	J	*380*	*U*	*380*	*U*	*380*	*U*
Benzo-a-Pyrene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	200	J	*380*	*U*	*380*	*U*	*380*	*U*
Chrysene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	280	J	*380*	*U*	*380*	*U*	*380*	*U*
Fluoranthene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	400		*380*	*U*	*380*	*U*	*380*	*U*
Indeno (1,2,3-cd) Pyrene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	150	J	*380*	*U*	*380*	*U*	*380*	*U*
Phenanthrene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	180	J	*380*	*U*	*380*	*U*	*380*	*U*
Pyrene	UG/KG	*1500*	*U*	*1700*	*U*	*790*	*U*	370	J	*380*	*U*	*380*	*U*	*380*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Table 6 (Continued)
Data Summary Table – Pesticides/PCBs
Post - Katrina Soil and Sediment Sampling
Polychemie, Inc.
Pearlington, Mississippi
October, 2005

		POSD01		POSD01D		POSD02		POSD03		POSF04		POSF05		POSF05S	
		1225		1240		1320		1320		1250		1220		1220	
		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005	
% Moisture	%	78		80		58		17		12		13		13	
gamma-Chlordane /2	UG/KG	*7.7*	*U*	*8.5*	*U*	*4*	*U*	*2*	*U*	0.86	J	*2*	*U*	*2*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
/2-constituents or metabolites of technical chlordane

Table 6 (Continued)
Data Summary Table – Volatile Organic Compounds
Post - Katrina Soil and Sediment Sampling
Polychemie, Inc.
Pearlington, Mississippi
October, 2005

		POSD01		POSD01D		POSD02		POSD03		POSF04		POSF05		POSF05S	
		1225		1240		1320		1320		1250		1220		1220	
		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005		10/3/2005	
% Moisture	%	78		80		58		17		12		13		13	
Acetone	UG/KG	*96*	*U*	140		*32*	*U*	*11*	*U*	*10*	*UJ*	*10*	*UJ*	*10*	*UJ*

U-Analyte not detected at or above reporting limit.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Table 7
Data Summary Table – Metals
Post - Katrina Soil and Sediment Sampling
Ershigs Fiberglass
Biloxi, Mississippi
October, 2005

		ERSF01		ERSF01S		ERSF02		ERSF03		ERSD04		ERSD04D		ERSD05	
		915		915		1010		1050		1115		1125		1145	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	45		38		9		20		49		29		52	
Aluminum	MG/KG	4100		5300		2600		3000		15000		3500		4300	
Antimony	MG/KG	*0.4*	*R*	*0.48*	*R*	*6.6*	*UJ*	*7.5*	*UJ*	*0.71*	*R*	*0.55*	*R*	1.2	J
Arsenic	MG/KG	2.2	J	2.3	J	2.7	J	1.3	J	14	J	2.1	J	4.5	J
Barium	MG/KG	75	J	52	J	24	J	29	J	180	J	97	J	430	J
Cadmium	MG/KG	0.27	J	*0.81*	*U*	*0.55*	*U*	*0.63*	*U*	*0.98*	*U*	*0.71*	*U*	*1.1*	*U*
Calcium	MG/KG	19000	J	14000	J	1500	J	5900	J	3200	J	12000	J	2900	J
Chromium	MG/KG	8.1	J	8.7	J	3.9	J	5.9	J	16	J	8.3	J	9.2	J
Cobalt	MG/KG	1.5	J	1.4	J	0.47	J	0.83	J	2.5	J	1.3	J	2.2	J
Copper	MG/KG	48	J	32	J	11	J	9.9	J	39	J	18	J	120	J
Iron	MG/KG	6800	J	6500	J	2600	J	3300	J	11000	J	5400	J	8300	J
Lead	MG/KG	48	J	34	J	71	J	44	J	26	J	91	J	21	J
Magnesium	MG/KG	830	J	770	J	*330*	*UJ*	610	J	1700		2300		1700	
Manganese	MG/KG	120	J	82	J	35	J	74	J	210	J	85	J	73	J
Nickel	MG/KG	4	J	3.9	J	1.4	J	4.8	J	5	J	2.6	J	3	J
Potassium	MG/KG	340	J	370	J	150	J	280	J	700	J	280	J	730	J
Sodium	MG/KG	1800		1400		730		900		2500		1300		4300	
Vanadium	MG/KG	8.8	J	11		4.5	J	5.8	J	23		8.2		11	J
Zinc	MG/KG	1200		580		93		78		110		130		100	

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Table 7 (Continued)
Data Summary Table – Semi-Volatile Organic Compounds
Post - Katrina Soil and Sediment Sampling
Ershigs Fiberglass
Biloxi, Mississippi
October, 2005

		ERSF01		ERSF01S		ERSF02		ERSF03		ERSD04		ERSD04D		ERSD05	
		915		915		1010		1050		1115		1125		1145	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	36		36		9		18		45		32		50	
Acetophenone	UG/KG	170	J	*520*	*U*	*360*	*U*	*400*	*U*	300	J	*490*	*U*	*660*	*U*
Benzo(a)Anthracene	UG/KG	*520*	*U*	*520*	*U*	*360*	*U*	*400*	*U*	*600*	*U*	180	J	*660*	*U*
Benzo(b)Fluoranthene	UG/KG	*520*	*U*	*520*	*U*	*360*	*U*	87	J	*600*	*U*	280	J	*660*	*U*
Benzo(ghi)Perylene	UG/KG	*520*	*UJ*	*520*	*UJ*	*360*	*UJ*	*400*	*UJ*	*600*	*UJ*	250	J	*660*	*UJ*
Benzo(k)Fluoranthene	UG/KG	*520*	*U*	*520*	*U*	80	J	*400*	*U*	*600*	*U*	200	J	*660*	*U*
Benzo-a-Pyrene	UG/KG	*520*	*U*	*520*	*U*	*360*	*U*	*400*	*U*	*600*	*U*	230	J	*660*	*U*
bis(2-Ethylhexyl) Phthalate	UG/KG	*860*	*U*	*1200*	*U*	*360*	*U*	*400*	*U*	*600*	*U*	*490*	*U*	200	J
Chrysene	UG/KG	*520*	*U*	*520*	*U*	81	J	*400*	*U*	*600*	*U*	270	J	*660*	*U*
Fluoranthene	UG/KG	*520*	*U*	*520*	*U*	110	J	100	J	*600*	*U*	530		*660*	*U*
Indeno (1,2,3-cd) Pyrene	UG/KG	*520*	*UJ*	*520*	*UJ*	*360*	*UJ*	*400*	*UJ*	*600*	*UJ*	210	J	*660*	*UJ*
Phenanthrene	UG/KG	*520*	*U*	*520*	*U*	*360*	*U*	*400*	*U*	*600*	*U*	180	J	*660*	*U*
Pyrene	UG/KG	*520*	*U*	*520*	*U*	150	J	96	J	*600*	*U*	460	J	*660*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Table 7 (Continued)
Data Summary Table – Pesticides/PCBs
Post - Katrina Soil and Sediment Sampling
Ershigs Fiberglass
Biloxi, Mississippi
October, 2005

		ERSF01		ERSF01S		ERSF02		ERSF03		ERSD04		ERSD04D		ERSD05	
		915		915		1010		1050		1115		1125		1145	
		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005		10/4/2005	
% Moisture	%	36		36		9		18		45		32		50	
4,4'-DDD (p,p'-DDD)	UG/KG	*5.2*	*UJ*	*5.2*	*UJ*	*3.6*	*UJ*	*4*	*UJ*	3.3	NJ	2	J	*6.6*	*UJ*
4,4'-DDE (p,p'-DDE)	UG/KG	*5.2*	*U*	1.1	NJ	6.3		5.6		6.5		4.9	N	2	J
4,4'-DDT (p,p'-DDT)	UG/KG	*5.2*	*U*	*5.2*	*U*	6.2	N	9.9		12		3.9	J	2.7	J
Aldrin	UG/KG	*2.7*	*U*	*2.7*	*U*	*1.9*	*U*	0.91	NJ	15	N	*2.5*	*U*	*3.4*	*U*
alpha-Chlordane /2	UG/KG	*2.7*	*U*	*3*	*U*	*17*	*U*	*18*	*U*	*24*	N	8.4	N	*6.5*	*U*
Dieldrin	UG/KG	*5.2*	*U*	1.3	J	7.2		9.4		12		7.1		4.6	NJ
Endosulfan Sulfate	UG/KG	*5.2*	*U*	1.2	J	*3.6*	*U*	*4*	*U*	*6*	*U*	*4.9*	*U*	*6.6*	*U*
gamma-Chlordane /2	UG/KG	*2.7*	*U*	3.5	N	11	N	19	N	23	N	*6.6*	*U*	8.4	
Methoxychlor	UG/KG	*27*	*U*	*27*	*U*	*19*	*U*	*21*	*U*	*31*	*U*	6.8	J	*34*	*U*

U-Analyte not detected at or above reporting limit.
J-Identification of analyte is acceptable; reported value is an estimate.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification.
NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
/2-constituents or metabolites of technical chlordane.

Table 8
Data Summary Table – Volatile Trip Blanks
Post - Katrina Soil and Sediment Sampling
Ershigs Fiberglass
Biloxi, Mississippi
October, 2005

		POTB901		TB902		TB903		TB904
		1521		1229		1426		1427
		10/3/2005		10/4/2005		10/6/2005		10/6/2005
% Moisture	%	0		0		0		0
Acetone	UG/KG	11		*14*	*UJ*	17		14

UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.

Appendix C
Laboratory Data Sheets

Sample **9518** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF08 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ4
D No: 3AJ4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
350 U	UG/KG	Benzaldehyde
350 U	UG/KG	Phenol
350 U	UG/KG	bis(2-Chloroethyl) Ether
350 U	UG/KG	2-Chlorophenol
350 U	UG/KG	2-Methylphenol
350 U	UG/KG	bis(2-Chloroisopropyl) Ether
350 U	UG/KG	Acetophenone
350 U	UG/KG	(3-and/or 4-)Methylphenol
350 U	UG/KG	n-Nitroso di-n-Propylamine
350 U	UG/KG	Hexachloroethane
350 U	UG/KG	Nitrobenzene
350 U	UG/KG	Isophorone
350 U	UG/KG	2-Nitrophenol
350 U	UG/KG	2,4-Dimethylphenol
350 U	UG/KG	bis(2-Chloroethoxy)Methane
350 U	UG/KG	2,4-Dichlorophenol
350 U	UG/KG	Naphthalene
350 U	UG/KG	4-Chloroaniline
350 U	UG/KG	Hexachlorobutadiene
350 U	UG/KG	Caprolactam
350 U	UG/KG	4-Chloro-3-Methylphenol
350 U	UG/KG	2-Methylnaphthalene
350 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
350 U	UG/KG	2,4,6-Trichlorophenol
880 U	UG/KG	2,4,5-Trichlorophenol
350 U	UG/KG	1,1-Biphenyl
350 U	UG/KG	2-Chloronaphthalene
880 U	UG/KG	2-Nitroaniline
350 U	UG/KG	Dimethyl Phthalate
350 U	UG/KG	2,6-Dinitrotoluene
350 U	UG/KG	Acenaphthylene
880 U	UG/KG	3-Nitroaniline
350 U	UG/KG	Acenaphthene
880 U	UG/KG	2,4-Dinitrophenol
880 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
350 U	UG/KG	Dibenzofuran
350 U	UG/KG	2,4-Dinitrotoluene
350 U	UG/KG	Diethyl Phthalate
350 U	UG/KG	Fluorene
350 U	UG/KG	4-Chlorophenyl Phenyl Ether
880 U	UG/KG	4-Nitroaniline
880 U	UG/KG	2-Methyl-4,6-Dinitrophenol
350 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
350 UJ	UG/KG	4-Bromophenyl Phenyl Ether
350 UJ	UG/KG	Hexachlorobenzene (HCB)
350 U	UG/KG	Atrazine
880 U	UG/KG	Pentachlorophenol
350 U	UG/KG	Phenanthrene
350 U	UG/KG	Anthracene
350 U	UG/KG	Carbazole
350 U	UG/KG	Di-n-Butylphthalate
350 U	UG/KG	Fluoranthene
350 U	UG/KG	Pyrene
350 U	UG/KG	Benzyl Butyl Phthalate
350 U	UG/KG	3,3'-Dichlorobenzidine
350 U	UG/KG	Benzo(a)Anthracene
350 U	UG/KG	Chrysene
350 U	UG/KG	bis(2-Ethylhexyl) Phthalate
350 U	UG/KG	Di-n-Octylphthalate
350 U	UG/KG	Benzo(b)Fluoranthene
350 U	UG/KG	Benzo(k)Fluoranthene
350 U	UG/KG	Benzo-a-Pyrene
350 U	UG/KG	Indeno (1,2,3-cd) Pyrene
350 U	UG/KG	Dibenzo(a,h)Anthracene
350 U	UG/KG	Benzo(ghi)Perylene
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9518** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF08 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ4
D No: 3AJ4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:35
Ending:

RESULTS	UNITS	ANALYTE
4200 J	UG/KG	22 UNKNOWNS
89 J	UG/KG	SUBSTITUTED PHENANTHRENE CARBOXYLIC ACID

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9519** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD07 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ5
D No: 3AJ5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
550 U	UG/KG	Benzaldehyde
550 U	UG/KG	Phenol
550 U	UG/KG	bis(2-Chloroethyl) Ether
550 U	UG/KG	2-Chlorophenol
550 U	UG/KG	2-Methylphenol
550 U	UG/KG	bis(2-Chloroisopropyl) Ether
550 U	UG/KG	Acetophenone
550 U	UG/KG	(3-and/or 4-)Methylphenol
550 U	UG/KG	n-Nitroso di-n-Propylamine
550 U	UG/KG	Hexachloroethane
550 U	UG/KG	Nitrobenzene
550 U	UG/KG	Isophorone
550 U	UG/KG	2-Nitrophenol
550 U	UG/KG	2,4-Dimethylphenol
550 U	UG/KG	bis(2-Chloroethoxy)Methane
550 U	UG/KG	2,4-Dichlorophenol
550 U	UG/KG	Naphthalene
550 U	UG/KG	4-Chloroaniline
550 U	UG/KG	Hexachlorobutadiene
550 U	UG/KG	Caprolactam
550 U	UG/KG	4-Chloro-3-Methylphenol
550 U	UG/KG	2-Methylnaphthalene
550 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
550 U	UG/KG	2,4,6-Trichlorophenol
1400 U	UG/KG	2,4,5-Trichlorophenol
550 U	UG/KG	1,1-Biphenyl
550 U	UG/KG	2-Chloronaphthalene
1400 U	UG/KG	2-Nitroaniline
550 U	UG/KG	Dimethyl Phthalate
550 U	UG/KG	2,6-Dinitrotoluene
550 U	UG/KG	Acenaphthylene
1400 U	UG/KG	3-Nitroaniline
550 U	UG/KG	Acenaphthene
1400 U	UG/KG	2,4-Dinitrophenol
1400 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
550 U	UG/KG	Dibenzofuran
550 U	UG/KG	2,4-Dinitrotoluene
550 U	UG/KG	Diethyl Phthalate
550 U	UG/KG	Fluorene
550 U	UG/KG	4-Chlorophenyl Phenyl Ether
1400 U	UG/KG	4-Nitroaniline
1400 U	UG/KG	2-Methyl-4,6-Dinitrophenol
550 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
550 UJ	UG/KG	4-Bromophenyl Phenyl Ether
550 UJ	UG/KG	Hexachlorobenzene (HCB)
550 U	UG/KG	Atrazine
1400 U	UG/KG	Pentachlorophenol
550 U	UG/KG	Phenanthrene
550 U	UG/KG	Anthracene
550 U	UG/KG	Carbazole
550 U	UG/KG	Di-n-Butylphthalate
550 U	UG/KG	Fluoranthene
550 U	UG/KG	Pyrene
550 U	UG/KG	Benzyl Butyl Phthalate
550 U	UG/KG	3,3'-Dichlorobenzidine
550 U	UG/KG	Benzo(a)Anthracene
550 U	UG/KG	Chrysene
550 U	UG/KG	bis(2-Ethylhexyl) Phthalate
550 U	UG/KG	Di-n-Octylphthalate
550 U	UG/KG	Benzo(b)Fluoranthene
550 U	UG/KG	Benzo(k)Fluoranthene
550 U	UG/KG	Benzo-a-Pyrene
550 U	UG/KG	Indeno (1,2,3-cd) Pyrene
550 U	UG/KG	Dibenzo(a,h)Anthracene
550 U	UG/KG	Benzo(ghi)Perylene
40	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9519** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD07 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ5
D No: 3AJ5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:15
Ending:

RESULTS	UNITS	ANALYTE
8700 J	UG/KG	24 UNKNOWNS
550 NJ	UG/KG	EUCALYPTOL
210 NJ	UG/KG	CARYOPHYLLENE
210 NJ	UG/KG	HEXADECANOIC ACID, METHYL ESTER
210 NJ	UG/KG	N-HEXADECANOIC ACID
1000 NJ	UG/KG	STIGMASTEROL, 22,23-DIHYDRO-
1200 NJ	UG/KG	STIGMAST-4-EN-3-ONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9520** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ6
D No: 3AJ6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
430 U	UG/KG	Benzaldehyde
430 U	UG/KG	Phenol
430 U	UG/KG	bis(2-Chloroethyl) Ether
430 U	UG/KG	2-Chlorophenol
430 U	UG/KG	2-Methylphenol
430 U	UG/KG	bis(2-Chloroisopropyl) Ether
430 U	UG/KG	Acetophenone
430 U	UG/KG	(3-and/or 4-)Methylphenol
430 U	UG/KG	n-Nitroso di-n-Propylamine
430 U	UG/KG	Hexachloroethane
430 U	UG/KG	Nitrobenzene
430 U	UG/KG	Isophorone
430 U	UG/KG	2-Nitrophenol
430 U	UG/KG	2,4-Dimethylphenol
430 U	UG/KG	bis(2-Chloroethoxy)Methane
430 U	UG/KG	2,4-Dichlorophenol
430 U	UG/KG	Naphthalene
430 U	UG/KG	4-Chloroaniline
430 U	UG/KG	Hexachlorobutadiene
430 U	UG/KG	Caprolactam
430 U	UG/KG	4-Chloro-3-Methylphenol
430 U	UG/KG	2-Methylnaphthalene
430 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
430 U	UG/KG	2,4,6-Trichlorophenol
1100 U	UG/KG	2,4,5-Trichlorophenol
430 U	UG/KG	1,1-Biphenyl
430 U	UG/KG	2-Chloronaphthalene
1100 U	UG/KG	2-Nitroaniline
430 U	UG/KG	Dimethyl Phthalate
430 U	UG/KG	2,6-Dinitrotoluene
430 U	UG/KG	Acenaphthylene
1100 U	UG/KG	3-Nitroaniline
430 U	UG/KG	Acenaphthene
1100 U	UG/KG	2,4-Dinitrophenol
1100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
430 U	UG/KG	Dibenzofuran
430 U	UG/KG	2,4-Dinitrotoluene
430 U	UG/KG	Diethyl Phthalate
430 U	UG/KG	Fluorene
430 U	UG/KG	4-Chlorophenyl Phenyl Ether
1100 U	UG/KG	4-Nitroaniline
1100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
430 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
430 UJ	UG/KG	4-Bromophenyl Phenyl Ether
430 UJ	UG/KG	Hexachlorobenzene (HCB)
430 U	UG/KG	Atrazine
1100 U	UG/KG	Pentachlorophenol
430 U	UG/KG	Phenanthrene
430 U	UG/KG	Anthracene
430 U	UG/KG	Carbazole
430 U	UG/KG	Di-n-Butylphthalate
430 U	UG/KG	Fluoranthene
430 U	UG/KG	Pyrene
430 U	UG/KG	Benzyl Butyl Phthalate
430 U	UG/KG	3,3'-Dichlorobenzidine
430 U	UG/KG	Benzo(a)Anthracene
430 U	UG/KG	Chrysene
430 U	UG/KG	bis(2-Ethylhexyl) Phthalate
430 U	UG/KG	Di-n-Octylphthalate
430 U	UG/KG	Benzo(b)Fluoranthene
430 U	UG/KG	Benzo(k)Fluoranthene
430 U	UG/KG	Benzo-a-Pyrene
430 U	UG/KG	Indeno (1,2,3-cd) Pyrene
430 U	UG/KG	Dibenzo(a,h)Anthracene
430 U	UG/KG	Benzo(ghi)Perylene
23	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9520** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ6
D No: 3AJ6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

RESULTS	UNITS	ANALYTE
1400 J	UG/KG	8 UNKNOWNS
340 NJ	UG/KG	.GAMMA.-SITOSTEROL
800 NJ	UG/KG	A'-NEOGAMMACER-22(29)-EN-3-ONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9521** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ7
D No: 3AJ7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
420 U	UG/KG	Benzaldehyde
420 U	UG/KG	Phenol
420 U	UG/KG	bis(2-Chloroethyl) Ether
420 U	UG/KG	2-Chlorophenol
420 U	UG/KG	2-Methylphenol
420 U	UG/KG	bis(2-Chloroisopropyl) Ether
420 U	UG/KG	Acetophenone
420 U	UG/KG	(3-and/or 4-)Methylphenol
420 U	UG/KG	n-Nitroso di-n-Propylamine
420 U	UG/KG	Hexachloroethane
420 U	UG/KG	Nitrobenzene
420 U	UG/KG	Isophorone
420 U	UG/KG	2-Nitrophenol
420 U	UG/KG	2,4-Dimethylphenol
420 U	UG/KG	bis(2-Chloroethoxy)Methane
420 U	UG/KG	2,4-Dichlorophenol
420 U	UG/KG	Naphthalene
420 U	UG/KG	4-Chloroaniline
420 U	UG/KG	Hexachlorobutadiene
420 U	UG/KG	Caprolactam
420 U	UG/KG	4-Chloro-3-Methylphenol
420 U	UG/KG	2-Methylnaphthalene
420 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
420 U	UG/KG	2,4,6-Trichlorophenol
1100 U	UG/KG	2,4,5-Trichlorophenol
420 U	UG/KG	1,1-Biphenyl
420 U	UG/KG	2-Chloronaphthalene
1100 U	UG/KG	2-Nitroaniline
420 U	UG/KG	Dimethyl Phthalate
420 U	UG/KG	2,6-Dinitrotoluene
420 U	UG/KG	Acenaphthylene
1100 U	UG/KG	3-Nitroaniline
420 U	UG/KG	Acenaphthene
1100 U	UG/KG	2,4-Dinitrophenol
1100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
420 U	UG/KG	Dibenzofuran
420 U	UG/KG	2,4-Dinitrotoluene
420 U	UG/KG	Diethyl Phthalate
420 U	UG/KG	Fluorene
420 U	UG/KG	4-Chlorophenyl Phenyl Ether
1100 U	UG/KG	4-Nitroaniline
1100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
420 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
420 UJ	UG/KG	4-Bromophenyl Phenyl Ether
420 UJ	UG/KG	Hexachlorobenzene (HCB)
420 U	UG/KG	Atrazine
1100 U	UG/KG	Pentachlorophenol
420 U	UG/KG	Phenanthrene
420 U	UG/KG	Anthracene
420 U	UG/KG	Carbazole
420 U	UG/KG	Di-n-Butylphthalate
420 U	UG/KG	Fluoranthene
420 U	UG/KG	Pyrene
420 U	UG/KG	Benzyl Butyl Phthalate
420 U	UG/KG	3,3'-Dichlorobenzidine
420 U	UG/KG	Benzo(a)Anthracene
420 U	UG/KG	Chrysene
420 U	UG/KG	bis(2-Ethylhexyl) Phthalate
420 U	UG/KG	Di-n-Octylphthalate
420 U	UG/KG	Benzo(b)Fluoranthene
420 U	UG/KG	Benzo(k)Fluoranthene
420 U	UG/KG	Benzo-a-Pyrene
420 U	UG/KG	Indeno (1,2,3-cd) Pyrene
420 U	UG/KG	Dibenzo(a,h)Anthracene
420 U	UG/KG	Benzo(ghi)Perylene
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9521** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ7
D No: 3AJ7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

RESULTS	UNITS	ANALYTE
5300 J	UG/KG	21 UNKNOWNS
100 NJ	UG/KG	SUBSTITUTED PHENANTHRENECARBOXYLIC ACID
770 NJ	UG/KG	.GAMMA.-SITOSTEROL
460 NJ	UG/KG	2,5 -HEXANEDIONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9522** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ8
D No: 3AJ8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:55
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
360 U	UG/KG	Benzaldehyde
360 U	UG/KG	Phenol
360 U	UG/KG	bis(2-Chloroethyl) Ether
360 U	UG/KG	2-Chlorophenol
360 U	UG/KG	2-Methylphenol
360 U	UG/KG	bis(2-Chloroisopropyl) Ether
360 U	UG/KG	Acetophenone
360 U	UG/KG	(3-and/or 4-)Methylphenol
360 U	UG/KG	n-Nitroso di-n-Propylamine
360 U	UG/KG	Hexachloroethane
360 U	UG/KG	Nitrobenzene
360 U	UG/KG	Isophorone
360 U	UG/KG	2-Nitrophenol
360 U	UG/KG	2,4-Dimethylphenol
360 U	UG/KG	bis(2-Chloroethoxy)Methane
360 U	UG/KG	2,4-Dichlorophenol
360 U	UG/KG	Naphthalene
360 U	UG/KG	4-Chloroaniline
360 U	UG/KG	Hexachlorobutadiene
360 U	UG/KG	Caprolactam
360 U	UG/KG	4-Chloro-3-Methylphenol
360 U	UG/KG	2-Methylnaphthalene
360 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
360 U	UG/KG	2,4,6-Trichlorophenol
910 U	UG/KG	2,4,5-Trichlorophenol
360 U	UG/KG	1,1-Biphenyl
360 U	UG/KG	2-Chloronaphthalene
910 U	UG/KG	2-Nitroaniline
360 U	UG/KG	Dimethyl Phthalate
360 U	UG/KG	2,6-Dinitrotoluene
360 U	UG/KG	Acenaphthylene
910 U	UG/KG	3-Nitroaniline
360 U	UG/KG	Acenaphthene
910 U	UG/KG	2,4-Dinitrophenol
910 U	UG/KG	4-Nitrophenol
360 U	UG/KG	Dibenzofuran
360 U	UG/KG	2,4-Dinitrotoluene
360 U	UG/KG	Diethyl Phthalate
360 U	UG/KG	Fluorene
360 U	UG/KG	4-Chlorophenyl Phenyl Ether
910 U	UG/KG	4-Nitroaniline
910 U	UG/KG	2-Methyl-4,6-Dinitrophenol
360 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
360 UJ	UG/KG	4-Bromophenyl Phenyl Ether
360 UJ	UG/KG	Hexachlorobenzene (HCB)
360 U	UG/KG	Atrazine
910 U	UG/KG	Pentachlorophenol
360 U	UG/KG	Phenanthrene
360 U	UG/KG	Anthracene
360 U	UG/KG	Carbazole
360 U	UG/KG	Di-n-Butylphthalate
360 U	UG/KG	Fluoranthene
360 U	UG/KG	Pyrene
360 U	UG/KG	Benzyl Butyl Phthalate
360 U	UG/KG	3,3'-Dichlorobenzidine
360 U	UG/KG	Benzo(a)Anthracene
360 U	UG/KG	Chrysene
360 U	UG/KG	bis(2-Ethylhexyl) Phthalate
360 U	UG/KG	Di-n-Octylphthalate
360 U	UG/KG	Benzo(b)Fluoranthene
360 U	UG/KG	Benzo(k)Fluoranthene
360 U	UG/KG	Benzo-a-Pyrene
360 U	UG/KG	Indeno (1,2,3-cd) Pyrene
360 U	UG/KG	Dibenzo(a,h)Anthracene
360 U	UG/KG	Benzo(ghi)Perylene
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9522** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ8
D No: 3AJ8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:55
Ending:

RESULTS	UNITS	ANALYTE
1900 J	UG/KG	12 UNKNOWNS
81 NJ	UG/KG	1-(10-METHYLANTHRACEN-9-YL)ETHANONE
390 NJ	UG/KG	1-NAPHTHALENECARBOXYLIC ACID, DECAHYDRO-

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9523** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
670 U	UG/KG	Benzaldehyde
670 U	UG/KG	Phenol
670 U	UG/KG	bis(2-Chloroethyl) Ether
670 U	UG/KG	2-Chlorophenol
670 U	UG/KG	2-Methylphenol
670 U	UG/KG	bis(2-Chloroisopropyl) Ether
670 U	UG/KG	Acetophenone
670 U	UG/KG	(3-and/or 4-)Methylphenol
670 U	UG/KG	n-Nitroso di-n-Propylamine
670 U	UG/KG	Hexachloroethane
670 U	UG/KG	Nitrobenzene
670 U	UG/KG	Isophorone
670 U	UG/KG	2-Nitrophenol
670 U	UG/KG	2,4-Dimethylphenol
670 U	UG/KG	bis(2-Chloroethoxy)Methane
670 U	UG/KG	2,4-Dichlorophenol
670 U	UG/KG	Naphthalene
670 U	UG/KG	4-Chloroaniline
670 U	UG/KG	Hexachlorobutadiene
670 U	UG/KG	Caprolactam
670 U	UG/KG	4-Chloro-3-Methylphenol
670 U	UG/KG	2-Methylnaphthalene
670 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
670 U	UG/KG	2,4,6-Trichlorophenol
1700 U	UG/KG	2,4,5-Trichlorophenol
670 U	UG/KG	1,1-Biphenyl
670 U	UG/KG	2-Chloronaphthalene
1700 U	UG/KG	2-Nitroaniline
670 U	UG/KG	Dimethyl Phthalate
670 U	UG/KG	2,6-Dinitrotoluene
670 U	UG/KG	Acenaphthylene
1700 U	UG/KG	3-Nitroaniline
670 U	UG/KG	Acenaphthene
1700 U	UG/KG	2,4-Dinitrophenol
1700 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
670 U	UG/KG	Dibenzofuran
670 U	UG/KG	2,4-Dinitrotoluene
670 U	UG/KG	Diethyl Phthalate
670 U	UG/KG	Fluorene
670 U	UG/KG	4-Chlorophenyl Phenyl Ether
1700 U	UG/KG	4-Nitroaniline
1700 U	UG/KG	2-Methyl-4,6-Dinitrophenol
670 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
670 UJ	UG/KG	4-Bromophenyl Phenyl Ether
670 UJ	UG/KG	Hexachlorobenzene (HCB)
670 U	UG/KG	Atrazine
1700 U	UG/KG	Pentachlorophenol
670 U	UG/KG	Phenanthrene
670 U	UG/KG	Anthracene
670 U	UG/KG	Carbazole
670 U	UG/KG	Di-n-Butylphthalate
670 U	UG/KG	Fluoranthene
670 U	UG/KG	Pyrene
670 U	UG/KG	Benzyl Butyl Phthalate
670 U	UG/KG	3,3'-Dichlorobenzidine
670 U	UG/KG	Benzo(a)Anthracene
670 U	UG/KG	Chrysene
670 U	UG/KG	bis(2-Ethylhexyl) Phthalate
670 U	UG/KG	Di-n-Octylphthalate
670 U	UG/KG	Benzo(b)Fluoranthene
670 U	UG/KG	Benzo(k)Fluoranthene
670 U	UG/KG	Benzo-a-Pyrene
670 U	UG/KG	Indeno (1,2,3-cd) Pyrene
670 U	UG/KG	Dibenzo(a,h)Anthracene
670 U	UG/KG	Benzo(ghi)Perylene
51	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9523** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

RESULTS	UNITS	ANALYTE
15000 J	UG/KG	17 UNKNOWNS
310 NJ	UG/KG	N-HEXADECANOIC ACID
280 NJ	UG/KG	SQUALENE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9524** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1400 U	UG/KG	Benzaldehyde
1400 U	UG/KG	Phenol
1400 U	UG/KG	bis(2-Chloroethyl) Ether
1400 U	UG/KG	2-Chlorophenol
1400 U	UG/KG	2-Methylphenol
1400 U	UG/KG	bis(2-Chloroisopropyl) Ether
1400 U	UG/KG	Acetophenone
1400 U	UG/KG	(3-and/or 4-)Methylphenol
1400 U	UG/KG	n-Nitroso di-n-Propylamine
1400 U	UG/KG	Hexachloroethane
1400 U	UG/KG	Nitrobenzene
1400 U	UG/KG	Isophorone
1400 U	UG/KG	2-Nitrophenol
1400 U	UG/KG	2,4-Dimethylphenol
1400 U	UG/KG	bis(2-Chloroethoxy)Methane
1400 U	UG/KG	2,4-Dichlorophenol
1400 U	UG/KG	Naphthalene
1400 U	UG/KG	4-Chloroaniline
1400 U	UG/KG	Hexachlorobutadiene
1400 U	UG/KG	Caprolactam
1400 U	UG/KG	4-Chloro-3-Methylphenol
1400 U	UG/KG	2-Methylnaphthalene
1400 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
1400 U	UG/KG	2,4,6-Trichlorophenol
3600 U	UG/KG	2,4,5-Trichlorophenol
1400 U	UG/KG	1,1-Biphenyl
1400 U	UG/KG	2-Chloronaphthalene
3600 U	UG/KG	2-Nitroaniline
1400 U	UG/KG	Dimethyl Phthalate
1400 U	UG/KG	2,6-Dinitrotoluene
1400 U	UG/KG	Acenaphthylene
3600 U	UG/KG	3-Nitroaniline
1400 U	UG/KG	Acenaphthene
3600 U	UG/KG	2,4-Dinitrophenol
3600 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
1400 U	UG/KG	Dibenzofuran
1400 U	UG/KG	2,4-Dinitrotoluene
1400 U	UG/KG	Diethyl Phthalate
1400 U	UG/KG	Fluorene
1400 U	UG/KG	4-Chlorophenyl Phenyl Ether
3600 U	UG/KG	4-Nitroaniline
3600 U	UG/KG	2-Methyl-4,6-Dinitrophenol
1400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1400 UJ	UG/KG	4-Bromophenyl Phenyl Ether
1400 UJ	UG/KG	Hexachlorobenzene (HCB)
1400 U	UG/KG	Atrazine
3600 U	UG/KG	Pentachlorophenol
1400 U	UG/KG	Phenanthrene
1400 U	UG/KG	Anthracene
1400 U	UG/KG	Carbazole
1400 U	UG/KG	Di-n-Butylphthalate
1400 U	UG/KG	Fluoranthene
1400 U	UG/KG	Pyrene
1400 U	UG/KG	Benzyl Butyl Phthalate
1400 U	UG/KG	3,3'-Dichlorobenzidine
1400 U	UG/KG	Benzo(a)Anthracene
1400 U	UG/KG	Chrysene
1400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1400 U	UG/KG	Di-n-Octylphthalate
1400 U	UG/KG	Benzo(b)Fluoranthene
1400 U	UG/KG	Benzo(k)Fluoranthene
1400 U	UG/KG	Benzo-a-Pyrene
1400 U	UG/KG	Indeno (1,2,3-cd) Pyrene
1400 U	UG/KG	Dibenzo(a,h)Anthracene
1400 U	UG/KG	Benzo(ghi)Perylene
77	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9524** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

RESULTS	UNITS	ANALYTE
870 NJ	UG/KG	BICYCLO [3.1.1] HEPTANE, 6,6,DIMETHYL-2-METHYL-
74000 J	UG/KG	26 UNKNOWNS
1600 NJ	UG/KG	N-HEXADECANOIC ACID
5300 NJ	UG/KG	STIGMAST-4-EN-3-ONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9525** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05D /
Media: SEDIMENT

Case No: 34717
MD No: 3AK1
D No: 3AK1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1200 U	UG/KG	Benzaldehyde
1200 U	UG/KG	Phenol
1200 U	UG/KG	bis(2-Chloroethyl) Ether
1200 U	UG/KG	2-Chlorophenol
1200 U	UG/KG	2-Methylphenol
1200 U	UG/KG	bis(2-Chloroisopropyl) Ether
1200 U	UG/KG	Acetophenone
1200 U	UG/KG	(3-and/or 4-)Methylphenol
1200 U	UG/KG	n-Nitroso di-n-Propylamine
1200 U	UG/KG	Hexachloroethane
1200 U	UG/KG	Nitrobenzene
1200 U	UG/KG	Isophorone
1200 U	UG/KG	2-Nitrophenol
1200 U	UG/KG	2,4-Dimethylphenol
1200 U	UG/KG	bis(2-Chloroethoxy)Methane
1200 U	UG/KG	2,4-Dichlorophenol
1200 U	UG/KG	Naphthalene
1200 U	UG/KG	4-Chloroaniline
1200 U	UG/KG	Hexachlorobutadiene
1200 U	UG/KG	Caprolactam
1200 U	UG/KG	4-Chloro-3-Methylphenol
1200 U	UG/KG	2-Methylnaphthalene
1200 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
1200 U	UG/KG	2,4,6-Trichlorophenol
3100 U	UG/KG	2,4,5-Trichlorophenol
1200 U	UG/KG	1,1-Biphenyl
1200 U	UG/KG	2-Chloronaphthalene
3100 U	UG/KG	2-Nitroaniline
1200 U	UG/KG	Dimethyl Phthalate
1200 U	UG/KG	2,6-Dinitrotoluene
1200 U	UG/KG	Acenaphthylene
3100 U	UG/KG	3-Nitroaniline
1200 U	UG/KG	Acenaphthene
3100 U	UG/KG	2,4-Dinitrophenol
3100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
1200 U	UG/KG	Dibenzofuran
1200 U	UG/KG	2,4-Dinitrotoluene
1200 U	UG/KG	Diethyl Phthalate
1200 U	UG/KG	Fluorene
1200 U	UG/KG	4-Chlorophenyl Phenyl Ether
3100 U	UG/KG	4-Nitroaniline
3100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
1200 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1200 UJ	UG/KG	4-Bromophenyl Phenyl Ether
1200 UJ	UG/KG	Hexachlorobenzene (HCB)
1200 U	UG/KG	Atrazine
3100 U	UG/KG	Pentachlorophenol
1200 U	UG/KG	Phenanthrene
1200 U	UG/KG	Anthracene
1200 U	UG/KG	Carbazole
1200 U	UG/KG	Di-n-Butylphthalate
1200 U	UG/KG	Fluoranthene
1200 U	UG/KG	Pyrene
1200 U	UG/KG	Benzyl Butyl Phthalate
1200 U	UG/KG	3,3'-Dichlorobenzidine
1200 U	UG/KG	Benzo(a)Anthracene
1200 U	UG/KG	Chrysene
1200 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1200 U	UG/KG	Di-n-Octylphthalate
1200 U	UG/KG	Benzo(b)Fluoranthene
1200 U	UG/KG	Benzo(k)Fluoranthene
1200 U	UG/KG	Benzo-a-Pyrene
1200 U	UG/KG	Indeno (1,2,3-cd) Pyrene
1200 U	UG/KG	Dibenzo(a,h)Anthracene
1200 U	UG/KG	Benzo(ghi)Perylene
73	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9525** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05D /
Media: SEDIMENT

Case No: 34717
MD No: 3AK1
D No: 3AK1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:45
Ending:

RESULTS	UNITS	ANALYTE
58000 J	UG/KG	28 UNKNOWNS
1500 NJ	UG/KG	15-ISOBUTYL-(13ALPHAH)-ISOCOPALANE
4400 NJ	UG/KG	STIGMAST-4-EN-3-ONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9526** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK2
D No: 3AK2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
720 U	UG/KG	Benzaldehyde
720 U	UG/KG	Phenol
720 U	UG/KG	bis(2-Chloroethyl) Ether
720 U	UG/KG	2-Chlorophenol
720 U	UG/KG	2-Methylphenol
720 U	UG/KG	bis(2-Chloroisopropyl) Ether
720 U	UG/KG	Acetophenone
720 U	UG/KG	(3-and/or 4-)Methylphenol
720 U	UG/KG	n-Nitroso di-n-Propylamine
720 U	UG/KG	Hexachloroethane
720 U	UG/KG	Nitrobenzene
720 U	UG/KG	Isophorone
720 U	UG/KG	2-Nitrophenol
720 U	UG/KG	2,4-Dimethylphenol
720 U	UG/KG	bis(2-Chloroethoxy)Methane
720 U	UG/KG	2,4-Dichlorophenol
720 U	UG/KG	Naphthalene
720 U	UG/KG	4-Chloroaniline
720 U	UG/KG	Hexachlorobutadiene
720 U	UG/KG	Caprolactam
720 U	UG/KG	4-Chloro-3-Methylphenol
720 U	UG/KG	2-Methylnaphthalene
720 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
720 U	UG/KG	2,4,6-Trichlorophenol
1800 U	UG/KG	2,4,5-Trichlorophenol
720 U	UG/KG	1,1-Biphenyl
720 U	UG/KG	2-Chloronaphthalene
1800 U	UG/KG	2-Nitroaniline
720 U	UG/KG	Dimethyl Phthalate
720 U	UG/KG	2,6-Dinitrotoluene
720 U	UG/KG	Acenaphthylene
1800 U	UG/KG	3-Nitroaniline
720 U	UG/KG	Acenaphthene
1800 U	UG/KG	2,4-Dinitrophenol
1800 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
720 U	UG/KG	Dibenzofuran
720 U	UG/KG	2,4-Dinitrotoluene
720 U	UG/KG	Diethyl Phthalate
720 U	UG/KG	Fluorene
720 U	UG/KG	4-Chlorophenyl Phenyl Ether
1800 U	UG/KG	4-Nitroaniline
1800 U	UG/KG	2-Methyl-4,6-Dinitrophenol
720 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
720 UJ	UG/KG	4-Bromophenyl Phenyl Ether
720 UJ	UG/KG	Hexachlorobenzene (HCB)
720 U	UG/KG	Atrazine
1800 U	UG/KG	Pentachlorophenol
720 U	UG/KG	Phenanthrene
720 U	UG/KG	Anthracene
720 U	UG/KG	Carbazole
720 U	UG/KG	Di-n-Butylphthalate
720 U	UG/KG	Fluoranthene
720 U	UG/KG	Pyrene
720 U	UG/KG	Benzyl Butyl Phthalate
720 U	UG/KG	3,3'-Dichlorobenzidine
720 U	UG/KG	Benzo(a)Anthracene
720 U	UG/KG	Chrysene
720 U	UG/KG	bis(2-Ethylhexyl) Phthalate
720 U	UG/KG	Di-n-Octylphthalate
720 U	UG/KG	Benzo(b)Fluoranthene
720 U	UG/KG	Benzo(k)Fluoranthene
720 U	UG/KG	Benzo-a-Pyrene
720 U	UG/KG	Indeno (1,2,3-cd) Pyrene
720 U	UG/KG	Dibenzo(a,h)Anthracene
720 U	UG/KG	Benzo(ghi)Perylene
54	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9526** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK2
D No: 3AK2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:40
Ending:

RESULTS	UNITS	ANALYTE
10000 J	UG/KG	24 UNKNOWNS
540 NJ	UG/KG	HEXADECENOIC ACID, Z-11-
500 NJ	UG/KG	N-HEXADECANOIC ACID
630 NJ	UG/KG	1-EICOSENE
840 NJ	UG/KG	TESTOSTERONE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9527** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
440 U	UG/KG	Benzaldehyde
440 U	UG/KG	Phenol
440 U	UG/KG	bis(2-Chloroethyl) Ether
440 U	UG/KG	2-Chlorophenol
440 U	UG/KG	2-Methylphenol
440 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
440 U	UG/KG	Acetophenone
440 U	UG/KG	(3-and/or 4-)Methylphenol
440 UJ	UG/KG	n-Nitroso di-n-Propylamine
440 UJ	UG/KG	Hexachloroethane
440 U	UG/KG	Nitrobenzene
440 U	UG/KG	Isophorone
440 U	UG/KG	2-Nitrophenol
440 U	UG/KG	2,4-Dimethylphenol
440 U	UG/KG	bis(2-Chloroethoxy)Methane
440 U	UG/KG	2,4-Dichlorophenol
440 U	UG/KG	Naphthalene
440 U	UG/KG	4-Chloroaniline
440 U	UG/KG	Hexachlorobutadiene
440 U	UG/KG	Caprolactam
440 U	UG/KG	4-Chloro-3-Methylphenol
440 U	UG/KG	2-Methylnaphthalene
440 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
440 U	UG/KG	2,4,6-Trichlorophenol
1100 U	UG/KG	2,4,5-Trichlorophenol
440 U	UG/KG	1,1-Biphenyl
440 U	UG/KG	2-Chloronaphthalene
1100 UJ	UG/KG	2-Nitroaniline
440 U	UG/KG	Dimethyl Phthalate
440 U	UG/KG	2,6-Dinitrotoluene
440 U	UG/KG	Acenaphthylene
1100 U	UG/KG	3-Nitroaniline
440 U	UG/KG	Acenaphthene
1100 U	UG/KG	2,4-Dinitrophenol
1100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
440 U	UG/KG	Dibenzofuran
440 U	UG/KG	2,4-Dinitrotoluene
440 U	UG/KG	Diethyl Phthalate
440 U	UG/KG	Fluorene
440 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
1100 U	UG/KG	4-Nitroaniline
1100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
440 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
440 U	UG/KG	4-Bromophenyl Phenyl Ether
440 UJ	UG/KG	Hexachlorobenzene (HCB)
440 U	UG/KG	Atrazine
1100 U	UG/KG	Pentachlorophenol
440 U	UG/KG	Phenanthrene
440 U	UG/KG	Anthracene
440 U	UG/KG	Carbazole
440 U	UG/KG	Di-n-Butylphthalate
440 U	UG/KG	Fluoranthene
440 U	UG/KG	Pyrene
440 U	UG/KG	Benzyl Butyl Phthalate
440 U	UG/KG	3,3'-Dichlorobenzidine
440 U	UG/KG	Benzo(a)Anthracene
440 U	UG/KG	Chrysene
440 U	UG/KG	bis(2-Ethylhexyl) Phthalate
440 U	UG/KG	Di-n-Octylphthalate
440 U	UG/KG	Benzo(b)Fluoranthene
440 U	UG/KG	Benzo(k)Fluoranthene
440 U	UG/KG	Benzo-a-Pyrene
440 U	UG/KG	Indeno (1,2,3-cd) Pyrene
440 U	UG/KG	Dibenzo(a,h)Anthracene
440 U	UG/KG	Benzo(ghi)Perylene
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9527** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

RESULTS	UNITS	ANALYTE
4100 J	UG/KG	17 UNKNOWNS

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9528** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AF9
D No: 3AF9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1500 U	UG/KG	Benzaldehyde
1500 U	UG/KG	Phenol
1500 U	UG/KG	bis(2-Chloroethyl) Ether
1500 U	UG/KG	2-Chlorophenol
1500 U	UG/KG	2-Methylphenol
1500 U	UG/KG	bis(2-Chloroisopropyl) Ether
1500 U	UG/KG	Acetophenone
1500 U	UG/KG	(3-and/or 4-)Methylphenol
1500 U	UG/KG	n-Nitroso di-n-Propylamine
1500 U	UG/KG	Hexachloroethane
1500 U	UG/KG	Nitrobenzene
1500 U	UG/KG	Isophorone
1500 U	UG/KG	2-Nitrophenol
1500 U	UG/KG	2,4-Dimethylphenol
1500 U	UG/KG	bis(2-Chloroethoxy)Methane
1500 U	UG/KG	2,4-Dichlorophenol
1500 U	UG/KG	Naphthalene
1500 U	UG/KG	4-Chloroaniline
1500 U	UG/KG	Hexachlorobutadiene
1500 UR	UG/KG	Caprolactam
1500 U	UG/KG	4-Chloro-3-Methylphenol
1500 U	UG/KG	2-Methylnaphthalene
1500 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
1500 U	UG/KG	2,4,6-Trichlorophenol
3800 U	UG/KG	2,4,5-Trichlorophenol
1500 U	UG/KG	1,1-Biphenyl
1500 U	UG/KG	2-Chloronaphthalene
3800 U	UG/KG	2-Nitroaniline
1500 U	UG/KG	Dimethyl Phthalate
1500 U	UG/KG	2,6-Dinitrotoluene
1500 U	UG/KG	Acenaphthylene
3800 U	UG/KG	3-Nitroaniline
1500 U	UG/KG	Acenaphthene
3800 UJ	UG/KG	2,4-Dinitrophenol
3800 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
1500 U	UG/KG	Dibenzofuran
1500 U	UG/KG	2,4-Dinitrotoluene
1500 U	UG/KG	Diethyl Phthalate
1500 U	UG/KG	Fluorene
1500 U	UG/KG	4-Chlorophenyl Phenyl Ether
3800 U	UG/KG	4-Nitroaniline
3800 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
1500 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1500 U	UG/KG	4-Bromophenyl Phenyl Ether
1500 U	UG/KG	Hexachlorobenzene (HCB)
1500 U	UG/KG	Atrazine
3800 U	UG/KG	Pentachlorophenol
1500 U	UG/KG	Phenanthrene
1500 U	UG/KG	Anthracene
1500 U	UG/KG	Carbazole
1500 U	UG/KG	Di-n-Butylphthalate
1500 U	UG/KG	Fluoranthene
1500 U	UG/KG	Pyrene
1500 U	UG/KG	Benzyl Butyl Phthalate
1500 U	UG/KG	3,3'-Dichlorobenzidine
1500 U	UG/KG	Benzo(a)Anthracene
1500 U	UG/KG	Chrysene
1500 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1500 U	UG/KG	Di-n-Octylphthalate
1500 U	UG/KG	Benzo(b)Fluoranthene
1500 U	UG/KG	Benzo(k)Fluoranthene
1500 U	UG/KG	Benzo-a-Pyrene
1500 U	UG/KG	Indeno (1,2,3-cd) Pyrene
1500 U	UG/KG	Dibenzo(a,h)Anthracene
1500 UJ	UG/KG	Benzo(ghi)Perylene
78	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9528** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AF9
D No: 3AF9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:25
Ending:

RESULTS	UNITS	ANALYTE
20000 J	UG/KG	19 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9529** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG0
D No: 3AG0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1700 U	UG/KG	Benzaldehyde
1700 U	UG/KG	Phenol
1700 U	UG/KG	bis(2-Chloroethyl) Ether
1700 U	UG/KG	2-Chlorophenol
1700 U	UG/KG	2-Methylphenol
1700 U	UG/KG	bis(2-Chloroisopropyl) Ether
1700 U	UG/KG	Acetophenone
1700 U	UG/KG	(3-and/or 4-)Methylphenol
1700 U	UG/KG	n-Nitroso di-n-Propylamine
1700 U	UG/KG	Hexachloroethane
1700 U	UG/KG	Nitrobenzene
1700 U	UG/KG	Isophorone
1700 U	UG/KG	2-Nitrophenol
1700 U	UG/KG	2,4-Dimethylphenol
1700 U	UG/KG	bis(2-Chloroethoxy)Methane
1700 U	UG/KG	2,4-Dichlorophenol
1700 U	UG/KG	Naphthalene
1700 U	UG/KG	4-Chloroaniline
1700 U	UG/KG	Hexachlorobutadiene
1700 UR	UG/KG	Caprolactam
1700 U	UG/KG	4-Chloro-3-Methylphenol
1700 U	UG/KG	2-Methylnaphthalene
1700 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
1700 U	UG/KG	2,4,6-Trichlorophenol
4200 U	UG/KG	2,4,5-Trichlorophenol
1700 U	UG/KG	1,1-Biphenyl
1700 U	UG/KG	2-Chloronaphthalene
4200 U	UG/KG	2-Nitroaniline
1700 U	UG/KG	Dimethyl Phthalate
1700 U	UG/KG	2,6-Dinitrotoluene
1700 U	UG/KG	Acenaphthylene
4200 U	UG/KG	3-Nitroaniline
1700 U	UG/KG	Acenaphthene
4200 UJ	UG/KG	2,4-Dinitrophenol
4200 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
1700 U	UG/KG	Dibenzofuran
1700 U	UG/KG	2,4-Dinitrotoluene
1700 U	UG/KG	Diethyl Phthalate
1700 U	UG/KG	Fluorene
1700 U	UG/KG	4-Chlorophenyl Phenyl Ether
4200 U	UG/KG	4-Nitroaniline
4200 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
1700 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1700 U	UG/KG	4-Bromophenyl Phenyl Ether
1700 U	UG/KG	Hexachlorobenzene (HCB)
1700 U	UG/KG	Atrazine
4200 U	UG/KG	Pentachlorophenol
1700 U	UG/KG	Phenanthrene
1700 U	UG/KG	Anthracene
1700 U	UG/KG	Carbazole
1700 U	UG/KG	Di-n-Butylphthalate
1700 U	UG/KG	Fluoranthene
1700 U	UG/KG	Pyrene
1700 U	UG/KG	Benzyl Butyl Phthalate
1700 U	UG/KG	3,3'-Dichlorobenzidine
1700 U	UG/KG	Benzo(a)Anthracene
1700 U	UG/KG	Chrysene
1700 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1700 U	UG/KG	Di-n-Octylphthalate
1700 U	UG/KG	Benzo(b)Fluoranthene
1700 U	UG/KG	Benzo(k)Fluoranthene
1700 U	UG/KG	Benzo-a-Pyrene
1700 U	UG/KG	Indeno (1,2,3-cd) Pyrene
1700 U	UG/KG	Dibenzo(a,h)Anthracene
1700 UJ	UG/KG	Benzo(ghi)Perylene
80	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9529** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG0
D No: 3AG0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:40
Ending:

RESULTS	UNITS	ANALYTE
8900 J	UG/KG	11 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9530** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG1
D No: 3AG1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
790 U	UG/KG	Benzaldehyde
790 U	UG/KG	Phenol
790 U	UG/KG	bis(2-Chloroethyl) Ether
790 U	UG/KG	2-Chlorophenol
790 U	UG/KG	2-Methylphenol
790 U	UG/KG	bis(2-Chloroisopropyl) Ether
170 J	UG/KG	Acetophenone
790 U	UG/KG	(3-and/or 4-)Methylphenol
790 U	UG/KG	n-Nitroso di-n-Propylamine
790 U	UG/KG	Hexachloroethane
790 U	UG/KG	Nitrobenzene
790 U	UG/KG	Isophorone
790 U	UG/KG	2-Nitrophenol
790 U	UG/KG	2,4-Dimethylphenol
790 U	UG/KG	bis(2-Chloroethoxy)Methane
790 U	UG/KG	2,4-Dichlorophenol
790 U	UG/KG	Naphthalene
790 U	UG/KG	4-Chloroaniline
790 U	UG/KG	Hexachlorobutadiene
790 UR	UG/KG	Caprolactam
790 U	UG/KG	4-Chloro-3-Methylphenol
790 U	UG/KG	2-Methylnaphthalene
790 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
790 U	UG/KG	2,4,6-Trichlorophenol
2000 U	UG/KG	2,4,5-Trichlorophenol
790 U	UG/KG	1,1-Biphenyl
790 U	UG/KG	2-Chloronaphthalene
2000 U	UG/KG	2-Nitroaniline
790 U	UG/KG	Dimethyl Phthalate
790 U	UG/KG	2,6-Dinitrotoluene
790 U	UG/KG	Acenaphthylene
2000 U	UG/KG	3-Nitroaniline
790 U	UG/KG	Acenaphthene
2000 UJ	UG/KG	2,4-Dinitrophenol
2000 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
790 U	UG/KG	Dibenzofuran
790 U	UG/KG	2,4-Dinitrotoluene
790 U	UG/KG	Diethyl Phthalate
790 U	UG/KG	Fluorene
790 U	UG/KG	4-Chlorophenyl Phenyl Ether
2000 U	UG/KG	4-Nitroaniline
2000 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
790 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
790 U	UG/KG	4-Bromophenyl Phenyl Ether
790 U	UG/KG	Hexachlorobenzene (HCB)
790 U	UG/KG	Atrazine
2000 U	UG/KG	Pentachlorophenol
790 U	UG/KG	Phenanthrene
790 U	UG/KG	Anthracene
790 U	UG/KG	Carbazole
790 U	UG/KG	Di-n-Butylphthalate
790 U	UG/KG	Fluoranthene
790 U	UG/KG	Pyrene
790 U	UG/KG	Benzyl Butyl Phthalate
790 U	UG/KG	3,3'-Dichlorobenzidine
790 U	UG/KG	Benzo(a)Anthracene
790 U	UG/KG	Chrysene
790 U	UG/KG	bis(2-Ethylhexyl) Phthalate
790 U	UG/KG	Di-n-Octylphthalate
790 U	UG/KG	Benzo(b)Fluoranthene
790 U	UG/KG	Benzo(k)Fluoranthene
790 U	UG/KG	Benzo-a-Pyrene
790 U	UG/KG	Indeno (1,2,3-cd) Pyrene
790 U	UG/KG	Dibenzo(a,h)Anthracene
790 UJ	UG/KG	Benzo(ghi)Perylene
58	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9530** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG1
D No: 3AG1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

RESULTS	UNITS	ANALYTE
25000 J	UG/KG	28 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9531** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG2
D No: 3AG2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
400 U	UG/KG	Benzaldehyde
400 U	UG/KG	Phenol
400 U	UG/KG	bis(2-Chloroethyl) Ether
400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Methylphenol
400 U	UG/KG	bis(2-Chloroisopropyl) Ether
400 U	UG/KG	Acetophenone
400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	n-Nitroso di-n-Propylamine
400 U	UG/KG	Hexachloroethane
400 U	UG/KG	Nitrobenzene
400 U	UG/KG	Isophorone
400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	bis(2-Chloroethoxy)Methane
400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	Naphthalene
400 U	UG/KG	4-Chloroaniline
400 U	UG/KG	Hexachlorobutadiene
400 UR	UG/KG	Caprolactam
400 U	UG/KG	4-Chloro-3-Methylphenol
400 U	UG/KG	2-Methylnaphthalene
400 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
400 U	UG/KG	2,4,6-Trichlorophenol
1000 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	1,1-Biphenyl
400 U	UG/KG	2-Chloronaphthalene
1000 U	UG/KG	2-Nitroaniline
400 U	UG/KG	Dimethyl Phthalate
400 U	UG/KG	2,6-Dinitrotoluene
400 U	UG/KG	Acenaphthylene
1000 U	UG/KG	3-Nitroaniline
400 U	UG/KG	Acenaphthene
1000 UJ	UG/KG	2,4-Dinitrophenol
1000 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
400 U	UG/KG	Dibenzofuran
400 U	UG/KG	2,4-Dinitrotoluene
400 U	UG/KG	Diethyl Phthalate
400 U	UG/KG	Fluorene
400 U	UG/KG	4-Chlorophenyl Phenyl Ether
1000 U	UG/KG	4-Nitroaniline
1000 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
400 U	UG/KG	4-Bromophenyl Phenyl Ether
400 U	UG/KG	Hexachlorobenzene (HCB)
400 U	UG/KG	Atrazine
1000 U	UG/KG	Pentachlorophenol
180 J	UG/KG	Phenanthrene
400 U	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400	UG/KG	Fluoranthene
370 J	UG/KG	Pyrene
400 U	UG/KG	Benzyl Butyl Phthalate
400 U	UG/KG	3,3'-Dichlorobenzidine
220 J	UG/KG	Benzo(a)Anthracene
280 J	UG/KG	Chrysene
400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Di-n-Octylphthalate
210 J	UG/KG	Benzo(b)Fluoranthene
230 J	UG/KG	Benzo(k)Fluoranthene
200 J	UG/KG	Benzo-a-Pyrene
150 J	UG/KG	Indeno (1,2,3-cd) Pyrene
400 U	UG/KG	Dibenzo(a,h)Anthracene
120 J	UG/KG	Benzo(ghi)Perylene
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9531** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG2
D No: 3AG2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

RESULTS	UNITS	ANALYTE
300 J	UG/KG	3 UNKNOWNS
190 NJ	UG/KG	UNKNOWN PAH
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9532** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG3
D No: 3AG3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 U	UG/KG	bis(2-Chloroisopropyl) Ether
380 U	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	n-Nitroso di-n-Propylamine
380 U	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 UR	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
940 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
940 U	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
940 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
940 UJ	UG/KG	2,4-Dinitrophenol
940 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 U	UG/KG	4-Chlorophenyl Phenyl Ether
940 U	UG/KG	4-Nitroaniline
940 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 U	UG/KG	Hexachlorobenzene (HCB)
380 U	UG/KG	Atrazine
940 U	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 UJ	UG/KG	Benzo(ghi)Perylene
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9532** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG3
D No: 3AG3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:50
Ending:

RESULTS	UNITS	ANALYTE
8400 J	UG/KG	27 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9533** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG4
D No: 3AG4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 U	UG/KG	bis(2-Chloroisopropyl) Ether
380 U	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	n-Nitroso di-n-Propylamine
380 U	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 UR	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
950 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
950 U	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
950 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
950 UJ	UG/KG	2,4-Dinitrophenol
950 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 U	UG/KG	4-Chlorophenyl Phenyl Ether
950 U	UG/KG	4-Nitroaniline
950 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 U	UG/KG	Hexachlorobenzene (HCB)
380 U	UG/KG	Atrazine
950 U	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 UJ	UG/KG	Benzo(ghi)Perylene
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9533** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG4
D No: 3AG4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

RESULTS	UNITS	ANALYTE
21000 J	UG/KG	20 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9534** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG5
D No: 3AG5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 U	UG/KG	bis(2-Chloroisopropyl) Ether
380 U	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	n-Nitroso di-n-Propylamine
380 U	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 UR	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
950 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
950 U	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
950 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
950 UJ	UG/KG	2,4-Dinitrophenol
950 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 U	UG/KG	4-Chlorophenyl Phenyl Ether
950 U	UG/KG	4-Nitroaniline
950 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 U	UG/KG	Hexachlorobenzene (HCB)
380 U	UG/KG	Atrazine
950 U	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 UJ	UG/KG	Benzo(ghi)Perylene
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9534** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG5
D No: 3AG5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

RESULTS	UNITS	ANALYTE
34000 J	UG/KG	22 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9535** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG7
D No: 3AG7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 UJ	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 U	UG/KG	bis(2-Chloroisopropyl) Ether
91 J	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	n-Nitroso di-n-Propylamine
380 U	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 UR	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
970 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
970 U	UG/KG	2-Nitroaniline
570	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
970 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
970 UJ	UG/KG	2,4-Dinitrophenol
970 UJ	UG/KG	4-Nitrophenol
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 U	UG/KG	4-Chlorophenyl Phenyl Ether
970 U	UG/KG	4-Nitroaniline
970 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 U	UG/KG	Hexachlorobenzene (HCB)
380 UJ	UG/KG	Atrazine
970 UJ	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 UJ	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
380 UJ	UG/KG	Dibenzo(a,h)Anthracene
380 UJ	UG/KG	Benzo(ghi)Perylene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9535** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG7
D No: 3AG7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:00
Ending:

RESULTS	UNITS	ANALYTE
7300 J	UG/KG	28 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9536** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG8
D No: 3AG8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
410 UJ	UG/KG	Benzaldehyde
410 U	UG/KG	Phenol
410 U	UG/KG	bis(2-Chloroethyl) Ether
410 U	UG/KG	2-Chlorophenol
410 U	UG/KG	2-Methylphenol
410 U	UG/KG	bis(2-Chloroisopropyl) Ether
410 U	UG/KG	Acetophenone
410 U	UG/KG	(3-and/or 4-)Methylphenol
410 U	UG/KG	n-Nitroso di-n-Propylamine
410 U	UG/KG	Hexachloroethane
410 U	UG/KG	Nitrobenzene
410 U	UG/KG	Isophorone
410 U	UG/KG	2-Nitrophenol
410 U	UG/KG	2,4-Dimethylphenol
410 U	UG/KG	bis(2-Chloroethoxy)Methane
410 U	UG/KG	2,4-Dichlorophenol
410 U	UG/KG	Naphthalene
410 U	UG/KG	4-Chloroaniline
410 U	UG/KG	Hexachlorobutadiene
410 UR	UG/KG	Caprolactam
410 U	UG/KG	4-Chloro-3-Methylphenol
410 U	UG/KG	2-Methylnaphthalene
410 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
410 U	UG/KG	2,4,6-Trichlorophenol
1000 U	UG/KG	2,4,5-Trichlorophenol
410 U	UG/KG	1,1-Biphenyl
410 U	UG/KG	2-Chloronaphthalene
1000 U	UG/KG	2-Nitroaniline
410 U	UG/KG	Dimethyl Phthalate
410 U	UG/KG	2,6-Dinitrotoluene
410 U	UG/KG	Acenaphthylene
1000 U	UG/KG	3-Nitroaniline
410 U	UG/KG	Acenaphthene
1000 UJ	UG/KG	2,4-Dinitrophenol
1000 UJ	UG/KG	4-Nitrophenol
410 U	UG/KG	Dibenzofuran
410 U	UG/KG	2,4-Dinitrotoluene
410 U	UG/KG	Diethyl Phthalate
410 U	UG/KG	Fluorene
410 U	UG/KG	4-Chlorophenyl Phenyl Ether
1000 U	UG/KG	4-Nitroaniline
1000 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
410 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
410 U	UG/KG	4-Bromophenyl Phenyl Ether
410 U	UG/KG	Hexachlorobenzene (HCB)
410 UJ	UG/KG	Atrazine
1000 UJ	UG/KG	Pentachlorophenol
410 U	UG/KG	Phenanthrene
410 U	UG/KG	Anthracene
410 U	UG/KG	Carbazole
410 U	UG/KG	Di-n-Butylphthalate
410 U	UG/KG	Fluoranthene
410 U	UG/KG	Pyrene
410 U	UG/KG	Benzyl Butyl Phthalate
410 UJ	UG/KG	3,3'-Dichlorobenzidine
410 U	UG/KG	Benzo(a)Anthracene
410 U	UG/KG	Chrysene
410 U	UG/KG	bis(2-Ethylhexyl) Phthalate
410 U	UG/KG	Di-n-Octylphthalate
410 U	UG/KG	Benzo(b)Fluoranthene
410 U	UG/KG	Benzo(k)Fluoranthene
410 U	UG/KG	Benzo-a-Pyrene
410 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
410 UJ	UG/KG	Dibenzo(a,h)Anthracene
410 UJ	UG/KG	Benzo(ghi)Perylene
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9536** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG8
D No: 3AG8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:25
Ending:

RESULTS	UNITS	ANALYTE
6200 J	UG/KG	24 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9537** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG9
D No: 3AG9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
350 UJ	UG/KG	Benzaldehyde
350 U	UG/KG	Phenol
350 U	UG/KG	bis(2-Chloroethyl) Ether
350 U	UG/KG	2-Chlorophenol
350 U	UG/KG	2-Methylphenol
350 U	UG/KG	bis(2-Chloroisopropyl) Ether
300 J	UG/KG	Acetophenone
350 U	UG/KG	(3-and/or 4-)Methylphenol
350 U	UG/KG	n-Nitroso di-n-Propylamine
350 U	UG/KG	Hexachloroethane
350 U	UG/KG	Nitrobenzene
350 U	UG/KG	Isophorone
350 U	UG/KG	2-Nitrophenol
350 U	UG/KG	2,4-Dimethylphenol
350 U	UG/KG	bis(2-Chloroethoxy)Methane
350 U	UG/KG	2,4-Dichlorophenol
350 U	UG/KG	Naphthalene
350 U	UG/KG	4-Chloroaniline
350 U	UG/KG	Hexachlorobutadiene
350 UR	UG/KG	Caprolactam
350 U	UG/KG	4-Chloro-3-Methylphenol
350 U	UG/KG	2-Methylnaphthalene
350 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
350 U	UG/KG	2,4,6-Trichlorophenol
880 U	UG/KG	2,4,5-Trichlorophenol
350 U	UG/KG	1,1-Biphenyl
350 U	UG/KG	2-Chloronaphthalene
880 U	UG/KG	2-Nitroaniline
350 U	UG/KG	Dimethyl Phthalate
350 U	UG/KG	2,6-Dinitrotoluene
160 J	UG/KG	Acenaphthylene
880 U	UG/KG	3-Nitroaniline
350 U	UG/KG	Acenaphthene
880 UJ	UG/KG	2,4-Dinitrophenol
880 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
350 U	UG/KG	Dibenzofuran
350 U	UG/KG	2,4-Dinitrotoluene
350 U	UG/KG	Diethyl Phthalate
350 U	UG/KG	Fluorene
350 U	UG/KG	4-Chlorophenyl Phenyl Ether
880 U	UG/KG	4-Nitroaniline
880 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
350 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
350 U	UG/KG	4-Bromophenyl Phenyl Ether
350 U	UG/KG	Hexachlorobenzene (HCB)
350 UJ	UG/KG	Atrazine
880 UJ	UG/KG	Pentachlorophenol
140 J	UG/KG	Phenanthrene
120 J	UG/KG	Anthracene
350 U	UG/KG	Carbazole
350 U	UG/KG	Di-n-Butylphthalate
1900	UG/KG	Fluoranthene
2000	UG/KG	Pyrene
350 U	UG/KG	Benzyl Butyl Phthalate
350 UJ	UG/KG	3,3'-Dichlorobenzidine
1200	UG/KG	Benzo(a)Anthracene
1200	UG/KG	Chrysene
350 U	UG/KG	bis(2-Ethylhexyl) Phthalate
350 U	UG/KG	Di-n-Octylphthalate
1600	UG/KG	Benzo(b)Fluoranthene
890	UG/KG	Benzo(k)Fluoranthene
1300	UG/KG	Benzo-a-Pyrene
1100 J	UG/KG	Indeno (1,2,3-cd) Pyrene
360 J	UG/KG	Dibenzo(a,h)Anthracene
750 J	UG/KG	Benzo(ghi)Perylene
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9537** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG9
D No: 3AG9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:50
Ending:

RESULTS	UNITS	ANALYTE
10000 J	UG/KG	22 UNKNOWNS
250 NJ	UG/KG	CYCLOPENTA (DEF) PHENANTHRENONE
550 NJ	UG/KG	11H-BENZO [B] FLUORENE
380 NJ	UG/KG	2 PYRENE, 1-METHYL-
470 NJ	UG/KG	BENZO [E] PYRENE
N	UG/KG	PETROLEUM PRODUCT
1100 NJ	UG/KG	UNKNOWN PAH

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9538** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH0
D No: 3AH0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1700 J	UG/KG	Benzaldehyde
11000	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 U	UG/KG	bis(2-Chloroisopropyl) Ether
8400	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	n-Nitroso di-n-Propylamine
380 U	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 UR	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
970 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
970 U	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
970 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
970 UJ	UG/KG	2,4-Dinitrophenol
970 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 U	UG/KG	4-Chlorophenyl Phenyl Ether
970 U	UG/KG	4-Nitroaniline
970 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 U	UG/KG	Hexachlorobenzene (HCB)
380 UJ	UG/KG	Atrazine
970 UJ	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
320 J	UG/KG	Fluoranthene
270 J	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 UJ	UG/KG	3,3'-Dichlorobenzidine
95 J	UG/KG	Benzo(a)Anthracene
220 J	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
210 J	UG/KG	Benzo(b)Fluoranthene
130 J	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
87 J	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 U	UG/KG	Benzo(ghi)Perylene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9538** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH0
D No: 3AH0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:20
Ending:

RESULTS	UNITS	ANALYTE
98000 J	UG/KG	24 UNKNOWNS
550 NJ	UG/KG	2-BUTEN-1-ONE, 1,3-DIPHENYL-
480 NJ	UG/KG	6,7,8,9-BENZO[B]FLUORENE
6800 NJ	UG/KG	1,3-PROPANEDIONE, 1,3-DIPHENYL-
1700 NJ	UG/KG	1,3,5-TRIPHENYL-1,5-PENTANEDIONE
370 NJ	UG/KG	1,1':3',1' ':3' ',1' ' '-QUATERPHENYL
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9539** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH1
D No: 3AH1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
520 UJ	UG/KG	Benzaldehyde
520 U	UG/KG	Phenol
520 U	UG/KG	bis(2-Chloroethyl) Ether
520 U	UG/KG	2-Chlorophenol
520 U	UG/KG	2-Methylphenol
520 U	UG/KG	bis(2-Chloroisopropyl) Ether
170 J	UG/KG	Acetophenone
520 U	UG/KG	(3-and/or 4-)Methylphenol
520 U	UG/KG	n-Nitroso di-n-Propylamine
520 U	UG/KG	Hexachloroethane
520 U	UG/KG	Nitrobenzene
520 U	UG/KG	Isophorone
520 U	UG/KG	2-Nitrophenol
520 U	UG/KG	2,4-Dimethylphenol
520 U	UG/KG	bis(2-Chloroethoxy)Methane
520 U	UG/KG	2,4-Dichlorophenol
520 U	UG/KG	Naphthalene
520 U	UG/KG	4-Chloroaniline
520 U	UG/KG	Hexachlorobutadiene
520 UR	UG/KG	Caprolactam
520 U	UG/KG	4-Chloro-3-Methylphenol
520 U	UG/KG	2-Methylnaphthalene
520 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
520 U	UG/KG	2,4,6-Trichlorophenol
1300 U	UG/KG	2,4,5-Trichlorophenol
520 U	UG/KG	1,1-Biphenyl
520 U	UG/KG	2-Chloronaphthalene
1300 U	UG/KG	2-Nitroaniline
520 U	UG/KG	Dimethyl Phthalate
520 U	UG/KG	2,6-Dinitrotoluene
520 U	UG/KG	Acenaphthylene
1300 U	UG/KG	3-Nitroaniline
520 U	UG/KG	Acenaphthene
1300 UJ	UG/KG	2,4-Dinitrophenol
1300 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
520 U	UG/KG	Dibenzofuran
520 U	UG/KG	2,4-Dinitrotoluene
520 U	UG/KG	Diethyl Phthalate
520 U	UG/KG	Fluorene
520 U	UG/KG	4-Chlorophenyl Phenyl Ether
1300 U	UG/KG	4-Nitroaniline
1300 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
520 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
520 U	UG/KG	4-Bromophenyl Phenyl Ether
520 U	UG/KG	Hexachlorobenzene (HCB)
520 UJ	UG/KG	Atrazine
1300 UJ	UG/KG	Pentachlorophenol
520 U	UG/KG	Phenanthrene
520 U	UG/KG	Anthracene
520 U	UG/KG	Carbazole
520 U	UG/KG	Di-n-Butylphthalate
520 U	UG/KG	Fluoranthene
520 U	UG/KG	Pyrene
520 U	UG/KG	Benzyl Butyl Phthalate
520 UJ	UG/KG	3,3'-Dichlorobenzidine
520 U	UG/KG	Benzo(a)Anthracene
520 U	UG/KG	Chrysene
860 U	UG/KG	bis(2-Ethylhexyl) Phthalate
520 U	UG/KG	Di-n-Octylphthalate
520 U	UG/KG	Benzo(b)Fluoranthene
520 U	UG/KG	Benzo(k)Fluoranthene
520 U	UG/KG	Benzo-a-Pyrene
520 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
520 UJ	UG/KG	Dibenzo(a,h)Anthracene
520 UJ	UG/KG	Benzo(ghi)Perylene
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9539** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH1
D No: 3AH1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
11000 J	UG/KG	27 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9540** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH2
D No: 3AH2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
520 UJ	UG/KG	Benzaldehyde
520 U	UG/KG	Phenol
520 U	UG/KG	bis(2-Chloroethyl) Ether
520 U	UG/KG	2-Chlorophenol
520 U	UG/KG	2-Methylphenol
520 U	UG/KG	bis(2-Chloroisopropyl) Ether
520 U	UG/KG	Acetophenone
520 U	UG/KG	(3-and/or 4-)Methylphenol
520 U	UG/KG	n-Nitroso di-n-Propylamine
520 U	UG/KG	Hexachloroethane
520 U	UG/KG	Nitrobenzene
520 U	UG/KG	Isophorone
520 U	UG/KG	2-Nitrophenol
520 U	UG/KG	2,4-Dimethylphenol
520 U	UG/KG	bis(2-Chloroethoxy)Methane
520 U	UG/KG	2,4-Dichlorophenol
520 U	UG/KG	Naphthalene
520 U	UG/KG	4-Chloroaniline
520 U	UG/KG	Hexachlorobutadiene
520 UR	UG/KG	Caprolactam
520 U	UG/KG	4-Chloro-3-Methylphenol
520 U	UG/KG	2-Methylnaphthalene
520 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
520 U	UG/KG	2,4,6-Trichlorophenol
1300 U	UG/KG	2,4,5-Trichlorophenol
520 U	UG/KG	1,1-Biphenyl
520 U	UG/KG	2-Chloronaphthalene
1300 U	UG/KG	2-Nitroaniline
520 U	UG/KG	Dimethyl Phthalate
520 U	UG/KG	2,6-Dinitrotoluene
520 U	UG/KG	Acenaphthylene
1300 U	UG/KG	3-Nitroaniline
520 U	UG/KG	Acenaphthene
1300 UJ	UG/KG	2,4-Dinitrophenol
1300 UJ	UG/KG	4-Nitrophenol
520 U	UG/KG	Dibenzofuran
520 U	UG/KG	2,4-Dinitrotoluene
520 U	UG/KG	Diethyl Phthalate
520 U	UG/KG	Fluorene
520 U	UG/KG	4-Chlorophenyl Phenyl Ether
1300 U	UG/KG	4-Nitroaniline
1300 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
520 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
520 U	UG/KG	4-Bromophenyl Phenyl Ether
520 U	UG/KG	Hexachlorobenzene (HCB)
520 UJ	UG/KG	Atrazine
1300 UJ	UG/KG	Pentachlorophenol
520 U	UG/KG	Phenanthrene
520 U	UG/KG	Anthracene
520 U	UG/KG	Carbazole
520 U	UG/KG	Di-n-Butylphthalate
520 U	UG/KG	Fluoranthene
520 U	UG/KG	Pyrene
520 U	UG/KG	Benzyl Butyl Phthalate
520 UJ	UG/KG	3,3'-Dichlorobenzidine
520 U	UG/KG	Benzo(a)Anthracene
520 U	UG/KG	Chrysene
1200 U	UG/KG	bis(2-Ethylhexyl) Phthalate
520 U	UG/KG	Di-n-Octylphthalate
520 U	UG/KG	Benzo(b)Fluoranthene
520 U	UG/KG	Benzo(k)Fluoranthene
520 U	UG/KG	Benzo-a-Pyrene
520 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
520 UJ	UG/KG	Dibenzo(a,h)Anthracene
520 UJ	UG/KG	Benzo(ghi)Perylene
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9540** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH2
D No: 3AH2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
20000 J	UG/KG	28 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9541** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH3
D No: 3AH3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
360 UJ	UG/KG	Benzaldehyde
360 U	UG/KG	Phenol
360 U	UG/KG	bis(2-Chloroethyl) Ether
360 U	UG/KG	2-Chlorophenol
360 U	UG/KG	2-Methylphenol
360 U	UG/KG	bis(2-Chloroisopropyl) Ether
360 U	UG/KG	Acetophenone
360 U	UG/KG	(3-and/or 4-)Methylphenol
360 U	UG/KG	n-Nitroso di-n-Propylamine
360 U	UG/KG	Hexachloroethane
360 U	UG/KG	Nitrobenzene
360 U	UG/KG	Isophorone
360 U	UG/KG	2-Nitrophenol
360 U	UG/KG	2,4-Dimethylphenol
360 U	UG/KG	bis(2-Chloroethoxy)Methane
360 U	UG/KG	2,4-Dichlorophenol
360 U	UG/KG	Naphthalene
360 U	UG/KG	4-Chloroaniline
360 U	UG/KG	Hexachlorobutadiene
360 UR	UG/KG	Caprolactam
360 U	UG/KG	4-Chloro-3-Methylphenol
360 U	UG/KG	2-Methylnaphthalene
360 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
360 U	UG/KG	2,4,6-Trichlorophenol
910 U	UG/KG	2,4,5-Trichlorophenol
360 U	UG/KG	1,1-Biphenyl
360 U	UG/KG	2-Chloronaphthalene
910 U	UG/KG	2-Nitroaniline
360 U	UG/KG	Dimethyl Phthalate
360 U	UG/KG	2,6-Dinitrotoluene
360 U	UG/KG	Acenaphthylene
910 U	UG/KG	3-Nitroaniline
360 U	UG/KG	Acenaphthene
910 UJ	UG/KG	2,4-Dinitrophenol
910 UJ	UG/KG	4-Nitrophenol
360 U	UG/KG	Dibenzofuran
360 U	UG/KG	2,4-Dinitrotoluene
360 U	UG/KG	Diethyl Phthalate
360 U	UG/KG	Fluorene
360 U	UG/KG	4-Chlorophenyl Phenyl Ether
910 U	UG/KG	4-Nitroaniline
910 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
360 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
360 U	UG/KG	4-Bromophenyl Phenyl Ether
360 U	UG/KG	Hexachlorobenzene (HCB)
360 UJ	UG/KG	Atrazine
910 UJ	UG/KG	Pentachlorophenol
360 U	UG/KG	Phenanthrene
360 U	UG/KG	Anthracene
360 U	UG/KG	Carbazole
360 U	UG/KG	Di-n-Butylphthalate
110 J	UG/KG	Fluoranthene
150 J	UG/KG	Pyrene
360 U	UG/KG	Benzyl Butyl Phthalate
360 UJ	UG/KG	3,3'-Dichlorobenzidine
360 U	UG/KG	Benzo(a)Anthracene
81 J	UG/KG	Chrysene
360 U	UG/KG	bis(2-Ethylhexyl) Phthalate
360 U	UG/KG	Di-n-Octylphthalate
360 U	UG/KG	Benzo(b)Fluoranthene
80 J	UG/KG	Benzo(k)Fluoranthene
360 U	UG/KG	Benzo-a-Pyrene
360 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
360 UJ	UG/KG	Dibenzo(a,h)Anthracene
360 UJ	UG/KG	Benzo(ghi)Perylene
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9541** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH3
D No: 3AH3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

RESULTS	UNITS	ANALYTE
12000 J	UG/KG	24 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9542** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
400 UJ	UG/KG	Benzaldehyde
400 U	UG/KG	Phenol
400 U	UG/KG	bis(2-Chloroethyl) Ether
400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Methylphenol
400 U	UG/KG	bis(2-Chloroisopropyl) Ether
400 U	UG/KG	Acetophenone
400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	n-Nitroso di-n-Propylamine
400 U	UG/KG	Hexachloroethane
400 U	UG/KG	Nitrobenzene
400 U	UG/KG	Isophorone
400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	bis(2-Chloroethoxy)Methane
400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	Naphthalene
400 U	UG/KG	4-Chloroaniline
400 U	UG/KG	Hexachlorobutadiene
400 UR	UG/KG	Caprolactam
400 U	UG/KG	4-Chloro-3-Methylphenol
400 U	UG/KG	2-Methylnaphthalene
400 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
400 U	UG/KG	2,4,6-Trichlorophenol
1000 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	1,1-Biphenyl
400 U	UG/KG	2-Chloronaphthalene
1000 U	UG/KG	2-Nitroaniline
400 U	UG/KG	Dimethyl Phthalate
400 U	UG/KG	2,6-Dinitrotoluene
400 U	UG/KG	Acenaphthylene
1000 U	UG/KG	3-Nitroaniline
400 U	UG/KG	Acenaphthene
1000 UJ	UG/KG	2,4-Dinitrophenol
1000 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
400 U	UG/KG	Dibenzofuran
400 U	UG/KG	2,4-Dinitrotoluene
400 U	UG/KG	Diethyl Phthalate
400 U	UG/KG	Fluorene
400 U	UG/KG	4-Chlorophenyl Phenyl Ether
1000 U	UG/KG	4-Nitroaniline
1000 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
400 U	UG/KG	4-Bromophenyl Phenyl Ether
400 U	UG/KG	Hexachlorobenzene (HCB)
400 UJ	UG/KG	Atrazine
1000 UJ	UG/KG	Pentachlorophenol
400 U	UG/KG	Phenanthrene
400 U	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
100 J	UG/KG	Fluoranthene
96 J	UG/KG	Pyrene
400 U	UG/KG	Benzyl Butyl Phthalate
400 UJ	UG/KG	3,3'-Dichlorobenzidine
400 U	UG/KG	Benzo(a)Anthracene
400 U	UG/KG	Chrysene
400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Di-n-Octylphthalate
87 J	UG/KG	Benzo(b)Fluoranthene
400 U	UG/KG	Benzo(k)Fluoranthene
400 U	UG/KG	Benzo-a-Pyrene
400 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
400 UJ	UG/KG	Dibenzo(a,h)Anthracene
400 UJ	UG/KG	Benzo(ghi)Perylene
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9542** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

RESULTS	UNITS	ANALYTE
15000 J	UG/KG	28 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9543** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH5
D No: 3AH5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
600 UJ	UG/KG	Benzaldehyde
600 U	UG/KG	Phenol
600 U	UG/KG	bis(2-Chloroethyl) Ether
600 U	UG/KG	2-Chlorophenol
600 U	UG/KG	2-Methylphenol
600 U	UG/KG	bis(2-Chloroisopropyl) Ether
300 J	UG/KG	Acetophenone
600 U	UG/KG	(3-and/or 4-)Methylphenol
600 U	UG/KG	n-Nitroso di-n-Propylamine
600 U	UG/KG	Hexachloroethane
600 U	UG/KG	Nitrobenzene
600 U	UG/KG	Isophorone
600 U	UG/KG	2-Nitrophenol
600 U	UG/KG	2,4-Dimethylphenol
600 U	UG/KG	bis(2-Chloroethoxy)Methane
600 U	UG/KG	2,4-Dichlorophenol
600 U	UG/KG	Naphthalene
600 U	UG/KG	4-Chloroaniline
600 U	UG/KG	Hexachlorobutadiene
600 UR	UG/KG	Caprolactam
600 U	UG/KG	4-Chloro-3-Methylphenol
600 U	UG/KG	2-Methylnaphthalene
600 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
600 U	UG/KG	2,4,6-Trichlorophenol
1500 U	UG/KG	2,4,5-Trichlorophenol
600 U	UG/KG	1,1-Biphenyl
600 U	UG/KG	2-Chloronaphthalene
1500 U	UG/KG	2-Nitroaniline
600 U	UG/KG	Dimethyl Phthalate
600 U	UG/KG	2,6-Dinitrotoluene
600 U	UG/KG	Acenaphthylene
1500 U	UG/KG	3-Nitroaniline
600 U	UG/KG	Acenaphthene
1500 UJ	UG/KG	2,4-Dinitrophenol
1500 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
600 U	UG/KG	Dibenzofuran
600 U	UG/KG	2,4-Dinitrotoluene
600 U	UG/KG	Diethyl Phthalate
600 U	UG/KG	Fluorene
600 U	UG/KG	4-Chlorophenyl Phenyl Ether
1500 U	UG/KG	4-Nitroaniline
1500 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
600 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
600 U	UG/KG	4-Bromophenyl Phenyl Ether
600 U	UG/KG	Hexachlorobenzene (HCB)
600 UJ	UG/KG	Atrazine
1500 UJ	UG/KG	Pentachlorophenol
600 U	UG/KG	Phenanthrene
600 U	UG/KG	Anthracene
600 U	UG/KG	Carbazole
600 U	UG/KG	Di-n-Butylphthalate
600 U	UG/KG	Fluoranthene
600 U	UG/KG	Pyrene
600 U	UG/KG	Benzyl Butyl Phthalate
600 UJ	UG/KG	3,3'-Dichlorobenzidine
600 U	UG/KG	Benzo(a)Anthracene
600 U	UG/KG	Chrysene
600 U	UG/KG	bis(2-Ethylhexyl) Phthalate
600 U	UG/KG	Di-n-Octylphthalate
600 U	UG/KG	Benzo(b)Fluoranthene
600 U	UG/KG	Benzo(k)Fluoranthene
600 U	UG/KG	Benzo-a-Pyrene
600 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
600 UJ	UG/KG	Dibenzo(a,h)Anthracene
600 UJ	UG/KG	Benzo(ghi)Perylene
45	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9543** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH5
D No: 3AH5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:15
Ending:

RESULTS	UNITS	ANALYTE
13000 J	UG/KG	28 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9544** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH6
D No: 3AH6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
490 UJ	UG/KG	Benzaldehyde
490 U	UG/KG	Phenol
490 U	UG/KG	bis(2-Chloroethyl) Ether
490 U	UG/KG	2-Chlorophenol
490 U	UG/KG	2-Methylphenol
490 U	UG/KG	bis(2-Chloroisopropyl) Ether
490 U	UG/KG	Acetophenone
490 U	UG/KG	(3-and/or 4-)Methylphenol
490 U	UG/KG	n-Nitroso di-n-Propylamine
490 U	UG/KG	Hexachloroethane
490 U	UG/KG	Nitrobenzene
490 U	UG/KG	Isophorone
490 U	UG/KG	2-Nitrophenol
490 U	UG/KG	2,4-Dimethylphenol
490 U	UG/KG	bis(2-Chloroethoxy)Methane
490 U	UG/KG	2,4-Dichlorophenol
490 U	UG/KG	Naphthalene
490 U	UG/KG	4-Chloroaniline
490 U	UG/KG	Hexachlorobutadiene
490 UR	UG/KG	Caprolactam
490 U	UG/KG	4-Chloro-3-Methylphenol
490 U	UG/KG	2-Methylnaphthalene
490 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
490 U	UG/KG	2,4,6-Trichlorophenol
1200 U	UG/KG	2,4,5-Trichlorophenol
490 U	UG/KG	1,1-Biphenyl
490 U	UG/KG	2-Chloronaphthalene
1200 U	UG/KG	2-Nitroaniline
490 U	UG/KG	Dimethyl Phthalate
490 U	UG/KG	2,6-Dinitrotoluene
490 U	UG/KG	Acenaphthylene
1200 U	UG/KG	3-Nitroaniline
490 U	UG/KG	Acenaphthene
1200 UJ	UG/KG	2,4-Dinitrophenol
1200 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
490 U	UG/KG	Dibenzofuran
490 U	UG/KG	2,4-Dinitrotoluene
490 U	UG/KG	Diethyl Phthalate
490 U	UG/KG	Fluorene
490 U	UG/KG	4-Chlorophenyl Phenyl Ether
1200 U	UG/KG	4-Nitroaniline
1200 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
490 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
490 U	UG/KG	4-Bromophenyl Phenyl Ether
490 U	UG/KG	Hexachlorobenzene (HCB)
490 UJ	UG/KG	Atrazine
1200 UJ	UG/KG	Pentachlorophenol
180 J	UG/KG	Phenanthrene
490 U	UG/KG	Anthracene
490 U	UG/KG	Carbazole
490 U	UG/KG	Di-n-Butylphthalate
530	UG/KG	Fluoranthene
460 J	UG/KG	Pyrene
490 U	UG/KG	Benzyl Butyl Phthalate
490 UJ	UG/KG	3,3'-Dichlorobenzidine
180 J	UG/KG	Benzo(a)Anthracene
270 J	UG/KG	Chrysene
490 U	UG/KG	bis(2-Ethylhexyl) Phthalate
490 U	UG/KG	Di-n-Octylphthalate
280 J	UG/KG	Benzo(b)Fluoranthene
200 J	UG/KG	Benzo(k)Fluoranthene
230 J	UG/KG	Benzo-a-Pyrene
210 J	UG/KG	Indeno (1,2,3-cd) Pyrene
490 UJ	UG/KG	Dibenzo(a,h)Anthracene
250 J	UG/KG	Benzo(ghi)Perylene
32	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9544** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH6
D No: 3AH6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:25
Ending:

RESULTS	UNITS	ANALYTE
6900 J	UG/KG	27 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT
250 NJ	UG/KG	BENZO [E] PYRENE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9545** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH7
D No: 3AH7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
660 UJ	UG/KG	Benzaldehyde
660 U	UG/KG	Phenol
660 U	UG/KG	bis(2-Chloroethyl) Ether
660 U	UG/KG	2-Chlorophenol
660 U	UG/KG	2-Methylphenol
660 U	UG/KG	bis(2-Chloroisopropyl) Ether
660 U	UG/KG	Acetophenone
660 U	UG/KG	(3-and/or 4-)Methylphenol
660 U	UG/KG	n-Nitroso di-n-Propylamine
660 U	UG/KG	Hexachloroethane
660 U	UG/KG	Nitrobenzene
660 U	UG/KG	Isophorone
660 U	UG/KG	2-Nitrophenol
660 U	UG/KG	2,4-Dimethylphenol
660 U	UG/KG	bis(2-Chloroethoxy)Methane
660 U	UG/KG	2,4-Dichlorophenol
660 U	UG/KG	Naphthalene
660 U	UG/KG	4-Chloroaniline
660 U	UG/KG	Hexachlorobutadiene
660 UR	UG/KG	Caprolactam
660 U	UG/KG	4-Chloro-3-Methylphenol
660 U	UG/KG	2-Methylnaphthalene
660 UJ	UG/KG	Hexachlorocyclopentadiene (HCCP)
660 U	UG/KG	2,4,6-Trichlorophenol
1700 U	UG/KG	2,4,5-Trichlorophenol
660 U	UG/KG	1,1-Biphenyl
660 U	UG/KG	2-Chloronaphthalene
1700 U	UG/KG	2-Nitroaniline
660 U	UG/KG	Dimethyl Phthalate
660 U	UG/KG	2,6-Dinitrotoluene
660 U	UG/KG	Acenaphthylene
1700 U	UG/KG	3-Nitroaniline
660 U	UG/KG	Acenaphthene
1700 UJ	UG/KG	2,4-Dinitrophenol
1700 UJ	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
660 U	UG/KG	Dibenzofuran
660 U	UG/KG	2,4-Dinitrotoluene
660 U	UG/KG	Diethyl Phthalate
660 U	UG/KG	Fluorene
660 U	UG/KG	4-Chlorophenyl Phenyl Ether
1700 U	UG/KG	4-Nitroaniline
1700 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
660 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
660 U	UG/KG	4-Bromophenyl Phenyl Ether
660 U	UG/KG	Hexachlorobenzene (HCB)
660 UJ	UG/KG	Atrazine
1700 UJ	UG/KG	Pentachlorophenol
660 U	UG/KG	Phenanthrene
660 U	UG/KG	Anthracene
660 U	UG/KG	Carbazole
660 U	UG/KG	Di-n-Butylphthalate
660 U	UG/KG	Fluoranthene
660 U	UG/KG	Pyrene
660 U	UG/KG	Benzyl Butyl Phthalate
660 U	UG/KG	3,3'-Dichlorobenzidine
660 U	UG/KG	Benzo(a)Anthracene
660 U	UG/KG	Chrysene
200 J	UG/KG	bis(2-Ethylhexyl) Phthalate
660 U	UG/KG	Di-n-Octylphthalate
660 U	UG/KG	Benzo(b)Fluoranthene
660 U	UG/KG	Benzo(k)Fluoranthene
660 U	UG/KG	Benzo-a-Pyrene
660 UJ	UG/KG	Indeno (1,2,3-cd) Pyrene
660 UJ	UG/KG	Dibenzo(a,h)Anthracene
660 UJ	UG/KG	Benzo(ghi)Perylene
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9545** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH7
D No: 3AH7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:45
Ending:

RESULTS	UNITS	ANALYTE
14000 J	UG/KG	26 UNKNOWNS
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9546** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH8
D No: 3AH8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
660 U	UG/KG	Benzaldehyde
660 U	UG/KG	Phenol
660 U	UG/KG	bis(2-Chloroethyl) Ether
660 U	UG/KG	2-Chlorophenol
660 U	UG/KG	2-Methylphenol
660 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
660 U	UG/KG	Acetophenone
660 U	UG/KG	(3-and/or 4-)Methylphenol
660 UJ	UG/KG	n-Nitroso di-n-Propylamine
660 UJ	UG/KG	Hexachloroethane
660 U	UG/KG	Nitrobenzene
660 U	UG/KG	Isophorone
660 U	UG/KG	2-Nitrophenol
660 U	UG/KG	2,4-Dimethylphenol
660 U	UG/KG	bis(2-Chloroethoxy)Methane
660 U	UG/KG	2,4-Dichlorophenol
660 U	UG/KG	Naphthalene
660 U	UG/KG	4-Chloroaniline
660 U	UG/KG	Hexachlorobutadiene
660 U	UG/KG	Caprolactam
660 U	UG/KG	4-Chloro-3-Methylphenol
660 U	UG/KG	2-Methylnaphthalene
660 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
660 U	UG/KG	2,4,6-Trichlorophenol
1700 U	UG/KG	2,4,5-Trichlorophenol
660 U	UG/KG	1,1-Biphenyl
660 U	UG/KG	2-Chloronaphthalene
1700 UJ	UG/KG	2-Nitroaniline
660 U	UG/KG	Dimethyl Phthalate
660 U	UG/KG	2,6-Dinitrotoluene
660 U	UG/KG	Acenaphthylene
1700 U	UG/KG	3-Nitroaniline
660 U	UG/KG	Acenaphthene
1700 U	UG/KG	2,4-Dinitrophenol
1700 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
660 U	UG/KG	Dibenzofuran
660 U	UG/KG	2,4-Dinitrotoluene
660 U	UG/KG	Diethyl Phthalate
660 U	UG/KG	Fluorene
660 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
1700 U	UG/KG	4-Nitroaniline
1700 U	UG/KG	2-Methyl-4,6-Dinitrophenol
660 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
660 U	UG/KG	4-Bromophenyl Phenyl Ether
660 UJ	UG/KG	Hexachlorobenzene (HCB)
660 U	UG/KG	Atrazine
1700 U	UG/KG	Pentachlorophenol
660 U	UG/KG	Phenanthrene
660 U	UG/KG	Anthracene
660 U	UG/KG	Carbazole
660 U	UG/KG	Di-n-Butylphthalate
660 U	UG/KG	Fluoranthene
660 U	UG/KG	Pyrene
660 U	UG/KG	Benzyl Butyl Phthalate
660 U	UG/KG	3,3'-Dichlorobenzidine
660 U	UG/KG	Benzo(a)Anthracene
660 U	UG/KG	Chrysene
660 U	UG/KG	bis(2-Ethylhexyl) Phthalate
660 U	UG/KG	Di-n-Octylphthalate
660 U	UG/KG	Benzo(b)Fluoranthene
660 U	UG/KG	Benzo(k)Fluoranthene
660 U	UG/KG	Benzo-a-Pyrene
660 U	UG/KG	Indeno (1,2,3-cd) Pyrene
660 U	UG/KG	Dibenzo(a,h)Anthracene
660 U	UG/KG	Benzo(ghi)Perylene
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9546** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH8
D No: 3AH8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

RESULTS	UNITS	ANALYTE
200 J	UG/KG	SUBSTITUTED NAPHTHALENE
390 NJ	UG/KG	1,1'-BIPHENYL, BIS(1-METHYLETHYL)-
8900 J	UG/KG	27 UNKNOWNS

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
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Sample **9547** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
660 U	UG/KG	Benzaldehyde
660 U	UG/KG	Phenol
660 U	UG/KG	bis(2-Chloroethyl) Ether
660 U	UG/KG	2-Chlorophenol
660 U	UG/KG	2-Methylphenol
660 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
660 U	UG/KG	Acetophenone
660 U	UG/KG	(3-and/or 4-)Methylphenol
660 UJ	UG/KG	n-Nitroso di-n-Propylamine
660 UJ	UG/KG	Hexachloroethane
660 U	UG/KG	Nitrobenzene
660 U	UG/KG	Isophorone
660 U	UG/KG	2-Nitrophenol
660 U	UG/KG	2,4-Dimethylphenol
660 U	UG/KG	bis(2-Chloroethoxy)Methane
660 U	UG/KG	2,4-Dichlorophenol
660 U	UG/KG	Naphthalene
660 U	UG/KG	4-Chloroaniline
660 U	UG/KG	Hexachlorobutadiene
660 U	UG/KG	Caprolactam
660 U	UG/KG	4-Chloro-3-Methylphenol
660 U	UG/KG	2-Methylnaphthalene
660 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
660 U	UG/KG	2,4,6-Trichlorophenol
1700 U	UG/KG	2,4,5-Trichlorophenol
660 U	UG/KG	1,1-Biphenyl
660 U	UG/KG	2-Chloronaphthalene
1700 UJ	UG/KG	2-Nitroaniline
660 U	UG/KG	Dimethyl Phthalate
660 U	UG/KG	2,6-Dinitrotoluene
660 U	UG/KG	Acenaphthylene
1700 U	UG/KG	3-Nitroaniline
660 U	UG/KG	Acenaphthene
1700 U	UG/KG	2,4-Dinitrophenol
1700 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
660 U	UG/KG	Dibenzofuran
660 U	UG/KG	2,4-Dinitrotoluene
660 U	UG/KG	Diethyl Phthalate
660 U	UG/KG	Fluorene
660 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
1700 U	UG/KG	4-Nitroaniline
1700 U	UG/KG	2-Methyl-4,6-Dinitrophenol
660 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
660 U	UG/KG	4-Bromophenyl Phenyl Ether
660 UJ	UG/KG	Hexachlorobenzene (HCB)
660 U	UG/KG	Atrazine
1700 U	UG/KG	Pentachlorophenol
660 U	UG/KG	Phenanthrene
660 U	UG/KG	Anthracene
660 U	UG/KG	Carbazole
660 U	UG/KG	Di-n-Butylphthalate
660 U	UG/KG	Fluoranthene
660 U	UG/KG	Pyrene
660 U	UG/KG	Benzyl Butyl Phthalate
660 U	UG/KG	3,3'-Dichlorobenzidine
660 U	UG/KG	Benzo(a)Anthracene
660 U	UG/KG	Chrysene
660 U	UG/KG	bis(2-Ethylhexyl) Phthalate
660 U	UG/KG	Di-n-Octylphthalate
660 U	UG/KG	Benzo(b)Fluoranthene
660 U	UG/KG	Benzo(k)Fluoranthene
660 U	UG/KG	Benzo-a-Pyrene
660 U	UG/KG	Indeno (1,2,3-cd) Pyrene
660 U	UG/KG	Dibenzo(a,h)Anthracene
660 U	UG/KG	Benzo(ghi)Perylene
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9547** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

RESULTS	UNITS	ANALYTE
280 NJ	UG/KG	BICYCLO[3.1.1] HEPT-2-ENE, 2,6,6-TRIMETHYL-
240 NJ	UG/KG	BENZENE, 1-METHYL-4-(1-METHYLETHYL)-
490 NJ	UG/KG	1,1'-BIPHENYL, BIS(1-METHYLETHYL)-
200 J	UG/KG	UNKNOWN ALDEHYDE
600 NJ	UG/KG	ANDROSTAN-6-ONE, (5.ALPHA.)-
8400 J	UG/KG	24 UNKNOWNS

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9548** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
430 U	UG/KG	Benzaldehyde
430 U	UG/KG	Phenol
430 U	UG/KG	bis(2-Chloroethyl) Ether
430 U	UG/KG	2-Chlorophenol
430 U	UG/KG	2-Methylphenol
430 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
430 U	UG/KG	Acetophenone
430 U	UG/KG	(3-and/or 4-)Methylphenol
430 UJ	UG/KG	n-Nitroso di-n-Propylamine
430 UJ	UG/KG	Hexachloroethane
430 U	UG/KG	Nitrobenzene
430 U	UG/KG	Isophorone
430 U	UG/KG	2-Nitrophenol
430 U	UG/KG	2,4-Dimethylphenol
430 U	UG/KG	bis(2-Chloroethoxy)Methane
430 U	UG/KG	2,4-Dichlorophenol
1100	UG/KG	Naphthalene
430 U	UG/KG	4-Chloroaniline
430 U	UG/KG	Hexachlorobutadiene
430 U	UG/KG	Caprolactam
430 U	UG/KG	4-Chloro-3-Methylphenol
4100	UG/KG	2-Methylnaphthalene
430 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
430 U	UG/KG	2,4,6-Trichlorophenol
1100 U	UG/KG	2,4,5-Trichlorophenol
1100	UG/KG	1,1-Biphenyl
430 U	UG/KG	2-Chloronaphthalene
1100 UJ	UG/KG	2-Nitroaniline
430 U	UG/KG	Dimethyl Phthalate
430 U	UG/KG	2,6-Dinitrotoluene
430 U	UG/KG	Acenaphthylene
1100 U	UG/KG	3-Nitroaniline
430 U	UG/KG	Acenaphthene
1100 U	UG/KG	2,4-Dinitrophenol
1100 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
430 U	UG/KG	Dibenzofuran
430 U	UG/KG	2,4-Dinitrotoluene
430 U	UG/KG	Diethyl Phthalate
430 U	UG/KG	Fluorene
430 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
1100 U	UG/KG	4-Nitroaniline
1100 U	UG/KG	2-Methyl-4,6-Dinitrophenol
430 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
430 U	UG/KG	4-Bromophenyl Phenyl Ether
430 UJ	UG/KG	Hexachlorobenzene (HCB)
430 U	UG/KG	Atrazine
1100 U	UG/KG	Pentachlorophenol
1200	UG/KG	Phenanthrene
110 J	UG/KG	Anthracene
430 U	UG/KG	Carbazole
430 U	UG/KG	Di-n-Butylphthalate
430 U	UG/KG	Fluoranthene
130 J	UG/KG	Pyrene
430 U	UG/KG	Benzyl Butyl Phthalate
430 U	UG/KG	3,3'-Dichlorobenzidine
430 U	UG/KG	Benzo(a)Anthracene
430 U	UG/KG	Chrysene
430 U	UG/KG	bis(2-Ethylhexyl) Phthalate
430 U	UG/KG	Di-n-Octylphthalate
430 U	UG/KG	Benzo(b)Fluoranthene
430 U	UG/KG	Benzo(k)Fluoranthene
430 U	UG/KG	Benzo-a-Pyrene
430 U	UG/KG	Indeno (1,2,3-cd) Pyrene
430 U	UG/KG	Dibenzo(a,h)Anthracene
430 U	UG/KG	Benzo(ghi)Perylene
24	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9548** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

RESULTS	UNITS	ANALYTE
18000 J	UG/KG	27 UNKNOWNS
520 NJ	UG/KG	NAPHTHALENE, 1-METHYL-
200 NJ	UG/KG	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5,6-DIMETHYL-
190 NJ	UG/KG	NAPHTHALENE, 1,5-DIMETHYL-
530 NJ	UG/KG	NAPHTHALENE, 2,6-DIMETHYL-
170 NJ	UG/KG	NAPHTHALENE, 2-(1-METHYLETHYL)-
210 NJ	UG/KG	NAPHTHALENE, 1,4,6-TRIMETHYL-
2400 NJ	UG/KG	DIBENZOTHIOPHENE, 4-METHYL-

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9549** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ1
D No: 3AJ1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
370 U	UG/KG	Benzaldehyde
370 U	UG/KG	Phenol
370 U	UG/KG	bis(2-Chloroethyl) Ether
370 U	UG/KG	2-Chlorophenol
370 U	UG/KG	2-Methylphenol
370 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
370 U	UG/KG	Acetophenone
370 U	UG/KG	(3-and/or 4-)Methylphenol
370 UJ	UG/KG	n-Nitroso di-n-Propylamine
370 UJ	UG/KG	Hexachloroethane
370 U	UG/KG	Nitrobenzene
370 U	UG/KG	Isophorone
370 U	UG/KG	2-Nitrophenol
370 U	UG/KG	2,4-Dimethylphenol
370 U	UG/KG	bis(2-Chloroethoxy)Methane
370 U	UG/KG	2,4-Dichlorophenol
370 U	UG/KG	Naphthalene
370 U	UG/KG	4-Chloroaniline
370 U	UG/KG	Hexachlorobutadiene
370 U	UG/KG	Caprolactam
370 U	UG/KG	4-Chloro-3-Methylphenol
370 U	UG/KG	2-Methylnaphthalene
370 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
370 U	UG/KG	2,4,6-Trichlorophenol
920 U	UG/KG	2,4,5-Trichlorophenol
370 U	UG/KG	1,1-Biphenyl
370 U	UG/KG	2-Chloronaphthalene
920 UJ	UG/KG	2-Nitroaniline
370 U	UG/KG	Dimethyl Phthalate
370 U	UG/KG	2,6-Dinitrotoluene
370 U	UG/KG	Acenaphthylene
920 U	UG/KG	3-Nitroaniline
370 U	UG/KG	Acenaphthene
920 U	UG/KG	2,4-Dinitrophenol
920 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
370 U	UG/KG	Dibenzofuran
370 U	UG/KG	2,4-Dinitrotoluene
370 U	UG/KG	Diethyl Phthalate
370 U	UG/KG	Fluorene
370 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
920 U	UG/KG	4-Nitroaniline
920 U	UG/KG	2-Methyl-4,6-Dinitrophenol
370 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
370 U	UG/KG	4-Bromophenyl Phenyl Ether
370 UJ	UG/KG	Hexachlorobenzene (HCB)
370 U	UG/KG	Atrazine
920 U	UG/KG	Pentachlorophenol
370 U	UG/KG	Phenanthrene
370 U	UG/KG	Anthracene
370 U	UG/KG	Carbazole
370 U	UG/KG	Di-n-Butylphthalate
370 U	UG/KG	Fluoranthene
370 U	UG/KG	Pyrene
370 U	UG/KG	Benzyl Butyl Phthalate
370 U	UG/KG	3,3'-Dichlorobenzidine
370 U	UG/KG	Benzo(a)Anthracene
370 U	UG/KG	Chrysene
370 U	UG/KG	bis(2-Ethylhexyl) Phthalate
370 U	UG/KG	Di-n-Octylphthalate
370 U	UG/KG	Benzo(b)Fluoranthene
370 U	UG/KG	Benzo(k)Fluoranthene
370 U	UG/KG	Benzo-a-Pyrene
370 U	UG/KG	Indeno (1,2,3-cd) Pyrene
370 U	UG/KG	Dibenzo(a,h)Anthracene
370 U	UG/KG	Benzo(ghi)Perylene
10	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9549** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ1
D No: 3AJ1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:20
Ending:

RESULTS	UNITS	ANALYTE
330 NJ	UG/KG	CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-
240 NJ	UG/KG	N-HEXADECANOIC ACID
24000 J	UG/KG	23 UNKNOWNS
700 NJ	UG/KG	.GAMMA.-SITOSTEROL
1200 NJ	UG/KG	STIGMAST-4-EN-3-ONE
1700 NJ	UG/KG	2 PHENANTHRENECARBOXYLIC ACIDS

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9550** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ2
D No: 3AJ2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
380 U	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 UJ	UG/KG	n-Nitroso di-n-Propylamine
380 UJ	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 U	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
940 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
940 UJ	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
940 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
940 U	UG/KG	2,4-Dinitrophenol
940 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
940 U	UG/KG	4-Nitroaniline
940 U	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 UJ	UG/KG	Hexachlorobenzene (HCB)
380 U	UG/KG	Atrazine
940 U	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 U	UG/KG	Benzo(ghi)Perylene
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9550** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ2
D No: 3AJ2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:45
Ending:

RESULTS	UNITS	ANALYTE
10000 J	UG/KG	25 UNKNOWNS
150 NJ	UG/KG	PHENANTHRENE, 1-METHYL-7-(1-METHYLETHYL)-
360 NJ	UG/KG	SUBSTITUTED PHENANTHRENECARBOXYLIC ACID
530 NJ	UG/KG	.GAMMA.-SITOSTEROL
350 NJ	UG/KG	LONGIFOLENALDEHYDE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9551** FY **2005** Project: **05-0928**

Extractables Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Benzaldehyde
380 U	UG/KG	Phenol
380 U	UG/KG	bis(2-Chloroethyl) Ether
380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Methylphenol
380 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
380 U	UG/KG	Acetophenone
380 U	UG/KG	(3-and/or 4-)Methylphenol
380 UJ	UG/KG	n-Nitroso di-n-Propylamine
380 UJ	UG/KG	Hexachloroethane
380 U	UG/KG	Nitrobenzene
380 U	UG/KG	Isophorone
380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	bis(2-Chloroethoxy)Methane
380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	Naphthalene
380 U	UG/KG	4-Chloroaniline
380 U	UG/KG	Hexachlorobutadiene
380 U	UG/KG	Caprolactam
380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	2-Methylnaphthalene
380 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
380 U	UG/KG	2,4,6-Trichlorophenol
970 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	1,1-Biphenyl
380 U	UG/KG	2-Chloronaphthalene
970 UJ	UG/KG	2-Nitroaniline
380 U	UG/KG	Dimethyl Phthalate
380 U	UG/KG	2,6-Dinitrotoluene
380 U	UG/KG	Acenaphthylene
970 U	UG/KG	3-Nitroaniline
380 U	UG/KG	Acenaphthene
970 U	UG/KG	2,4-Dinitrophenol
970 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
380 U	UG/KG	Dibenzofuran
380 U	UG/KG	2,4-Dinitrotoluene
380 U	UG/KG	Diethyl Phthalate
380 U	UG/KG	Fluorene
380 UJ	UG/KG	4-Chlorophenyl Phenyl Ether
970 U	UG/KG	4-Nitroaniline
970 U	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
380 U	UG/KG	4-Bromophenyl Phenyl Ether
380 UJ	UG/KG	Hexachlorobenzene (HCB)
380 U	UG/KG	Atrazine
970 U	UG/KG	Pentachlorophenol
380 U	UG/KG	Phenanthrene
380 U	UG/KG	Anthracene
380 U	UG/KG	Carbazole
380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	Fluoranthene
380 U	UG/KG	Pyrene
380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Chrysene
380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Dibenzo(a,h)Anthracene
380 U	UG/KG	Benzo(ghi)Perylene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9551** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

RESULTS	UNITS	ANALYTE
4000 J	UG/KG	20 UNKNOWNS
930 NJ	UG/KG	SUBSTITUTED PHENANTHRENE CARBOXYLIC ACID

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9518** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF08 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ4
D No: 3AJ4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4300	MG/KG	Aluminum
6.4 UJ	MG/KG	Antimony
1.7	MG/KG	Arsenic
17 J	MG/KG	Barium
0.29 UJ	MG/KG	Beryllium
0.05 UJ	MG/KG	Cadmium
15000	MG/KG	Calcium
16 J	MG/KG	Chromium
2.2 J	MG/KG	Cobalt
23	MG/KG	Copper
4300 J	MG/KG	Iron
6.6 J	MG/KG	Lead
890	MG/KG	Magnesium
45 J	MG/KG	Manganese
0.11 U	MG/KG	Total Mercury
64	MG/KG	Nickel
220 J	MG/KG	Potassium
1.5 J	MG/KG	Selenium
1.1 U	MG/KG	Silver
300 J	MG/KG	Sodium
2.7 U	MG/KG	Thallium
240	MG/KG	Vanadium
95	MG/KG	Zinc
NA	MG/KG	Cyanide
7	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9519** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD07 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ5
D No: 3AJ5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11000	MG/KG	Aluminum
12 UJ	MG/KG	Antimony
2.9	MG/KG	Arsenic
37 J	MG/KG	Barium
0.51 UJ	MG/KG	Beryllium
0.29 UJ	MG/KG	Cadmium
7700	MG/KG	Calcium
28 J	MG/KG	Chromium
2.5 J	MG/KG	Cobalt
20	MG/KG	Copper
8600 J	MG/KG	Iron
63 J	MG/KG	Lead
3200	MG/KG	Magnesium
93 J	MG/KG	Manganese
0.07 UJ	MG/KG	Total Mercury
8.7	MG/KG	Nickel
1300	MG/KG	Potassium
3.1 J	MG/KG	Selenium
1.9 U	MG/KG	Silver
7700	MG/KG	Sodium
4.9 U	MG/KG	Thallium
60	MG/KG	Vanadium
120	MG/KG	Zinc
NA	MG/KG	Cyanide
49	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9520** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ6
D No: 3AJ6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4000	MG/KG	Aluminum
7.7 UJ	MG/KG	Antimony
0.64 J	MG/KG	Arsenic
8.0 J	MG/KG	Barium
0.08 UJ	MG/KG	Beryllium
0.07 UJ	MG/KG	Cadmium
660	MG/KG	Calcium
4.0 J	MG/KG	Chromium
0.34 J	MG/KG	Cobalt
2.6 J	MG/KG	Copper
1300 J	MG/KG	Iron
15 J	MG/KG	Lead
190 J	MG/KG	Magnesium
4.6 J	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
1.2 J	MG/KG	Nickel
110 J	MG/KG	Potassium
0.48 R	MG/KG	Selenium
1.3 U	MG/KG	Silver
520 J	MG/KG	Sodium
3.2 U	MG/KG	Thallium
7.1	MG/KG	Vanadium
16	MG/KG	Zinc
NA	MG/KG	Cyanide
22	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9521** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ7
D No: 3AJ7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4200	MG/KG	Aluminum
7.7 UJ	MG/KG	Antimony
0.68 R	MG/KG	Arsenic
8.6 J	MG/KG	Barium
0.08 UJ	MG/KG	Beryllium
0.04 UJ	MG/KG	Cadmium
690	MG/KG	Calcium
4.2 J	MG/KG	Chromium
0.38 J	MG/KG	Cobalt
2.7 J	MG/KG	Copper
1400 J	MG/KG	Iron
18 J	MG/KG	Lead
190 J	MG/KG	Magnesium
5.1 J	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
1.4 J	MG/KG	Nickel
110 J	MG/KG	Potassium
4.5 U	MG/KG	Selenium
1.3 U	MG/KG	Silver
530 J	MG/KG	Sodium
3.2 U	MG/KG	Thallium
7.5	MG/KG	Vanadium
16	MG/KG	Zinc
NA	MG/KG	Cyanide
22	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9522** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ8
D No: 3AJ8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:55
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7500	MG/KG	Aluminum
0.24 R	MG/KG	Antimony
1.7	MG/KG	Arsenic
13 J	MG/KG	Barium
0.13 UJ	MG/KG	Beryllium
0.17 UJ	MG/KG	Cadmium
9800	MG/KG	Calcium
9.2 J	MG/KG	Chromium
0.69 J	MG/KG	Cobalt
3.6	MG/KG	Copper
5100 J	MG/KG	Iron
8.4 J	MG/KG	Lead
300 J	MG/KG	Magnesium
16 J	MG/KG	Manganese
0.38	MG/KG	Total Mercury
3.6 J	MG/KG	Nickel
200 J	MG/KG	Potassium
3.9 U	MG/KG	Selenium
1.1 U	MG/KG	Silver
470 J	MG/KG	Sodium
2.8 U	MG/KG	Thallium
15	MG/KG	Vanadium
18	MG/KG	Zinc
NA	MG/KG	Cyanide
9	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9523** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
16000	MG/KG	Aluminum
0.76 R	MG/KG	Antimony
10	MG/KG	Arsenic
59	MG/KG	Barium
1.3	MG/KG	Beryllium
0.34 UJ	MG/KG	Cadmium
43000	MG/KG	Calcium
60 J	MG/KG	Chromium
14	MG/KG	Cobalt
15	MG/KG	Copper
21000 J	MG/KG	Iron
26 J	MG/KG	Lead
11000	MG/KG	Magnesium
890 J	MG/KG	Manganese
0.20 U	MG/KG	Total Mercury
20	MG/KG	Nickel
2300	MG/KG	Potassium
6.8 U	MG/KG	Selenium
2.0 U	MG/KG	Silver
8600	MG/KG	Sodium
0.72 R	MG/KG	Thallium
41	MG/KG	Vanadium
130	MG/KG	Zinc
NA	MG/KG	Cyanide
49	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9524** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8900	MG/KG	Aluminum
26 UJ	MG/KG	Antimony
3.8 J	MG/KG	Arsenic
74 J	MG/KG	Barium
0.82 UJ	MG/KG	Beryllium
2.2 U	MG/KG	Cadmium
5100	MG/KG	Calcium
95 J	MG/KG	Chromium
4.1 J	MG/KG	Cobalt
33	MG/KG	Copper
8500 J	MG/KG	Iron
23 J	MG/KG	Lead
4300	MG/KG	Magnesium
54 J	MG/KG	Manganese
0.17 UJ	MG/KG	Total Mercury
64	MG/KG	Nickel
1400 J	MG/KG	Potassium
24	MG/KG	Selenium
4.3 U	MG/KG	Silver
22000	MG/KG	Sodium
11 U	MG/KG	Thallium
590	MG/KG	Vanadium
150	MG/KG	Zinc
NA	MG/KG	Cyanide
77	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9525** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05D /
Media: SEDIMENT

Case No: 34717
MD No: 3AK1
D No: 3AK1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8900	MG/KG	Aluminum
30 UJ	MG/KG	Antimony
3.3 J	MG/KG	Arsenic
50 J	MG/KG	Barium
0.79 UJ	MG/KG	Beryllium
2.5 U	MG/KG	Cadmium
5000	MG/KG	Calcium
80 J	MG/KG	Chromium
2.7 J	MG/KG	Cobalt
30	MG/KG	Copper
6500 J	MG/KG	Iron
25 J	MG/KG	Lead
4400	MG/KG	Magnesium
51 J	MG/KG	Manganese
0.14 UJ	MG/KG	Total Mercury
47	MG/KG	Nickel
1500 J	MG/KG	Potassium
21	MG/KG	Selenium
4.9 U	MG/KG	Silver
25000	MG/KG	Sodium
12 U	MG/KG	Thallium
500	MG/KG	Vanadium
130	MG/KG	Zinc
NA	MG/KG	Cyanide
80	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9526** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK2
D No: 3AK2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6800	MG/KG	Aluminum
14 UJ	MG/KG	Antimony
3.3	MG/KG	Arsenic
11 J	MG/KG	Barium
0.32 UJ	MG/KG	Beryllium
1.2 U	MG/KG	Cadmium
1200 J	MG/KG	Calcium
14 J	MG/KG	Chromium
1.8 J	MG/KG	Cobalt
6.8	MG/KG	Copper
9200 J	MG/KG	Iron
8.0 J	MG/KG	Lead
2400	MG/KG	Magnesium
51 J	MG/KG	Manganese
0.24 U	MG/KG	Total Mercury
5.9 J	MG/KG	Nickel
1400	MG/KG	Potassium
8.4 U	MG/KG	Selenium
2.4 U	MG/KG	Silver
9900	MG/KG	Sodium
6.0 U	MG/KG	Thallium
28	MG/KG	Vanadium
30	MG/KG	Zinc
NA	MG/KG	Cyanide
58	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9527** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4000	MG/KG	Aluminum
0.49 R	MG/KG	Antimony
1.5 J	MG/KG	Arsenic
7.3 J	MG/KG	Barium
0.06 J	MG/KG	Beryllium
0.67 U	MG/KG	Cadmium
3000	MG/KG	Calcium
5.6	MG/KG	Chromium
0.66 J	MG/KG	Cobalt
2.0 J	MG/KG	Copper
5800	MG/KG	Iron
3.0	MG/KG	Lead
610 J	MG/KG	Magnesium
32 J	MG/KG	Manganese
0.13 U	MG/KG	Total Mercury
2.5 J	MG/KG	Nickel
240 J	MG/KG	Potassium
4.7 U	MG/KG	Selenium
1.3 U	MG/KG	Silver
2800	MG/KG	Sodium
3.3 U	MG/KG	Thallium
9.8	MG/KG	Vanadium
9.5	MG/KG	Zinc
NA	MG/KG	Cyanide
25	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9528** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AF9
D No: 3AF9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS		UNITS	ANALYTE
15000		MG/KG	Aluminum
1.1	R	MG/KG	Antimony
18	J	MG/KG	Arsenic
52	J	MG/KG	Barium
0.97	UJ	MG/KG	Beryllium
2.5	U	MG/KG	Cadmium
2300	J	MG/KG	Calcium
19	J	MG/KG	Chromium
5.3	J	MG/KG	Cobalt
14	J	MG/KG	Copper
41000	J	MG/KG	Iron
26	J	MG/KG	Lead
3400		MG/KG	Magnesium
190	J	MG/KG	Manganese
0.50	U	MG/KG	Total Mercury
8.1	J	MG/KG	Nickel
1400	J	MG/KG	Potassium
17	U	MG/KG	Selenium
5.0	U	MG/KG	Silver
9600		MG/KG	Sodium
12	U	MG/KG	Thallium
38		MG/KG	Vanadium
85		MG/KG	Zinc
	NA	MG/KG	Cyanide
80		%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9529** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG0
D No: 3AG0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS		UNITS	ANALYTE
11000		MG/KG	Aluminum
28	UJ	MG/KG	Antimony
9.0	J	MG/KG	Arsenic
79	J	MG/KG	Barium
0.84	UJ	MG/KG	Beryllium
2.3	U	MG/KG	Cadmium
2200	J	MG/KG	Calcium
14	J	MG/KG	Chromium
7.8	J	MG/KG	Cobalt
16	J	MG/KG	Copper
23000	J	MG/KG	Iron
17	J	MG/KG	Lead
3400		MG/KG	Magnesium
260	J	MG/KG	Manganese
0.47	U	MG/KG	Total Mercury
9.7	J	MG/KG	Nickel
1500	J	MG/KG	Potassium
16	U	MG/KG	Selenium
4.7	U	MG/KG	Silver
9400		MG/KG	Sodium
12	U	MG/KG	Thallium
28		MG/KG	Vanadium
110		MG/KG	Zinc
	NA	MG/KG	Cyanide
79		%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9530** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG1
D No: 3AG1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
9300	MG/KG	Aluminum
17 UJ	MG/KG	Antimony
7.7 J	MG/KG	Arsenic
160 J	MG/KG	Barium
0.74 UJ	MG/KG	Beryllium
1.4 U	MG/KG	Cadmium
1900 J	MG/KG	Calcium
13 J	MG/KG	Chromium
7.4 J	MG/KG	Cobalt
14 J	MG/KG	Copper
18000 J	MG/KG	Iron
14 J	MG/KG	Lead
3600	MG/KG	Magnesium
380 J	MG/KG	Manganese
0.09 UJ	MG/KG	Total Mercury
12 J	MG/KG	Nickel
1900	MG/KG	Potassium
9.8 U	MG/KG	Selenium
2.8 U	MG/KG	Silver
8100	MG/KG	Sodium
7.0 U	MG/KG	Thallium
25	MG/KG	Vanadium
74	MG/KG	Zinc
NA	MG/KG	Cyanide
64	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9531** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG2
D No: 3AG2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1900	MG/KG	Aluminum
8.1 UJ	MG/KG	Antimony
1.0 J	MG/KG	Arsenic
390 J	MG/KG	Barium
0.15 UJ	MG/KG	Beryllium
0.92	MG/KG	Cadmium
11000 J	MG/KG	Calcium
3.6 J	MG/KG	Chromium
1.2 J	MG/KG	Cobalt
2.9 J	MG/KG	Copper
3500 J	MG/KG	Iron
8.8 J	MG/KG	Lead
460 J	MG/KG	Magnesium
160 J	MG/KG	Manganese
0.14 U	MG/KG	Total Mercury
1.6 J	MG/KG	Nickel
200 J	MG/KG	Potassium
4.7 U	MG/KG	Selenium
1.4 U	MG/KG	Silver
830	MG/KG	Sodium
3.4 U	MG/KG	Thallium
4.3 J	MG/KG	Vanadium
83	MG/KG	Zinc
NA	MG/KG	Cyanide
26	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9532** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG3
D No: 3AG3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2600	MG/KG	Aluminum
6.9 UJ	MG/KG	Antimony
0.41 R	MG/KG	Arsenic
15 J	MG/KG	Barium
0.03 UJ	MG/KG	Beryllium
0.58 U	MG/KG	Cadmium
2000 J	MG/KG	Calcium
2.7 J	MG/KG	Chromium
0.49 J	MG/KG	Cobalt
2.0 J	MG/KG	Copper
1900 J	MG/KG	Iron
6.6 J	MG/KG	Lead
160 J	MG/KG	Magnesium
21 J	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
1.2 J	MG/KG	Nickel
89 J	MG/KG	Potassium
4.1 U	MG/KG	Selenium
1.2 U	MG/KG	Silver
530 J	MG/KG	Sodium
2.9 U	MG/KG	Thallium
4.6 J	MG/KG	Vanadium
21	MG/KG	Zinc
NA	MG/KG	Cyanide
14	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9533** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG4
D No: 3AG4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5400	MG/KG	Aluminum
6.9 UJ	MG/KG	Antimony
1.3 J	MG/KG	Arsenic
16 J	MG/KG	Barium
0.03 UJ	MG/KG	Beryllium
0.57 U	MG/KG	Cadmium
320 J	MG/KG	Calcium
5.3 J	MG/KG	Chromium
0.87 J	MG/KG	Cobalt
2.5 J	MG/KG	Copper
5200 J	MG/KG	Iron
6.0 J	MG/KG	Lead
210 J	MG/KG	Magnesium
160 J	MG/KG	Manganese
0.04 UJ	MG/KG	Total Mercury
1.6 J	MG/KG	Nickel
120 J	MG/KG	Potassium
0.27 R	MG/KG	Selenium
1.2 U	MG/KG	Silver
440 J	MG/KG	Sodium
2.9 U	MG/KG	Thallium
9.8	MG/KG	Vanadium
6.3 J	MG/KG	Zinc
NA	MG/KG	Cyanide
13	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9534** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG5
D No: 3AG5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5500	MG/KG	Aluminum
7.0 UJ	MG/KG	Antimony
1.3 J	MG/KG	Arsenic
16 J	MG/KG	Barium
0.04 UJ	MG/KG	Beryllium
0.58 U	MG/KG	Cadmium
380 J	MG/KG	Calcium
5.1 J	MG/KG	Chromium
0.91 J	MG/KG	Cobalt
2.6 J	MG/KG	Copper
5000 J	MG/KG	Iron
6.5 J	MG/KG	Lead
220 J	MG/KG	Magnesium
170 J	MG/KG	Manganese
0.05 UJ	MG/KG	Total Mercury
1.6 J	MG/KG	Nickel
120 J	MG/KG	Potassium
0.58 J	MG/KG	Selenium
1.2 U	MG/KG	Silver
590	MG/KG	Sodium
2.9 U	MG/KG	Thallium
9.7	MG/KG	Vanadium
6.5 J	MG/KG	Zinc
NA	MG/KG	Cyanide
14	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9535** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG7
D No: 3AG7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5000	MG/KG	Aluminum
1.6 J	MG/KG	Antimony
3.6 J	MG/KG	Arsenic
81 J	MG/KG	Barium
0.05 J	MG/KG	Beryllium
0.58 U	MG/KG	Cadmium
970 J	MG/KG	Calcium
39 J	MG/KG	Chromium
4.1 J	MG/KG	Cobalt
46 J	MG/KG	Copper
56000 J	MG/KG	Iron
130 J	MG/KG	Lead
620	MG/KG	Magnesium
350 J	MG/KG	Manganese
0.12 U	MG/KG	Total Mercury
14 J	MG/KG	Nickel
260 J	MG/KG	Potassium
4.1 U	MG/KG	Selenium
1.2 U	MG/KG	Silver
1200	MG/KG	Sodium
0.54 J	MG/KG	Thallium
11	MG/KG	Vanadium
980	MG/KG	Zinc
NA	MG/KG	Cyanide
15	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9536** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG8
D No: 3AG8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7800	MG/KG	Aluminum
7.4 UJ	MG/KG	Antimony
2.2 J	MG/KG	Arsenic
18 J	MG/KG	Barium
0.08 UJ	MG/KG	Beryllium
0.61 U	MG/KG	Cadmium
2100 J	MG/KG	Calcium
10 J	MG/KG	Chromium
1.1 J	MG/KG	Cobalt
6.5 J	MG/KG	Copper
10000 J	MG/KG	Iron
8.8 J	MG/KG	Lead
540 J	MG/KG	Magnesium
46 J	MG/KG	Manganese
0.12 U	MG/KG	Total Mercury
2.3 J	MG/KG	Nickel
240 J	MG/KG	Potassium
0.47 R	MG/KG	Selenium
1.2 U	MG/KG	Silver
1100	MG/KG	Sodium
3.1 U	MG/KG	Thallium
16	MG/KG	Vanadium
44	MG/KG	Zinc
NA	MG/KG	Cyanide
18	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9537** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG9
D No: 3AG9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
9500	MG/KG	Aluminum
0.45 J	MG/KG	Antimony
1.2 J	MG/KG	Arsenic
260 J	MG/KG	Barium
0.04 UJ	MG/KG	Beryllium
0.54 U	MG/KG	Cadmium
16000 J	MG/KG	Calcium
10 J	MG/KG	Chromium
3.3 J	MG/KG	Cobalt
45 J	MG/KG	Copper
8800 J	MG/KG	Iron
80 J	MG/KG	Lead
1800	MG/KG	Magnesium
54 J	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
6.7 J	MG/KG	Nickel
270 J	MG/KG	Potassium
3.8 U	MG/KG	Selenium
1.1 U	MG/KG	Silver
1400	MG/KG	Sodium
0.47 R	MG/KG	Thallium
18	MG/KG	Vanadium
220	MG/KG	Zinc
NA	MG/KG	Cyanide
7	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9538** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH0
D No: 3AH0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4000	MG/KG	Aluminum
7.4 UJ	MG/KG	Antimony
1.6 J	MG/KG	Arsenic
15 J	MG/KG	Barium
0.03 UJ	MG/KG	Beryllium
0.62 U	MG/KG	Cadmium
180 J	MG/KG	Calcium
8.5 J	MG/KG	Chromium
0.41 J	MG/KG	Cobalt
13 J	MG/KG	Copper
7700 J	MG/KG	Iron
17 J	MG/KG	Lead
350 J	MG/KG	Magnesium
8.9 J	MG/KG	Manganese
0.15	MG/KG	Total Mercury
1.2 J	MG/KG	Nickel
290 J	MG/KG	Potassium
4.3 U	MG/KG	Selenium
1.2 U	MG/KG	Silver
1500	MG/KG	Sodium
3.1 U	MG/KG	Thallium
12	MG/KG	Vanadium
11	MG/KG	Zinc
NA	MG/KG	Cyanide
19	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9539** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH1
D No: 3AH1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4100	MG/KG	Aluminum
0.40 R	MG/KG	Antimony
2.2 J	MG/KG	Arsenic
75 J	MG/KG	Barium
0.17 UJ	MG/KG	Beryllium
0.27 J	MG/KG	Cadmium
19000 J	MG/KG	Calcium
8.1 J	MG/KG	Chromium
1.5 J	MG/KG	Cobalt
48 J	MG/KG	Copper
6800 J	MG/KG	Iron
48 J	MG/KG	Lead
830 J	MG/KG	Magnesium
120 J	MG/KG	Manganese
0.07 UJ	MG/KG	Total Mercury
4.0 J	MG/KG	Nickel
340 J	MG/KG	Potassium
6.4 U	MG/KG	Selenium
1.8 U	MG/KG	Silver
1800	MG/KG	Sodium
4.6 U	MG/KG	Thallium
8.8 J	MG/KG	Vanadium
1200	MG/KG	Zinc
NA	MG/KG	Cyanide
45	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9540** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH2
D No: 3AH2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5300	MG/KG	Aluminum
0.48 R	MG/KG	Antimony
2.3 J	MG/KG	Arsenic
52 J	MG/KG	Barium
0.15 UJ	MG/KG	Beryllium
0.81 U	MG/KG	Cadmium
14000 J	MG/KG	Calcium
8.7 J	MG/KG	Chromium
1.4 J	MG/KG	Cobalt
32 J	MG/KG	Copper
6500 J	MG/KG	Iron
34 J	MG/KG	Lead
770 J	MG/KG	Magnesium
82 J	MG/KG	Manganese
0.07 UJ	MG/KG	Total Mercury
3.9 J	MG/KG	Nickel
370 J	MG/KG	Potassium
5.6 U	MG/KG	Selenium
1.6 U	MG/KG	Silver
1400	MG/KG	Sodium
4.0 U	MG/KG	Thallium
11	MG/KG	Vanadium
580	MG/KG	Zinc
NA	MG/KG	Cyanide
38	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9541** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH3
D No: 3AH3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2600	MG/KG	Aluminum
6.6 UJ	MG/KG	Antimony
2.7 J	MG/KG	Arsenic
24 J	MG/KG	Barium
0.06 UJ	MG/KG	Beryllium
0.55 U	MG/KG	Cadmium
1500 J	MG/KG	Calcium
3.9 J	MG/KG	Chromium
0.47 J	MG/KG	Cobalt
11 J	MG/KG	Copper
2600 J	MG/KG	Iron
71 J	MG/KG	Lead
330 UJ	MG/KG	Magnesium
35 J	MG/KG	Manganese
0.13	MG/KG	Total Mercury
1.4 J	MG/KG	Nickel
150 J	MG/KG	Potassium
0.24 R	MG/KG	Selenium
1.1 U	MG/KG	Silver
730	MG/KG	Sodium
2.8 U	MG/KG	Thallium
4.5 J	MG/KG	Vanadium
93	MG/KG	Zinc
NA	MG/KG	Cyanide
9	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9542** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3000	MG/KG	Aluminum
7.5 UJ	MG/KG	Antimony
1.3 J	MG/KG	Arsenic
29 J	MG/KG	Barium
0.08 UJ	MG/KG	Beryllium
0.63 U	MG/KG	Cadmium
5900 J	MG/KG	Calcium
5.9 J	MG/KG	Chromium
0.83 J	MG/KG	Cobalt
9.9 J	MG/KG	Copper
3300 J	MG/KG	Iron
44 J	MG/KG	Lead
610 J	MG/KG	Magnesium
74 J	MG/KG	Manganese
0.07 UJ	MG/KG	Total Mercury
4.8 J	MG/KG	Nickel
280 J	MG/KG	Potassium
4.4 U	MG/KG	Selenium
1.3 U	MG/KG	Silver
900	MG/KG	Sodium
3.1 U	MG/KG	Thallium
5.8 J	MG/KG	Vanadium
78	MG/KG	Zinc
NA	MG/KG	Cyanide
20	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9543** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH5
D No: 3AH5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
15000	MG/KG	Aluminum
0.71 R	MG/KG	Antimony
14 J	MG/KG	Arsenic
180 J	MG/KG	Barium
0.31 UJ	MG/KG	Beryllium
0.98 U	MG/KG	Cadmium
3200 J	MG/KG	Calcium
16 J	MG/KG	Chromium
2.5 J	MG/KG	Cobalt
39 J	MG/KG	Copper
11000 J	MG/KG	Iron
26 J	MG/KG	Lead
1700	MG/KG	Magnesium
210 J	MG/KG	Manganese
0.08 UJ	MG/KG	Total Mercury
5.0 J	MG/KG	Nickel
700 J	MG/KG	Potassium
6.8 U	MG/KG	Selenium
2.0 U	MG/KG	Silver
2500	MG/KG	Sodium
4.9 U	MG/KG	Thallium
23	MG/KG	Vanadium
110	MG/KG	Zinc
NA	MG/KG	Cyanide
49	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9544** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH6
D No: 3AH6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3500	MG/KG	Aluminum
0.55 R	MG/KG	Antimony
2.1 J	MG/KG	Arsenic
97 J	MG/KG	Barium
0.14 UJ	MG/KG	Beryllium
0.71 U	MG/KG	Cadmium
12000 J	MG/KG	Calcium
8.3 J	MG/KG	Chromium
1.3 J	MG/KG	Cobalt
18 J	MG/KG	Copper
5400 J	MG/KG	Iron
91 J	MG/KG	Lead
2300	MG/KG	Magnesium
85 J	MG/KG	Manganese
0.12 UJ	MG/KG	Total Mercury
2.6 J	MG/KG	Nickel
280 J	MG/KG	Potassium
5.0 U	MG/KG	Selenium
1.4 U	MG/KG	Silver
1300	MG/KG	Sodium
0.35 R	MG/KG	Thallium
8.2	MG/KG	Vanadium
130	MG/KG	Zinc
NA	MG/KG	Cyanide
29	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9545** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH7
D No: 3AH7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4300	MG/KG	Aluminum
1.2 J	MG/KG	Antimony
4.5 J	MG/KG	Arsenic
430 J	MG/KG	Barium
0.30 UJ	MG/KG	Beryllium
1.1 U	MG/KG	Cadmium
2900 J	MG/KG	Calcium
9.2 J	MG/KG	Chromium
2.2 J	MG/KG	Cobalt
120 J	MG/KG	Copper
8300 J	MG/KG	Iron
21 J	MG/KG	Lead
1700	MG/KG	Magnesium
73 J	MG/KG	Manganese
0.05 UJ	MG/KG	Total Mercury
3.0 J	MG/KG	Nickel
730 J	MG/KG	Potassium
7.4 U	MG/KG	Selenium
2.1 U	MG/KG	Silver
4300	MG/KG	Sodium
5.3 U	MG/KG	Thallium
11 J	MG/KG	Vanadium
100	MG/KG	Zinc
NA	MG/KG	Cyanide
52	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9546** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH8
D No: 3AH8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12000	MG/KG	Aluminum
1.1 R	MG/KG	Antimony
53 J	MG/KG	Arsenic
140 J	MG/KG	Barium
2.0	MG/KG	Beryllium
1.1 U	MG/KG	Cadmium
1500 J	MG/KG	Calcium
22 J	MG/KG	Chromium
8.3 J	MG/KG	Cobalt
33 J	MG/KG	Copper
13000 J	MG/KG	Iron
18 J	MG/KG	Lead
1100	MG/KG	Magnesium
96 J	MG/KG	Manganese
0.13 UJ	MG/KG	Total Mercury
18 J	MG/KG	Nickel
1600	MG/KG	Potassium
0.88 J	MG/KG	Selenium
2.2 U	MG/KG	Silver
1800	MG/KG	Sodium
1.9 J	MG/KG	Thallium
50	MG/KG	Vanadium
56	MG/KG	Zinc
NA	MG/KG	Cyanide
55	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9547** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS		UNITS	ANALYTE
9000		MG/KG	Aluminum
0.59	R	MG/KG	Antimony
35	J	MG/KG	Arsenic
87	J	MG/KG	Barium
1.3		MG/KG	Beryllium
1.2	U	MG/KG	Cadmium
1400	J	MG/KG	Calcium
18	J	MG/KG	Chromium
7.9	J	MG/KG	Cobalt
22	J	MG/KG	Copper
13000	J	MG/KG	Iron
15	J	MG/KG	Lead
1200		MG/KG	Magnesium
130	J	MG/KG	Manganese
0.15	UJ	MG/KG	Total Mercury
14	J	MG/KG	Nickel
1200	J	MG/KG	Potassium
0.73	R	MG/KG	Selenium
2.4	U	MG/KG	Silver
1900		MG/KG	Sodium
0.53	R	MG/KG	Thallium
38		MG/KG	Vanadium
49	J	MG/KG	Zinc
	NA	MG/KG	Cyanide
58		%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9548** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4800	MG/KG	Aluminum
7.9 UJ	MG/KG	Antimony
1.0 R	MG/KG	Arsenic
400	MG/KG	Barium
0.22 UJ	MG/KG	Beryllium
0.65 U	MG/KG	Cadmium
330 J	MG/KG	Calcium
7.3 J	MG/KG	Chromium
0.83 J	MG/KG	Cobalt
2.6 J	MG/KG	Copper
2900 J	MG/KG	Iron
16 J	MG/KG	Lead
470 J	MG/KG	Magnesium
12 J	MG/KG	Manganese
0.13 U	MG/KG	Total Mercury
1.6 J	MG/KG	Nickel
240 J	MG/KG	Potassium
4.6 U	MG/KG	Selenium
1.3 U	MG/KG	Silver
630 J	MG/KG	Sodium
3.3 U	MG/KG	Thallium
11	MG/KG	Vanadium
15	MG/KG	Zinc
NA	MG/KG	Cyanide
24	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/28/2005 14:33**

Sample **9549** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ1
D No: 3AJ1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4000	MG/KG	Aluminum
6.8 UJ	MG/KG	Antimony
1.0 R	MG/KG	Arsenic
15 J	MG/KG	Barium
0.04 UJ	MG/KG	Beryllium
0.57 U	MG/KG	Cadmium
540 J	MG/KG	Calcium
5.6 J	MG/KG	Chromium
0.45 J	MG/KG	Cobalt
1.9 J	MG/KG	Copper
4300 J	MG/KG	Iron
13 J	MG/KG	Lead
140 J	MG/KG	Magnesium
36 J	MG/KG	Manganese
0.03 UJ	MG/KG	Total Mercury
1.3 J	MG/KG	Nickel
85 J	MG/KG	Potassium
4.0 U	MG/KG	Selenium
1.1 U	MG/KG	Silver
96 UJ	MG/KG	Sodium
2.8 U	MG/KG	Thallium
9.2	MG/KG	Vanadium
11	MG/KG	Zinc
NA	MG/KG	Cyanide
12	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9550** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ2
D No: 3AJ2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5100	MG/KG	Aluminum
0.28 R	MG/KG	Antimony
1.5	MG/KG	Arsenic
17 J	MG/KG	Barium
0.10 UJ	MG/KG	Beryllium
0.57 U	MG/KG	Cadmium
230 J	MG/KG	Calcium
9.1 J	MG/KG	Chromium
0.74 J	MG/KG	Cobalt
2.0 J	MG/KG	Copper
7900 J	MG/KG	Iron
26 J	MG/KG	Lead
140 J	MG/KG	Magnesium
180 J	MG/KG	Manganese
0.04 UJ	MG/KG	Total Mercury
1.6 J	MG/KG	Nickel
82 J	MG/KG	Potassium
0.48 R	MG/KG	Selenium
1.1 U	MG/KG	Silver
110 UJ	MG/KG	Sodium
2.8 U	MG/KG	Thallium
14	MG/KG	Vanadium
14	MG/KG	Zinc
NA	MG/KG	Cyanide
12	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9551** FY **2005** Project: **05-0928**

Metals Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6500	MG/KG	Aluminum
0.24 R	MG/KG	Antimony
1.4	MG/KG	Arsenic
27	MG/KG	Barium
0.12 UJ	MG/KG	Beryllium
0.56 U	MG/KG	Cadmium
1100	MG/KG	Calcium
11 J	MG/KG	Chromium
1.2 J	MG/KG	Cobalt
2.7 J	MG/KG	Copper
9900 J	MG/KG	Iron
16 J	MG/KG	Lead
150 J	MG/KG	Magnesium
380 J	MG/KG	Manganese
0.11 U	MG/KG	Total Mercury
2.5 J	MG/KG	Nickel
88 J	MG/KG	Potassium
4.0 U	MG/KG	Selenium
1.1 U	MG/KG	Silver
110 UJ	MG/KG	Sodium
2.8 U	MG/KG	Thallium
16	MG/KG	Vanadium
21	MG/KG	Zinc
NA	MG/KG	Cyanide
11	%	% Moisture

Cyanide Analysis Not Requested

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9518** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF08 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ4
D No: 3AJ4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.8 UJ	UG/KG	alpha-BHC
1.8 U	UG/KG	beta-BHC
1.8 U	UG/KG	delta-BHC
1.8 UJ	UG/KG	gamma-BHC (Lindane)
1.8 U	UG/KG	Heptachlor
1.8 U	UG/KG	Aldrin
1.8 U	UG/KG	Heptachlor Epoxide
1.8 U	UG/KG	Endosulfan I (alpha)
3.5 U	UG/KG	Dieldrin
3.5 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.5 U	UG/KG	Endrin
3.5 U	UG/KG	Endosulfan II (beta)
3.5 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.5 U	UG/KG	Endosulfan Sulfate
3.5 U	UG/KG	4,4'-DDT (p,p'-DDT)
3.7 NJ	UG/KG	Methoxychlor
3.5 U	UG/KG	Endrin Ketone
3.5 U	UG/KG	Endrin Aldehyde
1.8 U	UG/KG	alpha-Chlordane /2
1.8 U	UG/KG	gamma-Chlordane /2
180 U	UG/KG	Toxaphene
35 U	UG/KG	PCB-1016 (Aroclor 1016)
71 U	UG/KG	PCB-1221 (Aroclor 1221)
35 U	UG/KG	PCB-1232 (Aroclor 1232)
35 U	UG/KG	PCB-1242 (Aroclor 1242)
35 U	UG/KG	PCB-1248 (Aroclor 1248)
35 U	UG/KG	PCB-1254 (Aroclor 1254)
35 U	UG/KG	PCB-1260 (Aroclor 1260)
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9519** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD07 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ5
D No: 3AJ5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.8 UJ	UG/KG	alpha-BHC
2.8 U	UG/KG	beta-BHC
2.8 U	UG/KG	delta-BHC
2.8 UJ	UG/KG	gamma-BHC (Lindane)
2.8 U	UG/KG	Heptachlor
2.8 U	UG/KG	Aldrin
2.8 U	UG/KG	Heptachlor Epoxide
2.8 U	UG/KG	Endosulfan I (alpha)
5.5 U	UG/KG	Dieldrin
5.5 U	UG/KG	4,4'-DDE (p,p'-DDE)
5.5 U	UG/KG	Endrin
5.5 U	UG/KG	Endosulfan II (beta)
5.5 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
5.5 U	UG/KG	Endosulfan Sulfate
5.5 U	UG/KG	4,4'-DDT (p,p'-DDT)
28 U	UG/KG	Methoxychlor
5.5 U	UG/KG	Endrin Ketone
5.5 U	UG/KG	Endrin Aldehyde
2.8 U	UG/KG	alpha-Chlordane /2
2.8 U	UG/KG	gamma-Chlordane /2
280 U	UG/KG	Toxaphene
55 U	UG/KG	PCB-1016 (Aroclor 1016)
110 U	UG/KG	PCB-1221 (Aroclor 1221)
55 U	UG/KG	PCB-1232 (Aroclor 1232)
55 U	UG/KG	PCB-1242 (Aroclor 1242)
55 U	UG/KG	PCB-1248 (Aroclor 1248)
55 U	UG/KG	PCB-1254 (Aroclor 1254)
55 U	UG/KG	PCB-1260 (Aroclor 1260)
40	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9520** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ6
D No: 3AJ6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.2 UJ	UG/KG	alpha-BHC
2.2 U	UG/KG	beta-BHC
2.2 U	UG/KG	delta-BHC
2.2 UJ	UG/KG	gamma-BHC (Lindane)
2.2 U	UG/KG	Heptachlor
2.2 U	UG/KG	Aldrin
2.2 U	UG/KG	Heptachlor Epoxide
2.2 U	UG/KG	Endosulfan I (alpha)
4.3 U	UG/KG	Dieldrin
4.3 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.3 U	UG/KG	Endrin
4.3 U	UG/KG	Endosulfan II (beta)
4.3 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.3 U	UG/KG	Endosulfan Sulfate
4.3 U	UG/KG	4,4'-DDT (p,p'-DDT)
22 U	UG/KG	Methoxychlor
4.3 U	UG/KG	Endrin Ketone
4.3 U	UG/KG	Endrin Aldehyde
2.2 U	UG/KG	alpha-Chlordane /2
2.2 U	UG/KG	gamma-Chlordane /2
220 U	UG/KG	Toxaphene
43 U	UG/KG	PCB-1016 (Aroclor 1016)
87 U	UG/KG	PCB-1221 (Aroclor 1221)
43 U	UG/KG	PCB-1232 (Aroclor 1232)
43 U	UG/KG	PCB-1242 (Aroclor 1242)
43 U	UG/KG	PCB-1248 (Aroclor 1248)
43 U	UG/KG	PCB-1254 (Aroclor 1254)
43 U	UG/KG	PCB-1260 (Aroclor 1260)
23	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9521** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ7
D No: 3AJ7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.2 UJ	UG/KG	alpha-BHC
2.2 U	UG/KG	beta-BHC
2.2 U	UG/KG	delta-BHC
2.2 UJ	UG/KG	gamma-BHC (Lindane)
2.2 U	UG/KG	Heptachlor
2.2 U	UG/KG	Aldrin
2.2 U	UG/KG	Heptachlor Epoxide
2.2 U	UG/KG	Endosulfan I (alpha)
4.2 U	UG/KG	Dieldrin
4.2 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.2 U	UG/KG	Endrin
4.2 U	UG/KG	Endosulfan II (beta)
4.2 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.2 U	UG/KG	Endosulfan Sulfate
4.2 U	UG/KG	4,4'-DDT (p,p'-DDT)
5.3 NJ	UG/KG	Methoxychlor
4.2 U	UG/KG	Endrin Ketone
4.2 U	UG/KG	Endrin Aldehyde
2.2 U	UG/KG	alpha-Chlordane /2
2.2 U	UG/KG	gamma-Chlordane /2
220 U	UG/KG	Toxaphene
42 U	UG/KG	PCB-1016 (Aroclor 1016)
85 U	UG/KG	PCB-1221 (Aroclor 1221)
42 U	UG/KG	PCB-1232 (Aroclor 1232)
42 U	UG/KG	PCB-1242 (Aroclor 1242)
42 U	UG/KG	PCB-1248 (Aroclor 1248)
42 U	UG/KG	PCB-1254 (Aroclor 1254)
42 U	UG/KG	PCB-1260 (Aroclor 1260)
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9522** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ8
D No: 3AJ8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:55
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.8 U	UG/KG	beta-BHC
1.9 U	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
1.9 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
3.6 U	UG/KG	Dieldrin
3.6 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.6 U	UG/KG	Endrin
3.6 U	UG/KG	Endosulfan II (beta)
3.6 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.6 U	UG/KG	Endosulfan Sulfate
3.6 U	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
3.6 U	UG/KG	Endrin Ketone
3.6 U	UG/KG	Endrin Aldehyde
1.9 U	UG/KG	alpha-Chlordane /2
1.9 U	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
36 U	UG/KG	PCB-1016 (Aroclor 1016)
74 U	UG/KG	PCB-1221 (Aroclor 1221)
36 U	UG/KG	PCB-1232 (Aroclor 1232)
36 U	UG/KG	PCB-1242 (Aroclor 1242)
36 U	UG/KG	PCB-1248 (Aroclor 1248)
36 U	UG/KG	PCB-1254 (Aroclor 1254)
36 U	UG/KG	PCB-1260 (Aroclor 1260)
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9523** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.5 UJ	UG/KG	alpha-BHC
3.5 U	UG/KG	beta-BHC
3.5 U	UG/KG	delta-BHC
3.5 UJ	UG/KG	gamma-BHC (Lindane)
3.5 U	UG/KG	Heptachlor
3.5 U	UG/KG	Aldrin
3.5 U	UG/KG	Heptachlor Epoxide
3.5 U	UG/KG	Endosulfan I (alpha)
6.7 U	UG/KG	Dieldrin
6.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
6.7 U	UG/KG	Endrin
6.7 U	UG/KG	Endosulfan II (beta)
6.7 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
6.7 U	UG/KG	Endosulfan Sulfate
6.7 U	UG/KG	4,4'-DDT (p,p'-DDT)
7.8 NJ	UG/KG	Methoxychlor
6.7 U	UG/KG	Endrin Ketone
6.7 U	UG/KG	Endrin Aldehyde
3.5 U	UG/KG	alpha-Chlordane /2
3.5 U	UG/KG	gamma-Chlordane /2
350 U	UG/KG	Toxaphene
67 U	UG/KG	PCB-1016 (Aroclor 1016)
140 U	UG/KG	PCB-1221 (Aroclor 1221)
67 U	UG/KG	PCB-1232 (Aroclor 1232)
67 U	UG/KG	PCB-1242 (Aroclor 1242)
67 U	UG/KG	PCB-1248 (Aroclor 1248)
67 U	UG/KG	PCB-1254 (Aroclor 1254)
67 U	UG/KG	PCB-1260 (Aroclor 1260)
51	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9524** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7.4 UJ	UG/KG	alpha-BHC
7.4 U	UG/KG	beta-BHC
7.4 U	UG/KG	delta-BHC
7.4 UJ	UG/KG	gamma-BHC (Lindane)
7.4 U	UG/KG	Heptachlor
7.4 U	UG/KG	Aldrin
7.4 U	UG/KG	Heptachlor Epoxide
7.4 U	UG/KG	Endosulfan I (alpha)
14 U	UG/KG	Dieldrin
14 U	UG/KG	4,4'-DDE (p,p'-DDE)
14 U	UG/KG	Endrin
14 U	UG/KG	Endosulfan II (beta)
14 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
14 U	UG/KG	Endosulfan Sulfate
14 U	UG/KG	4,4'-DDT (p,p'-DDT)
74 U	UG/KG	Methoxychlor
14 U	UG/KG	Endrin Ketone
14 U	UG/KG	Endrin Aldehyde
7.4 U	UG/KG	alpha-Chlordane /2
3.8 NJ	UG/KG	gamma-Chlordane /2
740 U	UG/KG	Toxaphene
140 U	UG/KG	PCB-1016 (Aroclor 1016)
290 U	UG/KG	PCB-1221 (Aroclor 1221)
140 U	UG/KG	PCB-1232 (Aroclor 1232)
140 U	UG/KG	PCB-1242 (Aroclor 1242)
140 U	UG/KG	PCB-1248 (Aroclor 1248)
140 U	UG/KG	PCB-1254 (Aroclor 1254)
140 U	UG/KG	PCB-1260 (Aroclor 1260)
77	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9525** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05D /
Media: SEDIMENT

Case No: 34717
MD No: 3AK1
D No: 3AK1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.3 UJ	UG/KG	alpha-BHC
6.3 U	UG/KG	beta-BHC
6.3 U	UG/KG	delta-BHC
6.3 UJ	UG/KG	gamma-BHC (Lindane)
6.3 U	UG/KG	Heptachlor
6.3 U	UG/KG	Aldrin
6.3 U	UG/KG	Heptachlor Epoxide
6.3 U	UG/KG	Endosulfan I (alpha)
12 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endosulfan Sulfate
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
63 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
12 U	UG/KG	Endrin Aldehyde
6.3 U	UG/KG	alpha-Chlordane /2
3.2 NJ	UG/KG	gamma-Chlordane /2
630 U	UG/KG	Toxaphene
120 U	UG/KG	PCB-1016 (Aroclor 1016)
250 U	UG/KG	PCB-1221 (Aroclor 1221)
120 U	UG/KG	PCB-1232 (Aroclor 1232)
120 U	UG/KG	PCB-1242 (Aroclor 1242)
120 U	UG/KG	PCB-1248 (Aroclor 1248)
120 U	UG/KG	PCB-1254 (Aroclor 1254)
120 U	UG/KG	PCB-1260 (Aroclor 1260)
73	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9526** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK2
D No: 3AK2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.7 UJ	UG/KG	alpha-BHC
3.7 U	UG/KG	beta-BHC
3.7 U	UG/KG	delta-BHC
3.7 UJ	UG/KG	gamma-BHC (Lindane)
3.7 U	UG/KG	Heptachlor
3.7 U	UG/KG	Aldrin
3.7 U	UG/KG	Heptachlor Epoxide
3.7 U	UG/KG	Endosulfan I (alpha)
7.2 U	UG/KG	Dieldrin
7.2 U	UG/KG	4,4'-DDE (p,p'-DDE)
7.2 U	UG/KG	Endrin
7.2 U	UG/KG	Endosulfan II (beta)
7.2 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
7.2 U	UG/KG	Endosulfan Sulfate
7.2 U	UG/KG	4,4'-DDT (p,p'-DDT)
37 U	UG/KG	Methoxychlor
7.2 U	UG/KG	Endrin Ketone
7.2 U	UG/KG	Endrin Aldehyde
3.7 U	UG/KG	alpha-Chlordane /2
3.7 U	UG/KG	gamma-Chlordane /2
370 U	UG/KG	Toxaphene
72 U	UG/KG	PCB-1016 (Aroclor 1016)
150 U	UG/KG	PCB-1221 (Aroclor 1221)
72 U	UG/KG	PCB-1232 (Aroclor 1232)
72 U	UG/KG	PCB-1242 (Aroclor 1242)
72 U	UG/KG	PCB-1248 (Aroclor 1248)
72 U	UG/KG	PCB-1254 (Aroclor 1254)
72 U	UG/KG	PCB-1260 (Aroclor 1260)
54	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9527** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.3 UJ	UG/KG	alpha-BHC
2.3 U	UG/KG	beta-BHC
2.3 U	UG/KG	delta-BHC
2.3 UJ	UG/KG	gamma-BHC (Lindane)
2.3 U	UG/KG	Heptachlor
2.3 U	UG/KG	Aldrin
2.3 U	UG/KG	Heptachlor Epoxide
2.3 U	UG/KG	Endosulfan I (alpha)
4.4 U	UG/KG	Dieldrin
4.4 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.4 U	UG/KG	Endrin
4.4 U	UG/KG	Endosulfan II (beta)
4.4 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.4 U	UG/KG	Endosulfan Sulfate
4.4 U	UG/KG	4,4'-DDT (p,p'-DDT)
23 U	UG/KG	Methoxychlor
4.4 U	UG/KG	Endrin Ketone
4.4 U	UG/KG	Endrin Aldehyde
2.3 U	UG/KG	alpha-Chlordane /2
2.3 U	UG/KG	gamma-Chlordane /2
230 U	UG/KG	Toxaphene
44 U	UG/KG	PCB-1016 (Aroclor 1016)
89 U	UG/KG	PCB-1221 (Aroclor 1221)
44 U	UG/KG	PCB-1232 (Aroclor 1232)
44 U	UG/KG	PCB-1242 (Aroclor 1242)
44 U	UG/KG	PCB-1248 (Aroclor 1248)
44 U	UG/KG	PCB-1254 (Aroclor 1254)
44 U	UG/KG	PCB-1260 (Aroclor 1260)
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9528** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AF9
D No: 3AF9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7.7 UJ	UG/KG	alpha-BHC
7.7 U	UG/KG	beta-BHC
7.7 U	UG/KG	delta-BHC
7.7 UJ	UG/KG	gamma-BHC (Lindane)
7.7 U	UG/KG	Heptachlor
7.7 U	UG/KG	Aldrin
7.7 U	UG/KG	Heptachlor Epoxide
7.7 U	UG/KG	Endosulfan I (alpha)
15 U	UG/KG	Dieldrin
15 U	UG/KG	4,4'-DDE (p,p'-DDE)
15 U	UG/KG	Endrin
15 U	UG/KG	Endosulfan II (beta)
15 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
15 U	UG/KG	Endosulfan Sulfate
15 U	UG/KG	4,4'-DDT (p,p'-DDT)
77 U	UG/KG	Methoxychlor
15 U	UG/KG	Endrin Ketone
15 U	UG/KG	Endrin Aldehyde
7.7 U	UG/KG	alpha-Chlordane /2
7.7 U	UG/KG	gamma-Chlordane /2
770 U	UG/KG	Toxaphene
150 U	UG/KG	PCB-1016 (Aroclor 1016)
300 U	UG/KG	PCB-1221 (Aroclor 1221)
150 U	UG/KG	PCB-1232 (Aroclor 1232)
150 U	UG/KG	PCB-1242 (Aroclor 1242)
150 U	UG/KG	PCB-1248 (Aroclor 1248)
150 U	UG/KG	PCB-1254 (Aroclor 1254)
150 U	UG/KG	PCB-1260 (Aroclor 1260)
78	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9529** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG0
D No: 3AG0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8.5 UJ	UG/KG	alpha-BHC
8.5 U	UG/KG	beta-BHC
8.5 U	UG/KG	delta-BHC
8.5 UJ	UG/KG	gamma-BHC (Lindane)
8.5 U	UG/KG	Heptachlor
8.5 U	UG/KG	Aldrin
8.5 U	UG/KG	Heptachlor Epoxide
8.5 U	UG/KG	Endosulfan I (alpha)
17 U	UG/KG	Dieldrin
17 U	UG/KG	4,4'-DDE (p,p'-DDE)
17 U	UG/KG	Endrin
17 U	UG/KG	Endosulfan II (beta)
17 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
17 U	UG/KG	Endosulfan Sulfate
17 U	UG/KG	4,4'-DDT (p,p'-DDT)
85 U	UG/KG	Methoxychlor
17 U	UG/KG	Endrin Ketone
17 U	UG/KG	Endrin Aldehyde
8.5 U	UG/KG	alpha-Chlordane /2
8.5 U	UG/KG	gamma-Chlordane /2
850 U	UG/KG	Toxaphene
170 U	UG/KG	PCB-1016 (Aroclor 1016)
340 U	UG/KG	PCB-1221 (Aroclor 1221)
170 U	UG/KG	PCB-1232 (Aroclor 1232)
170 U	UG/KG	PCB-1242 (Aroclor 1242)
170 U	UG/KG	PCB-1248 (Aroclor 1248)
170 U	UG/KG	PCB-1254 (Aroclor 1254)
170 U	UG/KG	PCB-1260 (Aroclor 1260)
80	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9530** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG1
D No: 3AG1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.0 UJ	UG/KG	alpha-BHC
4.0 U	UG/KG	beta-BHC
4.0 U	UG/KG	delta-BHC
4.0 UJ	UG/KG	gamma-BHC (Lindane)
4.0 U	UG/KG	Heptachlor
4.0 U	UG/KG	Aldrin
4.0 U	UG/KG	Heptachlor Epoxide
4.0 U	UG/KG	Endosulfan I (alpha)
7.9 U	UG/KG	Dieldrin
7.9 U	UG/KG	4,4'-DDE (p,p'-DDE)
7.9 U	UG/KG	Endrin
7.9 U	UG/KG	Endosulfan II (beta)
7.9 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
7.9 U	UG/KG	Endosulfan Sulfate
7.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
40 U	UG/KG	Methoxychlor
7.9 U	UG/KG	Endrin Ketone
7.9 U	UG/KG	Endrin Aldehyde
4.0 U	UG/KG	alpha-Chlordane /2
4.0 U	UG/KG	gamma-Chlordane /2
400 U	UG/KG	Toxaphene
79 U	UG/KG	PCB-1016 (Aroclor 1016)
160 U	UG/KG	PCB-1221 (Aroclor 1221)
79 U	UG/KG	PCB-1232 (Aroclor 1232)
79 U	UG/KG	PCB-1242 (Aroclor 1242)
79 U	UG/KG	PCB-1248 (Aroclor 1248)
79 U	UG/KG	PCB-1254 (Aroclor 1254)
79 U	UG/KG	PCB-1260 (Aroclor 1260)
58	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9531** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG2
D No: 3AG2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 UJ	UG/KG	alpha-BHC
2.0 U	UG/KG	beta-BHC
2.0 U	UG/KG	delta-BHC
2.0 UJ	UG/KG	gamma-BHC (Lindane)
2.0 U	UG/KG	Heptachlor
2.0 U	UG/KG	Aldrin
2.0 U	UG/KG	Heptachlor Epoxide
2.0 U	UG/KG	Endosulfan I (alpha)
4.0 U	UG/KG	Dieldrin
4.0 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.0 U	UG/KG	Endrin
4.0 U	UG/KG	Endosulfan II (beta)
4.0 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.0 U	UG/KG	Endosulfan Sulfate
4.0 U	UG/KG	4,4'-DDT (p,p'-DDT)
20 U	UG/KG	Methoxychlor
4.0 U	UG/KG	Endrin Ketone
4.0 U	UG/KG	Endrin Aldehyde
2.0 U	UG/KG	alpha-Chlordane /2
2.0 U	UG/KG	gamma-Chlordane /2
200 U	UG/KG	Toxaphene
40 U	UG/KG	PCB-1016 (Aroclor 1016)
81 U	UG/KG	PCB-1221 (Aroclor 1221)
40 U	UG/KG	PCB-1232 (Aroclor 1232)
40 U	UG/KG	PCB-1242 (Aroclor 1242)
40 U	UG/KG	PCB-1248 (Aroclor 1248)
40 U	UG/KG	PCB-1254 (Aroclor 1254)
40 U	UG/KG	PCB-1260 (Aroclor 1260)
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9532** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG3
D No: 3AG3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.9 U	UG/KG	beta-BHC
1.9 U	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
2.5 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
3.8 U	UG/KG	Dieldrin
3.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.8 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
3.8 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
3.8 U	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
3.8 U	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
1.9 U	UG/KG	alpha-Chlordane /2
0.86 J	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
76 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
38 U	UG/KG	PCB-1260 (Aroclor 1260)
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9533** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG4
D No: 3AG4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 UJ	UG/KG	alpha-BHC
2.0 U	UG/KG	beta-BHC
2.0 U	UG/KG	delta-BHC
2.0 UJ	UG/KG	gamma-BHC (Lindane)
2.0 U	UG/KG	Heptachlor
2.0 U	UG/KG	Aldrin
2.0 U	UG/KG	Heptachlor Epoxide
2.0 U	UG/KG	Endosulfan I (alpha)
3.8 U	UG/KG	Dieldrin
3.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.8 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
3.8 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
3.8 U	UG/KG	4,4'-DDT (p,p'-DDT)
20 U	UG/KG	Methoxychlor
3.8 U	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
2.0 U	UG/KG	alpha-Chlordane /2
2.0 U	UG/KG	gamma-Chlordane /2
200 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
77 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
38 U	UG/KG	PCB-1260 (Aroclor 1260)
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9534** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG5
D No: 3AG5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 UJ	UG/KG	alpha-BHC
2.0 U	UG/KG	beta-BHC
2.0 U	UG/KG	delta-BHC
2.0 UJ	UG/KG	gamma-BHC (Lindane)
2.0 U	UG/KG	Heptachlor
2.0 U	UG/KG	Aldrin
2.0 U	UG/KG	Heptachlor Epoxide
2.0 U	UG/KG	Endosulfan I (alpha)
3.8 U	UG/KG	Dieldrin
3.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.8 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
3.8 U	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
3.8 U	UG/KG	4,4'-DDT (p,p'-DDT)
20 U	UG/KG	Methoxychlor
3.8 U	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
2.0 U	UG/KG	alpha-Chlordane /2
2.0 U	UG/KG	gamma-Chlordane /2
200 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
77 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
38 U	UG/KG	PCB-1260 (Aroclor 1260)
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9535** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG7
D No: 3AG7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 UJ	UG/KG	alpha-BHC
2.0 U	UG/KG	beta-BHC
2.0 U	UG/KG	delta-BHC
2.0 UJ	UG/KG	gamma-BHC (Lindane)
2.0 U	UG/KG	Heptachlor
2.0 U	UG/KG	Aldrin
2.0 U	UG/KG	Heptachlor Epoxide
2.0 U	UG/KG	Endosulfan I (alpha)
3.8 U	UG/KG	Dieldrin
3.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.8 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
3.8 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
3.8 U	UG/KG	4,4'-DDT (p,p'-DDT)
20 U	UG/KG	Methoxychlor
3.8 U	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
2.0 U	UG/KG	alpha-Chlordane /2
2.0 U	UG/KG	gamma-Chlordane /2
200 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
78 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
21 J	UG/KG	PCB-1260 (Aroclor 1260)
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9536** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG8
D No: 3AG8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.1 UJ	UG/KG	alpha-BHC
2.1 U	UG/KG	beta-BHC
2.1 U	UG/KG	delta-BHC
2.1 UJ	UG/KG	gamma-BHC (Lindane)
2.1 U	UG/KG	Heptachlor
2.1 U	UG/KG	Aldrin
2.1 U	UG/KG	Heptachlor Epoxide
2.1 U	UG/KG	Endosulfan I (alpha)
4.1 U	UG/KG	Dieldrin
4.1 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.1 U	UG/KG	Endrin
4.1 U	UG/KG	Endosulfan II (beta)
4.1 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.1 U	UG/KG	Endosulfan Sulfate
4.1 U	UG/KG	4,4'-DDT (p,p'-DDT)
21 U	UG/KG	Methoxychlor
2.0 NJ	UG/KG	Endrin Ketone
4.1 U	UG/KG	Endrin Aldehyde
2.1 U	UG/KG	alpha-Chlordane /2
2.1 U	UG/KG	gamma-Chlordane /2
210 U	UG/KG	Toxaphene
41 U	UG/KG	PCB-1016 (Aroclor 1016)
83 U	UG/KG	PCB-1221 (Aroclor 1221)
41 U	UG/KG	PCB-1232 (Aroclor 1232)
41 U	UG/KG	PCB-1242 (Aroclor 1242)
41 U	UG/KG	PCB-1248 (Aroclor 1248)
41 U	UG/KG	PCB-1254 (Aroclor 1254)
41 U	UG/KG	PCB-1260 (Aroclor 1260)
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9537** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG9
D No: 3AG9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.8 UJ	UG/KG	alpha-BHC
1.8 U	UG/KG	beta-BHC
1.8 U	UG/KG	delta-BHC
1.8 UJ	UG/KG	gamma-BHC (Lindane)
1.8 U	UG/KG	Heptachlor
1.8 U	UG/KG	Aldrin
1.8 U	UG/KG	Heptachlor Epoxide
1.8 U	UG/KG	Endosulfan I (alpha)
3.5 U	UG/KG	Dieldrin
3.5 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.5 U	UG/KG	Endrin
3.5 U	UG/KG	Endosulfan II (beta)
3.5 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.5 U	UG/KG	Endosulfan Sulfate
1.4 J	UG/KG	4,4'-DDT (p,p'-DDT)
8.0 NJ	UG/KG	Methoxychlor
3.5 U	UG/KG	Endrin Ketone
3.5 U	UG/KG	Endrin Aldehyde
1.7 NJ	UG/KG	alpha-Chlordane /2
1.8 U	UG/KG	gamma-Chlordane /2
180 U	UG/KG	Toxaphene
35 U	UG/KG	PCB-1016 (Aroclor 1016)
71 U	UG/KG	PCB-1221 (Aroclor 1221)
35 U	UG/KG	PCB-1232 (Aroclor 1232)
35 U	UG/KG	PCB-1242 (Aroclor 1242)
35 U	UG/KG	PCB-1248 (Aroclor 1248)
35 U	UG/KG	PCB-1254 (Aroclor 1254)
35 U	UG/KG	PCB-1260 (Aroclor 1260)
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9538** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH0
D No: 3AH0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 UJ	UG/KG	alpha-BHC
2.0 U	UG/KG	beta-BHC
2.0 U	UG/KG	delta-BHC
2.0 UJ	UG/KG	gamma-BHC (Lindane)
2.0 U	UG/KG	Heptachlor
2.0 U	UG/KG	Aldrin
8.3 U	UG/KG	Heptachlor Epoxide
2.0 U	UG/KG	Endosulfan I (alpha)
9.7	UG/KG	Dieldrin
19 N	UG/KG	4,4'-DDE (p,p'-DDE)
3.9 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
3.8 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
12 N	UG/KG	4,4'-DDT (p,p'-DDT)
20 U	UG/KG	Methoxychlor
2.7 NJ	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
2.0 U	UG/KG	alpha-Chlordane /2
5.8	UG/KG	gamma-Chlordane /2
200 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
78 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
38 U	UG/KG	PCB-1260 (Aroclor 1260)
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9539** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH1
D No: 3AH1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.7 UJ	UG/KG	alpha-BHC
2.7 U	UG/KG	beta-BHC
2.7 U	UG/KG	delta-BHC
2.7 UJ	UG/KG	gamma-BHC (Lindane)
2.7 U	UG/KG	Heptachlor
2.7 U	UG/KG	Aldrin
2.7 U	UG/KG	Heptachlor Epoxide
2.7 U	UG/KG	Endosulfan I (alpha)
5.2 U	UG/KG	Dieldrin
5.2 U	UG/KG	4,4'-DDE (p,p'-DDE)
5.2 U	UG/KG	Endrin
5.2 U	UG/KG	Endosulfan II (beta)
5.2 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
5.2 U	UG/KG	Endosulfan Sulfate
5.2 U	UG/KG	4,4'-DDT (p,p'-DDT)
27 U	UG/KG	Methoxychlor
5.2 U	UG/KG	Endrin Ketone
5.2 U	UG/KG	Endrin Aldehyde
2.7 U	UG/KG	alpha-Chlordane /2
2.7 U	UG/KG	gamma-Chlordane /2
270 U	UG/KG	Toxaphene
52 U	UG/KG	PCB-1016 (Aroclor 1016)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
52 U	UG/KG	PCB-1232 (Aroclor 1232)
52 U	UG/KG	PCB-1242 (Aroclor 1242)
52 U	UG/KG	PCB-1248 (Aroclor 1248)
52 U	UG/KG	PCB-1254 (Aroclor 1254)
52 U	UG/KG	PCB-1260 (Aroclor 1260)
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9540** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH2
D No: 3AH2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.7 UJ	UG/KG	alpha-BHC
2.7 U	UG/KG	beta-BHC
2.7 U	UG/KG	delta-BHC
2.7 UJ	UG/KG	gamma-BHC (Lindane)
2.7 U	UG/KG	Heptachlor
2.7 U	UG/KG	Aldrin
2.7 U	UG/KG	Heptachlor Epoxide
2.7 U	UG/KG	Endosulfan I (alpha)
1.3 J	UG/KG	Dieldrin
1.1 NJ	UG/KG	4,4'-DDE (p,p'-DDE)
5.2 U	UG/KG	Endrin
5.2 U	UG/KG	Endosulfan II (beta)
5.2 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
1.2 J	UG/KG	Endosulfan Sulfate
5.2 U	UG/KG	4,4'-DDT (p,p'-DDT)
27 U	UG/KG	Methoxychlor
5.2 U	UG/KG	Endrin Ketone
5.2 U	UG/KG	Endrin Aldehyde
3.0 U	UG/KG	alpha-Chlordane /2
3.5 N	UG/KG	gamma-Chlordane /2
270 U	UG/KG	Toxaphene
52 U	UG/KG	PCB-1016 (Aroclor 1016)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
52 U	UG/KG	PCB-1232 (Aroclor 1232)
52 U	UG/KG	PCB-1242 (Aroclor 1242)
52 U	UG/KG	PCB-1248 (Aroclor 1248)
52 U	UG/KG	PCB-1254 (Aroclor 1254)
52 U	UG/KG	PCB-1260 (Aroclor 1260)
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9541** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH3
D No: 3AH3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.9 U	UG/KG	beta-BHC
1.9 U	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
5.0 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
7.2	UG/KG	Dieldrin
6.3	UG/KG	4,4'-DDE (p,p'-DDE)
3.6 U	UG/KG	Endrin
3.6 U	UG/KG	Endosulfan II (beta)
3.6 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.6 U	UG/KG	Endosulfan Sulfate
6.2 N	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
3.6 U	UG/KG	Endrin Ketone
3.6 U	UG/KG	Endrin Aldehyde
17 U	UG/KG	alpha-Chlordane /2
11 N	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
36 U	UG/KG	PCB-1016 (Aroclor 1016)
74 U	UG/KG	PCB-1221 (Aroclor 1221)
36 U	UG/KG	PCB-1232 (Aroclor 1232)
36 U	UG/KG	PCB-1242 (Aroclor 1242)
36 U	UG/KG	PCB-1248 (Aroclor 1248)
36 U	UG/KG	PCB-1254 (Aroclor 1254)
36 U	UG/KG	PCB-1260 (Aroclor 1260)
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9542** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.1 UJ	UG/KG	alpha-BHC
2.1 U	UG/KG	beta-BHC
2.1 U	UG/KG	delta-BHC
2.1 UJ	UG/KG	gamma-BHC (Lindane)
2.1 U	UG/KG	Heptachlor
0.91 NJ	UG/KG	Aldrin
2.9 U	UG/KG	Heptachlor Epoxide
2.1 U	UG/KG	Endosulfan I (alpha)
9.4	UG/KG	Dieldrin
5.6	UG/KG	4,4'-DDE (p,p'-DDE)
4.0 U	UG/KG	Endrin
4.0 U	UG/KG	Endosulfan II (beta)
4.0 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.0 U	UG/KG	Endosulfan Sulfate
9.9	UG/KG	4,4'-DDT (p,p'-DDT)
21 U	UG/KG	Methoxychlor
4.0 U	UG/KG	Endrin Ketone
4.0 U	UG/KG	Endrin Aldehyde
18 U	UG/KG	alpha-Chlordane /2
19 N	UG/KG	gamma-Chlordane /2
210 U	UG/KG	Toxaphene
40 U	UG/KG	PCB-1016 (Aroclor 1016)
82 U	UG/KG	PCB-1221 (Aroclor 1221)
40 U	UG/KG	PCB-1232 (Aroclor 1232)
40 U	UG/KG	PCB-1242 (Aroclor 1242)
40 U	UG/KG	PCB-1248 (Aroclor 1248)
40 U	UG/KG	PCB-1254 (Aroclor 1254)
40 U	UG/KG	PCB-1260 (Aroclor 1260)
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9543** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH5
D No: 3AH5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.1 UJ	UG/KG	alpha-BHC
3.1 U	UG/KG	beta-BHC
3.1 U	UG/KG	delta-BHC
3.1 UJ	UG/KG	gamma-BHC (Lindane)
3.1 U	UG/KG	Heptachlor
15 N	UG/KG	Aldrin
3.1 U	UG/KG	Heptachlor Epoxide
3.1 U	UG/KG	Endosulfan I (alpha)
12	UG/KG	Dieldrin
6.5	UG/KG	4,4'-DDE (p,p'-DDE)
6.0 U	UG/KG	Endrin
6.0 U	UG/KG	Endosulfan II (beta)
3.3 NJ	UG/KG	4,4'-DDD (p,p'-DDD)
6.0 U	UG/KG	Endosulfan Sulfate
12	UG/KG	4,4'-DDT (p,p'-DDT)
31 U	UG/KG	Methoxychlor
6.0 U	UG/KG	Endrin Ketone
6.0 U	UG/KG	Endrin Aldehyde
24 N	UG/KG	alpha-Chlordane /2
23 N	UG/KG	gamma-Chlordane /2
310 U	UG/KG	Toxaphene
60 U	UG/KG	PCB-1016 (Aroclor 1016)
120 U	UG/KG	PCB-1221 (Aroclor 1221)
60 U	UG/KG	PCB-1232 (Aroclor 1232)
60 U	UG/KG	PCB-1242 (Aroclor 1242)
60 U	UG/KG	PCB-1248 (Aroclor 1248)
60 U	UG/KG	PCB-1254 (Aroclor 1254)
60 U	UG/KG	PCB-1260 (Aroclor 1260)
45	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9544** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH6
D No: 3AH6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 UJ	UG/KG	alpha-BHC
2.5 U	UG/KG	beta-BHC
2.5 U	UG/KG	delta-BHC
2.5 UJ	UG/KG	gamma-BHC (Lindane)
2.5 U	UG/KG	Heptachlor
2.5 U	UG/KG	Aldrin
2.5 U	UG/KG	Heptachlor Epoxide
2.5 U	UG/KG	Endosulfan I (alpha)
7.1	UG/KG	Dieldrin
4.9 N	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
2.0 J	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
3.9 J	UG/KG	4,4'-DDT (p,p'-DDT)
6.8 J	UG/KG	Methoxychlor
2.3 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
8.4 N	UG/KG	alpha-Chlordane /2
6.6 U	UG/KG	gamma-Chlordane /2
250 U	UG/KG	Toxaphene
49 U	UG/KG	PCB-1016 (Aroclor 1016)
99 U	UG/KG	PCB-1221 (Aroclor 1221)
49 U	UG/KG	PCB-1232 (Aroclor 1232)
49 U	UG/KG	PCB-1242 (Aroclor 1242)
49 U	UG/KG	PCB-1248 (Aroclor 1248)
49 U	UG/KG	PCB-1254 (Aroclor 1254)
49 U	UG/KG	PCB-1260 (Aroclor 1260)
32	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9545** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH7
D No: 3AH7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.4 UJ	UG/KG	alpha-BHC
3.4 U	UG/KG	beta-BHC
3.4 U	UG/KG	delta-BHC
3.4 UJ	UG/KG	gamma-BHC (Lindane)
3.4 U	UG/KG	Heptachlor
3.4 U	UG/KG	Aldrin
3.4 U	UG/KG	Heptachlor Epoxide
3.4 U	UG/KG	Endosulfan I (alpha)
4.6 NJ	UG/KG	Dieldrin
2.0 J	UG/KG	4,4'-DDE (p,p'-DDE)
6.6 U	UG/KG	Endrin
6.6 U	UG/KG	Endosulfan II (beta)
6.6 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
6.6 U	UG/KG	Endosulfan Sulfate
2.7 J	UG/KG	4,4'-DDT (p,p'-DDT)
34 U	UG/KG	Methoxychlor
6.6 U	UG/KG	Endrin Ketone
6.6 U	UG/KG	Endrin Aldehyde
6.5 U	UG/KG	alpha-Chlordane /2
8.4	UG/KG	gamma-Chlordane /2
340 U	UG/KG	Toxaphene
66 U	UG/KG	PCB-1016 (Aroclor 1016)
130 U	UG/KG	PCB-1221 (Aroclor 1221)
66 U	UG/KG	PCB-1232 (Aroclor 1232)
66 U	UG/KG	PCB-1242 (Aroclor 1242)
66 U	UG/KG	PCB-1248 (Aroclor 1248)
66 U	UG/KG	PCB-1254 (Aroclor 1254)
66 U	UG/KG	PCB-1260 (Aroclor 1260)
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9546** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH8
D No: 3AH8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.4 UJ	UG/KG	alpha-BHC
3.4 U	UG/KG	beta-BHC
3.4 U	UG/KG	delta-BHC
3.4 UJ	UG/KG	gamma-BHC (Lindane)
3.4 U	UG/KG	Heptachlor
3.4 U	UG/KG	Aldrin
3.4 U	UG/KG	Heptachlor Epoxide
3.4 U	UG/KG	Endosulfan I (alpha)
6.6 U	UG/KG	Dieldrin
6.6 U	UG/KG	4,4'-DDE (p,p'-DDE)
1.8 NJ	UG/KG	Endrin
6.6 U	UG/KG	Endosulfan II (beta)
6.6 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
6.6 U	UG/KG	Endosulfan Sulfate
6.6 U	UG/KG	4,4'-DDT (p,p'-DDT)
34 U	UG/KG	Methoxychlor
6.6 U	UG/KG	Endrin Ketone
6.6 U	UG/KG	Endrin Aldehyde
4.7	UG/KG	alpha-Chlordane /2
3.4 U	UG/KG	gamma-Chlordane /2
340 U	UG/KG	Toxaphene
66 U	UG/KG	PCB-1016 (Aroclor 1016)
130 U	UG/KG	PCB-1221 (Aroclor 1221)
66 U	UG/KG	PCB-1232 (Aroclor 1232)
66 U	UG/KG	PCB-1242 (Aroclor 1242)
66 U	UG/KG	PCB-1248 (Aroclor 1248)
66 U	UG/KG	PCB-1254 (Aroclor 1254)
66 U	UG/KG	PCB-1260 (Aroclor 1260)
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9547** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.4 UJ	UG/KG	alpha-BHC
3.4 U	UG/KG	beta-BHC
3.4 U	UG/KG	delta-BHC
3.4 UJ	UG/KG	gamma-BHC (Lindane)
3.4 U	UG/KG	Heptachlor
3.4 U	UG/KG	Aldrin
3.4 U	UG/KG	Heptachlor Epoxide
1.1 J	UG/KG	Endosulfan I (alpha)
6.6 U	UG/KG	Dieldrin
6.6 U	UG/KG	4,4'-DDE (p,p'-DDE)
6.6 U	UG/KG	Endrin
6.6 U	UG/KG	Endosulfan II (beta)
6.6 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
6.6 U	UG/KG	Endosulfan Sulfate
6.6 U	UG/KG	4,4'-DDT (p,p'-DDT)
34 U	UG/KG	Methoxychlor
6.6 U	UG/KG	Endrin Ketone
6.6 U	UG/KG	Endrin Aldehyde
4.0 N	UG/KG	alpha-Chlordane /2
3.4 U	UG/KG	gamma-Chlordane /2
340 U	UG/KG	Toxaphene
66 U	UG/KG	PCB-1016 (Aroclor 1016)
130 U	UG/KG	PCB-1221 (Aroclor 1221)
66 U	UG/KG	PCB-1232 (Aroclor 1232)
66 U	UG/KG	PCB-1242 (Aroclor 1242)
66 U	UG/KG	PCB-1248 (Aroclor 1248)
66 U	UG/KG	PCB-1254 (Aroclor 1254)
66 U	UG/KG	PCB-1260 (Aroclor 1260)
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9548** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.2 UJ	UG/KG	alpha-BHC
2.2 U	UG/KG	beta-BHC
2.2 U	UG/KG	delta-BHC
2.2 UJ	UG/KG	gamma-BHC (Lindane)
2.2 U	UG/KG	Heptachlor
2.2 U	UG/KG	Aldrin
2.2 U	UG/KG	Heptachlor Epoxide
2.2 U	UG/KG	Endosulfan I (alpha)
4.3 U	UG/KG	Dieldrin
4.3 U	UG/KG	4,4'-DDE (p,p'-DDE)
1.0 J	UG/KG	Endrin
4.3 U	UG/KG	Endosulfan II (beta)
4.3 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
4.3 U	UG/KG	Endosulfan Sulfate
4.3 U	UG/KG	4,4'-DDT (p,p'-DDT)
22 U	UG/KG	Methoxychlor
4.3 U	UG/KG	Endrin Ketone
4.3 U	UG/KG	Endrin Aldehyde
2.2 U	UG/KG	alpha-Chlordane /2
2.2 U	UG/KG	gamma-Chlordane /2
220 U	UG/KG	Toxaphene
43 U	UG/KG	PCB-1016 (Aroclor 1016)
88 U	UG/KG	PCB-1221 (Aroclor 1221)
43 U	UG/KG	PCB-1232 (Aroclor 1232)
43 U	UG/KG	PCB-1242 (Aroclor 1242)
43 U	UG/KG	PCB-1248 (Aroclor 1248)
43 U	UG/KG	PCB-1254 (Aroclor 1254)
43 U	UG/KG	PCB-1260 (Aroclor 1260)
24	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9549** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ1
D No: 3AJ1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.9 U	UG/KG	beta-BHC
1.9 U	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
13 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
0.86 NJ	UG/KG	Dieldrin
3.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.7 U	UG/KG	Endrin
3.7 U	UG/KG	Endosulfan II (beta)
3.7 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.7 U	UG/KG	Endosulfan Sulfate
3.7 U	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
1.7 NJ	UG/KG	Endrin Ketone
3.7 U	UG/KG	Endrin Aldehyde
1.9 U	UG/KG	alpha-Chlordane /2
1.9 U	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
37 U	UG/KG	PCB-1016 (Aroclor 1016)
74 U	UG/KG	PCB-1221 (Aroclor 1221)
37 U	UG/KG	PCB-1232 (Aroclor 1232)
37 U	UG/KG	PCB-1242 (Aroclor 1242)
37 U	UG/KG	PCB-1248 (Aroclor 1248)
37 U	UG/KG	PCB-1254 (Aroclor 1254)
37 U	UG/KG	PCB-1260 (Aroclor 1260)
10	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9550** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ2
D No: 3AJ2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.9 UJ	UG/KG	alpha-BHC
1.9 U	UG/KG	beta-BHC
1.9 U	UG/KG	delta-BHC
1.9 UJ	UG/KG	gamma-BHC (Lindane)
1.9 U	UG/KG	Heptachlor
1.9 U	UG/KG	Aldrin
1.9 U	UG/KG	Heptachlor Epoxide
1.9 U	UG/KG	Endosulfan I (alpha)
1.0 J	UG/KG	Dieldrin
3.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.8 U	UG/KG	Endrin
3.8 U	UG/KG	Endosulfan II (beta)
0.80 J	UG/KG	4,4'-DDD (p,p'-DDD)
3.8 U	UG/KG	Endosulfan Sulfate
3.8 U	UG/KG	4,4'-DDT (p,p'-DDT)
19 U	UG/KG	Methoxychlor
3.8 U	UG/KG	Endrin Ketone
3.8 U	UG/KG	Endrin Aldehyde
1.1 NJ	UG/KG	alpha-Chlordane /2
1.9 U	UG/KG	gamma-Chlordane /2
190 U	UG/KG	Toxaphene
38 U	UG/KG	PCB-1016 (Aroclor 1016)
76 U	UG/KG	PCB-1221 (Aroclor 1221)
38 U	UG/KG	PCB-1232 (Aroclor 1232)
38 U	UG/KG	PCB-1242 (Aroclor 1242)
38 U	UG/KG	PCB-1248 (Aroclor 1248)
38 U	UG/KG	PCB-1254 (Aroclor 1254)
38 U	UG/KG	PCB-1260 (Aroclor 1260)
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9551** FY **2005** Project: **05-0928**

Pesticides & Aroclors Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.7 UJ	UG/KG	alpha-BHC
1.7 U	UG/KG	beta-BHC
1.7 U	UG/KG	delta-BHC
1.7 UJ	UG/KG	gamma-BHC (Lindane)
1.7 U	UG/KG	Heptachlor
1.7 U	UG/KG	Aldrin
1.7 U	UG/KG	Heptachlor Epoxide
1.7 U	UG/KG	Endosulfan I (alpha)
3.3 U	UG/KG	Dieldrin
3.3 U	UG/KG	4,4'-DDE (p,p'-DDE)
3.3 U	UG/KG	Endrin
3.3 U	UG/KG	Endosulfan II (beta)
3.3 UJ	UG/KG	4,4'-DDD (p,p'-DDD)
3.3 U	UG/KG	Endosulfan Sulfate
3.3 U	UG/KG	4,4'-DDT (p,p'-DDT)
5.7 J	UG/KG	Methoxychlor
3.3 U	UG/KG	Endrin Ketone
3.3 U	UG/KG	Endrin Aldehyde
1.7 U	UG/KG	alpha-Chlordane /2
1.7 U	UG/KG	gamma-Chlordane /2
170 U	UG/KG	Toxaphene
33 U	UG/KG	PCB-1016 (Aroclor 1016)
67 U	UG/KG	PCB-1221 (Aroclor 1221)
33 U	UG/KG	PCB-1232 (Aroclor 1232)
33 U	UG/KG	PCB-1242 (Aroclor 1242)
33 U	UG/KG	PCB-1248 (Aroclor 1248)
33 U	UG/KG	PCB-1254 (Aroclor 1254)
33 U	UG/KG	PCB-1260 (Aroclor 1260)
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9518** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF08 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ4
D No: 3AJ4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
16 U	UG/KG	Dichlorodifluoromethane
16 U	UG/KG	Chloromethane
16 U	UG/KG	Vinyl Chloride
16 U	UG/KG	Bromomethane
16 UJ	UG/KG	Chloroethane
16 U	UG/KG	Trichlorofluoromethane (Freon 11)
16 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
16 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
16 U	UG/KG	Acetone
16 U	UG/KG	Carbon Disulfide
16 U	UG/KG	Methyl Acetate
16 U	UG/KG	Methylene Chloride
16 U	UG/KG	trans-1,2-Dichloroethene
16 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	1,1-Dichloroethane
16 U	UG/KG	cis-1,2-Dichloroethene
16 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
16 U	UG/KG	Chloroform
16 U	UG/KG	1,1,1-Trichloroethane
16 U	UG/KG	Cyclohexane
16 U	UG/KG	Carbon Tetrachloride
16 U	UG/KG	Benzene
16 U	UG/KG	1,2-Dichloroethane
16 U	UG/KG	Trichloroethene (Trichloroethylene)
16 U	UG/KG	Methylcyclohexane
16 U	UG/KG	1,2-Dichloropropane
16 U	UG/KG	Bromodichloromethane
16 U	UG/KG	cis-1,3-Dichloropropene
16 U	UG/KG	Methyl Isobutyl Ketone
16 U	UG/KG	Toluene
16 U	UG/KG	trans-1,3-Dichloropropene
16 U	UG/KG	1,1,2-Trichloroethane
16 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
16 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
16 U	UG/KG	Dibromochloromethane
16 U	UG/KG	1,2-Dibromoethane (EDB)
16 U	UG/KG	Chlorobenzene
16 U	UG/KG	Ethyl Benzene
16 U	UG/KG	Total Xylenes
16 U	UG/KG	Styrene
16 U	UG/KG	Bromoform
16 U	UG/KG	Isopropylbenzene
16 U	UG/KG	1,1,2,2-Tetrachloroethane
16 U	UG/KG	1,3-Dichlorobenzene
16 U	UG/KG	1,4-Dichlorobenzene
16 U	UG/KG	1,2-Dichlorobenzene
16 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
16 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9519** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD07 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ5
D No: 3AJ5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
24 U	UG/KG	Dichlorodifluoromethane
24 U	UG/KG	Chloromethane
24 U	UG/KG	Vinyl Chloride
24 U	UG/KG	Bromomethane
24 UJ	UG/KG	Chloroethane
24 U	UG/KG	Trichlorofluoromethane (Freon 11)
24 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
24 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
24 U	UG/KG	Acetone
24 U	UG/KG	Carbon Disulfide
24 U	UG/KG	Methyl Acetate
24 U	UG/KG	Methylene Chloride
24 U	UG/KG	trans-1,2-Dichloroethene
24 U	UG/KG	Methyl T-Butyl Ether (MTBE)
24 U	UG/KG	1,1-Dichloroethane
24 U	UG/KG	cis-1,2-Dichloroethene
24 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
24 U	UG/KG	Chloroform
24 U	UG/KG	1,1,1-Trichloroethane
24 U	UG/KG	Cyclohexane
24 U	UG/KG	Carbon Tetrachloride
24 U	UG/KG	Benzene
24 U	UG/KG	1,2-Dichloroethane
24 U	UG/KG	Trichloroethene (Trichloroethylene)
24 U	UG/KG	Methylcyclohexane
24 U	UG/KG	1,2-Dichloropropane
24 U	UG/KG	Bromodichloromethane
24 U	UG/KG	cis-1,3-Dichloropropene
24 U	UG/KG	Methyl Isobutyl Ketone
24 U	UG/KG	Toluene
24 U	UG/KG	trans-1,3-Dichloropropene
24 U	UG/KG	1,1,2-Trichloroethane
24 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
24 U	UG/KG	Methyl Butyl Ketone
24 U	UG/KG	Dibromochloromethane
24 U	UG/KG	1,2-Dibromoethane (EDB)
24 U	UG/KG	Chlorobenzene
24 U	UG/KG	Ethyl Benzene
24 U	UG/KG	Total Xylenes
24 U	UG/KG	Styrene
24 U	UG/KG	Bromoform
24 U	UG/KG	Isopropylbenzene
24 U	UG/KG	1,1,2,2-Tetrachloroethane
24 U	UG/KG	1,3-Dichlorobenzene
24 U	UG/KG	1,4-Dichlorobenzene
24 U	UG/KG	1,2-Dichlorobenzene
24 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
24 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
40	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9520** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ6
D No: 3AJ6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dichlorodifluoromethane
13 U	UG/KG	Chloromethane
13 U	UG/KG	Vinyl Chloride
13 U	UG/KG	Bromomethane
13 UJ	UG/KG	Chloroethane
13 U	UG/KG	Trichlorofluoromethane (Freon 11)
13 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
13 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
13 U	UG/KG	Acetone
13 U	UG/KG	Carbon Disulfide
13 U	UG/KG	Methyl Acetate
13 U	UG/KG	Methylene Chloride
13 U	UG/KG	trans-1,2-Dichloroethene
13 U	UG/KG	Methyl T-Butyl Ether (MTBE)
13 U	UG/KG	1,1-Dichloroethane
13 U	UG/KG	cis-1,2-Dichloroethene
13 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
13 U	UG/KG	Chloroform
13 U	UG/KG	1,1,1-Trichloroethane
13 U	UG/KG	Cyclohexane
13 U	UG/KG	Carbon Tetrachloride
13 U	UG/KG	Benzene
13 U	UG/KG	1,2-Dichloroethane
13 U	UG/KG	Trichloroethene (Trichloroethylene)
13 U	UG/KG	Methylcyclohexane
13 U	UG/KG	1,2-Dichloropropane
13 U	UG/KG	Bromodichloromethane
13 U	UG/KG	cis-1,3-Dichloropropene
13 U	UG/KG	Methyl Isobutyl Ketone
13 U	UG/KG	Toluene
13 U	UG/KG	trans-1,3-Dichloropropene
13 U	UG/KG	1,1,2-Trichloroethane
13 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
13 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dibromochloromethane
13 U	UG/KG	1,2-Dibromoethane (EDB)
13 U	UG/KG	Chlorobenzene
13 U	UG/KG	Ethyl Benzene
13 U	UG/KG	Total Xylenes
13 U	UG/KG	Styrene
13 U	UG/KG	Bromoform
13 U	UG/KG	Isopropylbenzene
13 U	UG/KG	1,1,2,2-Tetrachloroethane
13 U	UG/KG	1,3-Dichlorobenzene
13 U	UG/KG	1,4-Dichlorobenzene
13 U	UG/KG	1,2-Dichlorobenzene
13 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
13 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
23	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9521** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF02S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ7
D No: 3AJ7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dichlorodifluoromethane
13 U	UG/KG	Chloromethane
13 U	UG/KG	Vinyl Chloride
13 U	UG/KG	Bromomethane
13 UJ	UG/KG	Chloroethane
13 U	UG/KG	Trichlorofluoromethane (Freon 11)
13 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
13 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
13 U	UG/KG	Acetone
13 U	UG/KG	Carbon Disulfide
13 U	UG/KG	Methyl Acetate
13 U	UG/KG	Methylene Chloride
13 U	UG/KG	trans-1,2-Dichloroethene
13 U	UG/KG	Methyl T-Butyl Ether (MTBE)
13 U	UG/KG	1,1-Dichloroethane
13 U	UG/KG	cis-1,2-Dichloroethene
13 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
13 U	UG/KG	Chloroform
13 U	UG/KG	1,1,1-Trichloroethane
13 U	UG/KG	Cyclohexane
13 U	UG/KG	Carbon Tetrachloride
13 U	UG/KG	Benzene
13 U	UG/KG	1,2-Dichloroethane
13 U	UG/KG	Trichloroethene (Trichloroethylene)
13 U	UG/KG	Methylcyclohexane
13 U	UG/KG	1,2-Dichloropropane
13 U	UG/KG	Bromodichloromethane
13 U	UG/KG	cis-1,3-Dichloropropene
13 U	UG/KG	Methyl Isobutyl Ketone
13 U	UG/KG	Toluene
13 U	UG/KG	trans-1,3-Dichloropropene
13 U	UG/KG	1,1,2-Trichloroethane
13 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
13 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dibromochloromethane
13 U	UG/KG	1,2-Dibromoethane (EDB)
13 U	UG/KG	Chlorobenzene
13 U	UG/KG	Ethyl Benzene
13 U	UG/KG	Total Xylenes
13 U	UG/KG	Styrene
13 U	UG/KG	Bromoform
13 U	UG/KG	Isopropylbenzene
13 U	UG/KG	1,1,2,2-Tetrachloroethane
13 U	UG/KG	1,3-Dichlorobenzene
13 U	UG/KG	1,4-Dichlorobenzene
13 U	UG/KG	1,2-Dichlorobenzene
13 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
13 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9522** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ8
D No: 3AJ8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 10:55
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 U	UG/KG	Bromomethane
11 UJ	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 U	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 U	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9523** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
25 U	UG/KG	Dichlorodifluoromethane
25 U	UG/KG	Chloromethane
25 U	UG/KG	Vinyl Chloride
25 U	UG/KG	Bromomethane
25 UJ	UG/KG	Chloroethane
25 U	UG/KG	Trichlorofluoromethane (Freon 11)
25 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
25 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
25 U	UG/KG	Acetone
25 U	UG/KG	Carbon Disulfide
25 U	UG/KG	Methyl Acetate
25 U	UG/KG	Methylene Chloride
25 U	UG/KG	trans-1,2-Dichloroethene
25 U	UG/KG	Methyl T-Butyl Ether (MTBE)
25 U	UG/KG	1,1-Dichloroethane
25 U	UG/KG	cis-1,2-Dichloroethene
25 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
25 U	UG/KG	Chloroform
25 U	UG/KG	1,1,1-Trichloroethane
25 U	UG/KG	Cyclohexane
25 U	UG/KG	Carbon Tetrachloride
25 U	UG/KG	Benzene
25 U	UG/KG	1,2-Dichloroethane
25 U	UG/KG	Trichloroethene (Trichloroethylene)
25 U	UG/KG	Methylcyclohexane
25 U	UG/KG	1,2-Dichloropropane
25 U	UG/KG	Bromodichloromethane
25 U	UG/KG	cis-1,3-Dichloropropene
25 U	UG/KG	Methyl Isobutyl Ketone
25 U	UG/KG	Toluene
25 U	UG/KG	trans-1,3-Dichloropropene
25 U	UG/KG	1,1,2-Trichloroethane
25 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
25 U	UG/KG	Methyl Butyl Ketone
25 U	UG/KG	Dibromochloromethane
25 U	UG/KG	1,2-Dibromoethane (EDB)
25 U	UG/KG	Chlorobenzene
25 U	UG/KG	Ethyl Benzene
25 U	UG/KG	Total Xylenes
25 U	UG/KG	Styrene
25 U	UG/KG	Bromoform
25 U	UG/KG	Isopropylbenzene
25 U	UG/KG	1,1,2,2-Tetrachloroethane
25 U	UG/KG	1,3-Dichlorobenzene
25 U	UG/KG	1,4-Dichlorobenzene
25 U	UG/KG	1,2-Dichlorobenzene
25 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
25 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
51	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9523** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD06 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ9
D No: 3AJ9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 11:45
Ending:

RESULTS	UNITS	ANALYTE
50 NJ	UG/KG	DIMETHYL SULFIDE

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9524** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
67 U	UG/KG	Dichlorodifluoromethane
67 U	UG/KG	Chloromethane
67 U	UG/KG	Vinyl Chloride
67 U	UG/KG	Bromomethane
67 UJ	UG/KG	Chloroethane
67 U	UG/KG	Trichlorofluoromethane (Freon 11)
67 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
67 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
180	UG/KG	Acetone
67 U	UG/KG	Carbon Disulfide
67 U	UG/KG	Methyl Acetate
67 U	UG/KG	Methylene Chloride
67 U	UG/KG	trans-1,2-Dichloroethene
67 U	UG/KG	Methyl T-Butyl Ether (MTBE)
67 U	UG/KG	1,1-Dichloroethane
67 U	UG/KG	cis-1,2-Dichloroethene
67 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
67 U	UG/KG	Chloroform
67 U	UG/KG	1,1,1-Trichloroethane
67 U	UG/KG	Cyclohexane
67 U	UG/KG	Carbon Tetrachloride
67 U	UG/KG	Benzene
67 U	UG/KG	1,2-Dichloroethane
67 U	UG/KG	Trichloroethene (Trichloroethylene)
67 U	UG/KG	Methylcyclohexane
67 U	UG/KG	1,2-Dichloropropane
67 U	UG/KG	Bromodichloromethane
67 U	UG/KG	cis-1,3-Dichloropropene
67 U	UG/KG	Methyl Isobutyl Ketone
24 J	UG/KG	Toluene
67 U	UG/KG	trans-1,3-Dichloropropene
67 U	UG/KG	1,1,2-Trichloroethane
67 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
67 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
67 U	UG/KG	Dibromochloromethane
67 U	UG/KG	1,2-Dibromoethane (EDB)
67 U	UG/KG	Chlorobenzene
67 U	UG/KG	Ethyl Benzene
67 U	UG/KG	Total Xylenes
67 U	UG/KG	Styrene
67 U	UG/KG	Bromoform
67 U	UG/KG	Isopropylbenzene
67 U	UG/KG	1,1,2,2-Tetrachloroethane
67 U	UG/KG	1,3-Dichlorobenzene
67 U	UG/KG	1,4-Dichlorobenzene
67 U	UG/KG	1,2-Dichlorobenzene
67 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
67 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
77	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9524** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK0
D No: 3AK0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:35
Ending:

RESULTS		UNITS	ANALYTE
120	NJ	UG/KG	(1R)-2,6,6-TRIMETHYLBICYCLO[3,1,1] HEPT-2-ENE
57	NJ	UG/KG	CAMPHENE
130	NJ	UG/KG	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-
	N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9525** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD05D /
Media: SEDIMENT

Case No: 34717
MD No: 3AK1
D No: 3AK1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
59 U	UG/KG	Dichlorodifluoromethane
59 U	UG/KG	Chloromethane
59 U	UG/KG	Vinyl Chloride
59 U	UG/KG	Bromomethane
59 UJ	UG/KG	Chloroethane
59 U	UG/KG	Trichlorofluoromethane (Freon 11)
59 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
59 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
81	UG/KG	Acetone
59 U	UG/KG	Carbon Disulfide
59 U	UG/KG	Methyl Acetate
59 U	UG/KG	Methylene Chloride
59 U	UG/KG	trans-1,2-Dichloroethene
59 U	UG/KG	Methyl T-Butyl Ether (MTBE)
59 U	UG/KG	1,1-Dichloroethane
59 U	UG/KG	cis-1,2-Dichloroethene
59 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
59 U	UG/KG	Chloroform
59 U	UG/KG	1,1,1-Trichloroethane
59 U	UG/KG	Cyclohexane
59 U	UG/KG	Carbon Tetrachloride
59 U	UG/KG	Benzene
59 U	UG/KG	1,2-Dichloroethane
59 U	UG/KG	Trichloroethene (Trichloroethylene)
59 U	UG/KG	Methylcyclohexane
59 U	UG/KG	1,2-Dichloropropane
59 U	UG/KG	Bromodichloromethane
59 U	UG/KG	cis-1,3-Dichloropropene
59 U	UG/KG	Methyl Isobutyl Ketone
59 U	UG/KG	Toluene
59 U	UG/KG	trans-1,3-Dichloropropene
59 U	UG/KG	1,1,2-Trichloroethane
59 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
59 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
59 U	UG/KG	Dibromochloromethane
59 U	UG/KG	1,2-Dibromoethane (EDB)
59 U	UG/KG	Chlorobenzene
59 U	UG/KG	Ethyl Benzene
59 U	UG/KG	Total Xylenes
59 U	UG/KG	Styrene
59 U	UG/KG	Bromoform
59 U	UG/KG	Isopropylbenzene
59 U	UG/KG	1,1,2,2-Tetrachloroethane
59 U	UG/KG	1,3-Dichlorobenzene
59 U	UG/KG	1,4-Dichlorobenzene
59 U	UG/KG	1,2-Dichlorobenzene
59 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
59 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
78	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9526** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK2
D No: 3AK2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
35 U	UG/KG	Dichlorodifluoromethane
35 U	UG/KG	Chloromethane
35 U	UG/KG	Vinyl Chloride
35 U	UG/KG	Bromomethane
35 UJ	UG/KG	Chloroethane
35 U	UG/KG	Trichlorofluoromethane (Freon 11)
35 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
35 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
35 U	UG/KG	Acetone
35 U	UG/KG	Carbon Disulfide
35 U	UG/KG	Methyl Acetate
35 U	UG/KG	Methylene Chloride
35 U	UG/KG	trans-1,2-Dichloroethene
35 U	UG/KG	Methyl T-Butyl Ether (MTBE)
35 U	UG/KG	1,1-Dichloroethane
35 U	UG/KG	cis-1,2-Dichloroethene
35 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
35 U	UG/KG	Chloroform
35 U	UG/KG	1,1,1-Trichloroethane
35 U	UG/KG	Cyclohexane
35 U	UG/KG	Carbon Tetrachloride
35 U	UG/KG	Benzene
35 U	UG/KG	1,2-Dichloroethane
35 U	UG/KG	Trichloroethene (Trichloroethylene)
35 U	UG/KG	Methylcyclohexane
35 U	UG/KG	1,2-Dichloropropane
35 U	UG/KG	Bromodichloromethane
35 U	UG/KG	cis-1,3-Dichloropropene
35 U	UG/KG	Methyl Isobutyl Ketone
35 U	UG/KG	Toluene
35 U	UG/KG	trans-1,3-Dichloropropene
35 U	UG/KG	1,1,2-Trichloroethane
35 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
35 U	UG/KG	Methyl Butyl Ketone
35 U	UG/KG	Dibromochloromethane
35 U	UG/KG	1,2-Dibromoethane (EDB)
35 U	UG/KG	Chlorobenzene
35 U	UG/KG	Ethyl Benzene
35 U	UG/KG	Total Xylenes
35 U	UG/KG	Styrene
35 U	UG/KG	Bromoform
35 U	UG/KG	Isopropylbenzene
35 U	UG/KG	1,1,2,2-Tetrachloroethane
35 U	UG/KG	1,3-Dichlorobenzene
35 U	UG/KG	1,4-Dichlorobenzene
35 U	UG/KG	1,2-Dichlorobenzene
35 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
35 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
56	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9527** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dichlorodifluoromethane
13 U	UG/KG	Chloromethane
13 U	UG/KG	Vinyl Chloride
13 U	UG/KG	Bromomethane
13 UJ	UG/KG	Chloroethane
13 U	UG/KG	Trichlorofluoromethane (Freon 11)
13 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
13 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
13 U	UG/KG	Acetone
13 U	UG/KG	Carbon Disulfide
13 U	UG/KG	Methyl Acetate
13 U	UG/KG	Methylene Chloride
13 U	UG/KG	trans-1,2-Dichloroethene
13 U	UG/KG	Methyl T-Butyl Ether (MTBE)
13 U	UG/KG	1,1-Dichloroethane
13 U	UG/KG	cis-1,2-Dichloroethene
13 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
13 U	UG/KG	Chloroform
13 U	UG/KG	1,1,1-Trichloroethane
13 U	UG/KG	Cyclohexane
13 U	UG/KG	Carbon Tetrachloride
13 U	UG/KG	Benzene
13 U	UG/KG	1,2-Dichloroethane
13 U	UG/KG	Trichloroethene (Trichloroethylene)
13 U	UG/KG	Methylcyclohexane
13 U	UG/KG	1,2-Dichloropropane
13 U	UG/KG	Bromodichloromethane
13 U	UG/KG	cis-1,3-Dichloropropene
13 U	UG/KG	Methyl Isobutyl Ketone
13 U	UG/KG	Toluene
13 U	UG/KG	trans-1,3-Dichloropropene
13 U	UG/KG	1,1,2-Trichloroethane
13 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
13 U	UG/KG	Methyl Butyl Ketone
13 U	UG/KG	Dibromochloromethane
13 U	UG/KG	1,2-Dibromoethane (EDB)
13 U	UG/KG	Chlorobenzene
13 U	UG/KG	Ethyl Benzene
13 U	UG/KG	Total Xylenes
13 U	UG/KG	Styrene
13 U	UG/KG	Bromoform
13 U	UG/KG	Isopropylbenzene
13 U	UG/KG	1,1,2,2-Tetrachloroethane
13 U	UG/KG	1,3-Dichlorobenzene
13 U	UG/KG	1,4-Dichlorobenzene
13 U	UG/KG	1,2-Dichlorobenzene
13 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
13 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
25	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9527** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: CFMSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AK5
D No: 3AK5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 13:45
Ending:

RESULTS	UNITS	ANALYTE
21 J	UG/KG	1 UNKNOWN

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9528** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AF9
D No: 3AF9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
96 U	UG/KG	Dichlorodifluoromethane
96 U	UG/KG	Chloromethane
96 U	UG/KG	Vinyl Chloride
96 U	UG/KG	Bromomethane
96 UJ	UG/KG	Chloroethane
96 U	UG/KG	Trichlorofluoromethane (Freon 11)
96 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
96 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
96 U	UG/KG	Acetone
96 U	UG/KG	Carbon Disulfide
96 U	UG/KG	Methyl Acetate
96 U	UG/KG	Methylene Chloride
96 U	UG/KG	trans-1,2-Dichloroethene
96 U	UG/KG	Methyl T-Butyl Ether (MTBE)
96 U	UG/KG	1,1-Dichloroethane
96 U	UG/KG	cis-1,2-Dichloroethene
96 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
96 U	UG/KG	Chloroform
96 U	UG/KG	1,1,1-Trichloroethane
96 U	UG/KG	Cyclohexane
96 U	UG/KG	Carbon Tetrachloride
96 U	UG/KG	Benzene
96 U	UG/KG	1,2-Dichloroethane
96 U	UG/KG	Trichloroethene (Trichloroethylene)
96 U	UG/KG	Methylcyclohexane
96 U	UG/KG	1,2-Dichloropropane
96 U	UG/KG	Bromodichloromethane
96 U	UG/KG	cis-1,3-Dichloropropene
96 U	UG/KG	Methyl Isobutyl Ketone
96 U	UG/KG	Toluene
96 U	UG/KG	trans-1,3-Dichloropropene
96 U	UG/KG	1,1,2-Trichloroethane
96 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
96 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
96 U	UG/KG	Dibromochloromethane
96 U	UG/KG	1,2-Dibromoethane (EDB)
96 U	UG/KG	Chlorobenzene
96 U	UG/KG	Ethyl Benzene
96 U	UG/KG	Total Xylenes
96 U	UG/KG	Styrene
96 U	UG/KG	Bromoform
96 U	UG/KG	Isopropylbenzene
96 U	UG/KG	1,1,2,2-Tetrachloroethane
96 U	UG/KG	1,3-Dichlorobenzene
96 U	UG/KG	1,4-Dichlorobenzene
96 U	UG/KG	1,2-Dichlorobenzene
96 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
96 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
78	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9529** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG0
D No: 3AG0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
110 U	UG/KG	Dichlorodifluoromethane
110 U	UG/KG	Chloromethane
110 U	UG/KG	Vinyl Chloride
110 U	UG/KG	Bromomethane
110 UJ	UG/KG	Chloroethane
110 U	UG/KG	Trichlorofluoromethane (Freon 11)
110 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
110 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
140	UG/KG	Acetone
110 U	UG/KG	Carbon Disulfide
110 U	UG/KG	Methyl Acetate
110 U	UG/KG	Methylene Chloride
110 U	UG/KG	trans-1,2-Dichloroethene
110 U	UG/KG	Methyl T-Butyl Ether (MTBE)
110 U	UG/KG	1,1-Dichloroethane
110 U	UG/KG	cis-1,2-Dichloroethene
110 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
110 U	UG/KG	Chloroform
110 U	UG/KG	1,1,1-Trichloroethane
110 U	UG/KG	Cyclohexane
110 U	UG/KG	Carbon Tetrachloride
110 U	UG/KG	Benzene
110 U	UG/KG	1,2-Dichloroethane
110 U	UG/KG	Trichloroethene (Trichloroethylene)
110 U	UG/KG	Methylcyclohexane
110 U	UG/KG	1,2-Dichloropropane
110 U	UG/KG	Bromodichloromethane
110 U	UG/KG	cis-1,3-Dichloropropene
110 U	UG/KG	Methyl Isobutyl Ketone
110 U	UG/KG	Toluene
110 U	UG/KG	trans-1,3-Dichloropropene
110 U	UG/KG	1,1,2-Trichloroethane
110 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
110 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
110 U	UG/KG	Dibromochloromethane
110 U	UG/KG	1,2-Dibromoethane (EDB)
110 U	UG/KG	Chlorobenzene
110 U	UG/KG	Ethyl Benzene
110 U	UG/KG	Total Xylenes
110 U	UG/KG	Styrene
110 U	UG/KG	Bromoform
110 U	UG/KG	Isopropylbenzene
110 U	UG/KG	1,1,2,2-Tetrachloroethane
110 U	UG/KG	1,3-Dichlorobenzene
110 U	UG/KG	1,4-Dichlorobenzene
110 U	UG/KG	1,2-Dichlorobenzene
110 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
110 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
80	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9530** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG1
D No: 3AG1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
32 U	UG/KG	Dichlorodifluoromethane
32 U	UG/KG	Chloromethane
32 U	UG/KG	Vinyl Chloride
32 U	UG/KG	Bromomethane
32 UJ	UG/KG	Chloroethane
32 U	UG/KG	Trichlorofluoromethane (Freon 11)
32 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
32 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
32 U	UG/KG	Acetone
32 U	UG/KG	Carbon Disulfide
32 U	UG/KG	Methyl Acetate
32 U	UG/KG	Methylene Chloride
32 U	UG/KG	trans-1,2-Dichloroethene
32 U	UG/KG	Methyl T-Butyl Ether (MTBE)
32 U	UG/KG	1,1-Dichloroethane
32 U	UG/KG	cis-1,2-Dichloroethene
32 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
32 U	UG/KG	Chloroform
32 U	UG/KG	1,1,1-Trichloroethane
32 U	UG/KG	Cyclohexane
32 U	UG/KG	Carbon Tetrachloride
32 U	UG/KG	Benzene
32 U	UG/KG	1,2-Dichloroethane
32 U	UG/KG	Trichloroethene (Trichloroethylene)
32 U	UG/KG	Methylcyclohexane
32 U	UG/KG	1,2-Dichloropropane
32 U	UG/KG	Bromodichloromethane
32 U	UG/KG	cis-1,3-Dichloropropene
32 U	UG/KG	Methyl Isobutyl Ketone
32 U	UG/KG	Toluene
32 U	UG/KG	trans-1,3-Dichloropropene
32 U	UG/KG	1,1,2-Trichloroethane
32 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
32 U	UG/KG	Methyl Butyl Ketone
32 U	UG/KG	Dibromochloromethane
32 U	UG/KG	1,2-Dibromoethane (EDB)
32 U	UG/KG	Chlorobenzene
32 U	UG/KG	Ethyl Benzene
32 U	UG/KG	Total Xylenes
32 U	UG/KG	Styrene
32 U	UG/KG	Bromoform
32 U	UG/KG	Isopropylbenzene
32 U	UG/KG	1,1,2,2-Tetrachloroethane
32 U	UG/KG	1,3-Dichlorobenzene
32 U	UG/KG	1,4-Dichlorobenzene
32 U	UG/KG	1,2-Dichlorobenzene
32 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
32 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
58	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9531** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG2
D No: 3AG2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 U	UG/KG	Bromomethane
11 UJ	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 U	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 U	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9532** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG3
D No: 3AG3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 U	UG/KG	Bromomethane
10 UJ	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 UJ	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 UJ	UG/KG	Methyl Acetate
10 U	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9533** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG4
D No: 3AG4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 U	UG/KG	Bromomethane
10 UJ	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 UJ	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 UJ	UG/KG	Methyl Acetate
10 U	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9534** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POSF05S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AG5
D No: 3AG5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 12:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 U	UG/KG	Bromomethane
10 UJ	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 UJ	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 UJ	UG/KG	Methyl Acetate
10 U	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
13	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9535** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG7
D No: 3AG7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 UJ	UG/KG	Bromomethane
10 U	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 UJ	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 U	UG/KG	Methyl Acetate
10 UJ	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9536** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD02D /
Media: SEDIMENT

Case No: 34717
MD No: 3AG8
D No: 3AG8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 UJ	UG/KG	Bromomethane
11 U	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 UJ	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 UJ	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9537** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AG9
D No: 3AG9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dichlorodifluoromethane
10 U	UG/KG	Chloromethane
10 U	UG/KG	Vinyl Chloride
10 UJ	UG/KG	Bromomethane
10 U	UG/KG	Chloroethane
10 U	UG/KG	Trichlorofluoromethane (Freon 11)
10 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 UJ	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 U	UG/KG	Methyl Acetate
10 UJ	UG/KG	Methylene Chloride
10 U	UG/KG	trans-1,2-Dichloroethene
10 U	UG/KG	Methyl T-Butyl Ether (MTBE)
10 U	UG/KG	1,1-Dichloroethane
10 U	UG/KG	cis-1,2-Dichloroethene
10 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
10 U	UG/KG	Chloroform
10 U	UG/KG	1,1,1-Trichloroethane
10 U	UG/KG	Cyclohexane
10 U	UG/KG	Carbon Tetrachloride
10 U	UG/KG	Benzene
10 U	UG/KG	1,2-Dichloroethane
10 U	UG/KG	Trichloroethene (Trichloroethylene)
10 U	UG/KG	Methylcyclohexane
10 U	UG/KG	1,2-Dichloropropane
10 U	UG/KG	Bromodichloromethane
10 U	UG/KG	cis-1,3-Dichloropropene
10 U	UG/KG	Methyl Isobutyl Ketone
10 U	UG/KG	Toluene
10 U	UG/KG	trans-1,3-Dichloropropene
10 U	UG/KG	1,1,2-Trichloroethane
10 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Dibromochloromethane
10 U	UG/KG	1,2-Dibromoethane (EDB)
10 U	UG/KG	Chlorobenzene
10 U	UG/KG	Ethyl Benzene
10 U	UG/KG	Total Xylenes
10 U	UG/KG	Styrene
10 U	UG/KG	Bromoform
10 U	UG/KG	Isopropylbenzene
10 U	UG/KG	1,1,2,2-Tetrachloroethane
10 U	UG/KG	1,3-Dichlorobenzene
10 U	UG/KG	1,4-Dichlorobenzene
10 U	UG/KG	1,2-Dichlorobenzene
10 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9538** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: OPSD03 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH0
D No: 3AH0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 UJ	UG/KG	Bromomethane
11 U	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 UJ	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 UJ	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9539** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH1
D No: 3AH1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
18 U	UG/KG	Dichlorodifluoromethane
18 U	UG/KG	Chloromethane
18 U	UG/KG	Vinyl Chloride
18 UJ	UG/KG	Bromomethane
18 U	UG/KG	Chloroethane
18 U	UG/KG	Trichlorofluoromethane (Freon 11)
18 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
18 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
18 UJ	UG/KG	Acetone
18 U	UG/KG	Carbon Disulfide
18 U	UG/KG	Methyl Acetate
18 UJ	UG/KG	Methylene Chloride
18 U	UG/KG	trans-1,2-Dichloroethene
18 U	UG/KG	Methyl T-Butyl Ether (MTBE)
18 U	UG/KG	1,1-Dichloroethane
18 U	UG/KG	cis-1,2-Dichloroethene
18 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
18 U	UG/KG	Chloroform
18 U	UG/KG	1,1,1-Trichloroethane
18 U	UG/KG	Cyclohexane
18 U	UG/KG	Carbon Tetrachloride
18 U	UG/KG	Benzene
18 U	UG/KG	1,2-Dichloroethane
18 U	UG/KG	Trichloroethene (Trichloroethylene)
18 U	UG/KG	Methylcyclohexane
18 U	UG/KG	1,2-Dichloropropane
18 U	UG/KG	Bromodichloromethane
18 U	UG/KG	cis-1,3-Dichloropropene
18 U	UG/KG	Methyl Isobutyl Ketone
18 U	UG/KG	Toluene
18 U	UG/KG	trans-1,3-Dichloropropene
18 U	UG/KG	1,1,2-Trichloroethane
18 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
18 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
18 U	UG/KG	Dibromochloromethane
18 U	UG/KG	1,2-Dibromoethane (EDB)
18 U	UG/KG	Chlorobenzene
18 U	UG/KG	Ethyl Benzene
18 U	UG/KG	Total Xylenes
18 U	UG/KG	Styrene
18 U	UG/KG	Bromoform
18 U	UG/KG	Isopropylbenzene
18 U	UG/KG	1,1,2,2-Tetrachloroethane
18 U	UG/KG	1,3-Dichlorobenzene
18 U	UG/KG	1,4-Dichlorobenzene
18 U	UG/KG	1,2-Dichlorobenzene
18 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
18 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9540** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF01S /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH2
D No: 3AH2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 09:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
15 U	UG/KG	Dichlorodifluoromethane
15 U	UG/KG	Chloromethane
15 U	UG/KG	Vinyl Chloride
15 UJ	UG/KG	Bromomethane
15 U	UG/KG	Chloroethane
15 U	UG/KG	Trichlorofluoromethane (Freon 11)
15 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
15 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
15 UJ	UG/KG	Acetone
15 U	UG/KG	Carbon Disulfide
15 U	UG/KG	Methyl Acetate
15 UJ	UG/KG	Methylene Chloride
15 U	UG/KG	trans-1,2-Dichloroethene
15 U	UG/KG	Methyl T-Butyl Ether (MTBE)
15 U	UG/KG	1,1-Dichloroethane
15 U	UG/KG	cis-1,2-Dichloroethene
15 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
15 U	UG/KG	Chloroform
15 U	UG/KG	1,1,1-Trichloroethane
15 U	UG/KG	Cyclohexane
15 U	UG/KG	Carbon Tetrachloride
15 U	UG/KG	Benzene
15 U	UG/KG	1,2-Dichloroethane
15 U	UG/KG	Trichloroethene (Trichloroethylene)
15 U	UG/KG	Methylcyclohexane
15 U	UG/KG	1,2-Dichloropropane
15 U	UG/KG	Bromodichloromethane
15 U	UG/KG	cis-1,3-Dichloropropene
15 U	UG/KG	Methyl Isobutyl Ketone
15 U	UG/KG	Toluene
15 U	UG/KG	trans-1,3-Dichloropropene
15 U	UG/KG	1,1,2-Trichloroethane
15 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
15 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
15 U	UG/KG	Dibromochloromethane
15 U	UG/KG	1,2-Dibromoethane (EDB)
15 U	UG/KG	Chlorobenzene
15 U	UG/KG	Ethyl Benzene
15 U	UG/KG	Total Xylenes
15 U	UG/KG	Styrene
15 U	UG/KG	Bromoform
15 U	UG/KG	Isopropylbenzene
15 U	UG/KG	1,1,2,2-Tetrachloroethane
15 U	UG/KG	1,3-Dichlorobenzene
15 U	UG/KG	1,4-Dichlorobenzene
15 U	UG/KG	1,2-Dichlorobenzene
15 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
15 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
36	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9541** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF02 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH3
D No: 3AH3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 UJ	UG/KG	Bromomethane
11 U	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 UJ	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 UJ	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
9	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9542** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 UJ	UG/KG	Bromomethane
11 U	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11 UJ	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 UJ	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9542** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AH4
D No: 3AH4

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:50
Ending:

RESULTS	UNITS	ANALYTE
41 J	UG/KG	UNKNOWN
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9543** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH5
D No: 3AH5

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
22 U	UG/KG	Dichlorodifluoromethane
22 U	UG/KG	Chloromethane
22 U	UG/KG	Vinyl Chloride
22 UJ	UG/KG	Bromomethane
22 U	UG/KG	Chloroethane
22 U	UG/KG	Trichlorofluoromethane (Freon 11)
22 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
22 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
22 UJ	UG/KG	Acetone
22 U	UG/KG	Carbon Disulfide
22 U	UG/KG	Methyl Acetate
22 UJ	UG/KG	Methylene Chloride
22 U	UG/KG	trans-1,2-Dichloroethene
22 U	UG/KG	Methyl T-Butyl Ether (MTBE)
22 U	UG/KG	1,1-Dichloroethane
22 U	UG/KG	cis-1,2-Dichloroethene
22 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
22 U	UG/KG	Chloroform
22 U	UG/KG	1,1,1-Trichloroethane
22 U	UG/KG	Cyclohexane
22 U	UG/KG	Carbon Tetrachloride
22 U	UG/KG	Benzene
22 U	UG/KG	1,2-Dichloroethane
22 U	UG/KG	Trichloroethene (Trichloroethylene)
22 U	UG/KG	Methylcyclohexane
22 U	UG/KG	1,2-Dichloropropane
22 U	UG/KG	Bromodichloromethane
22 U	UG/KG	cis-1,3-Dichloropropene
22 U	UG/KG	Methyl Isobutyl Ketone
22 U	UG/KG	Toluene
22 U	UG/KG	trans-1,3-Dichloropropene
22 U	UG/KG	1,1,2-Trichloroethane
22 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
22 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
22 U	UG/KG	Dibromochloromethane
22 U	UG/KG	1,2-Dibromoethane (EDB)
22 U	UG/KG	Chlorobenzene
22 U	UG/KG	Ethyl Benzene
22 U	UG/KG	Total Xylenes
22 U	UG/KG	Styrene
22 U	UG/KG	Bromoform
22 U	UG/KG	Isopropylbenzene
22 U	UG/KG	1,1,2,2-Tetrachloroethane
22 U	UG/KG	1,3-Dichlorobenzene
22 U	UG/KG	1,4-Dichlorobenzene
22 U	UG/KG	1,2-Dichlorobenzene
22 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
22 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
45	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9544** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD04D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH6
D No: 3AH6

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
16 U	UG/KG	Dichlorodifluoromethane
16 U	UG/KG	Chloromethane
16 U	UG/KG	Vinyl Chloride
16 UJ	UG/KG	Bromomethane
16 U	UG/KG	Chloroethane
16 U	UG/KG	Trichlorofluoromethane (Freon 11)
16 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
16 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
16 UJ	UG/KG	Acetone
16 U	UG/KG	Carbon Disulfide
16 U	UG/KG	Methyl Acetate
16 UJ	UG/KG	Methylene Chloride
16 U	UG/KG	trans-1,2-Dichloroethene
16 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	1,1-Dichloroethane
16 U	UG/KG	cis-1,2-Dichloroethene
16 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
16 U	UG/KG	Chloroform
16 U	UG/KG	1,1,1-Trichloroethane
16 U	UG/KG	Cyclohexane
16 U	UG/KG	Carbon Tetrachloride
16 U	UG/KG	Benzene
16 U	UG/KG	1,2-Dichloroethane
16 U	UG/KG	Trichloroethene (Trichloroethylene)
16 U	UG/KG	Methylcyclohexane
16 U	UG/KG	1,2-Dichloropropane
16 U	UG/KG	Bromodichloromethane
16 U	UG/KG	cis-1,3-Dichloropropene
16 U	UG/KG	Methyl Isobutyl Ketone
16 U	UG/KG	Toluene
16 U	UG/KG	trans-1,3-Dichloropropene
16 U	UG/KG	1,1,2-Trichloroethane
16 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
16 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
16 U	UG/KG	Dibromochloromethane
16 U	UG/KG	1,2-Dibromoethane (EDB)
16 U	UG/KG	Chlorobenzene
16 U	UG/KG	Ethyl Benzene
16 U	UG/KG	Total Xylenes
16 U	UG/KG	Styrene
16 U	UG/KG	Bromoform
16 U	UG/KG	Isopropylbenzene
16 U	UG/KG	1,1,2,2-Tetrachloroethane
16 U	UG/KG	1,3-Dichlorobenzene
16 U	UG/KG	1,4-Dichlorobenzene
16 U	UG/KG	1,2-Dichlorobenzene
16 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
16 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
32	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9545** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: ERSD05 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH7
D No: 3AH7

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
21 U	UG/KG	Dichlorodifluoromethane
21 U	UG/KG	Chloromethane
21 U	UG/KG	Vinyl Chloride
21 UJ	UG/KG	Bromomethane
21 U	UG/KG	Chloroethane
21 U	UG/KG	Trichlorofluoromethane (Freon 11)
21 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
21 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
21 UJ	UG/KG	Acetone
21 U	UG/KG	Carbon Disulfide
21 U	UG/KG	Methyl Acetate
21 UJ	UG/KG	Methylene Chloride
21 U	UG/KG	trans-1,2-Dichloroethene
21 U	UG/KG	Methyl T-Butyl Ether (MTBE)
21 U	UG/KG	1,1-Dichloroethane
21 U	UG/KG	cis-1,2-Dichloroethene
21 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
21 U	UG/KG	Chloroform
21 U	UG/KG	1,1,1-Trichloroethane
21 U	UG/KG	Cyclohexane
21 U	UG/KG	Carbon Tetrachloride
21 U	UG/KG	Benzene
21 U	UG/KG	1,2-Dichloroethane
21 U	UG/KG	Trichloroethene (Trichloroethylene)
21 U	UG/KG	Methylcyclohexane
21 U	UG/KG	1,2-Dichloropropane
21 U	UG/KG	Bromodichloromethane
21 U	UG/KG	cis-1,3-Dichloropropene
21 U	UG/KG	Methyl Isobutyl Ketone
21 U	UG/KG	Toluene
21 U	UG/KG	trans-1,3-Dichloropropene
21 U	UG/KG	1,1,2-Trichloroethane
21 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
21 U	UG/KG	Methyl Butyl Ketone
21 U	UG/KG	Dibromochloromethane
21 U	UG/KG	1,2-Dibromoethane (EDB)
21 U	UG/KG	Chlorobenzene
21 U	UG/KG	Ethyl Benzene
21 U	UG/KG	Total Xylenes
21 U	UG/KG	Styrene
21 U	UG/KG	Bromoform
21 U	UG/KG	Isopropylbenzene
21 U	UG/KG	1,1,2,2-Tetrachloroethane
21 U	UG/KG	1,3-Dichlorobenzene
21 U	UG/KG	1,4-Dichlorobenzene
21 U	UG/KG	1,2-Dichlorobenzene
21 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
21 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
51	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9546** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01 /
Media: SEDIMENT

Case No: 34717
MD No: 3AH8
D No: 3AH8

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
34 U	UG/KG	Dichlorodifluoromethane
34 U	UG/KG	Chloromethane
34 U	UG/KG	Vinyl Chloride
34 UJ	UG/KG	Bromomethane
34 U	UG/KG	Chloroethane
34 U	UG/KG	Trichlorofluoromethane (Freon 11)
34 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
34 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
34 UJ	UG/KG	Acetone
34 U	UG/KG	Carbon Disulfide
34 U	UG/KG	Methyl Acetate
34 UJ	UG/KG	Methylene Chloride
34 U	UG/KG	trans-1,2-Dichloroethene
34 U	UG/KG	Methyl T-Butyl Ether (MTBE)
34 U	UG/KG	1,1-Dichloroethane
34 U	UG/KG	cis-1,2-Dichloroethene
34 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
34 U	UG/KG	Chloroform
34 U	UG/KG	1,1,1-Trichloroethane
34 U	UG/KG	Cyclohexane
34 U	UG/KG	Carbon Tetrachloride
34 U	UG/KG	Benzene
34 U	UG/KG	1,2-Dichloroethane
34 U	UG/KG	Trichloroethene (Trichloroethylene)
34 U	UG/KG	Methylcyclohexane
34 U	UG/KG	1,2-Dichloropropane
34 U	UG/KG	Bromodichloromethane
34 U	UG/KG	cis-1,3-Dichloropropene
34 U	UG/KG	Methyl Isobutyl Ketone
34 U	UG/KG	Toluene
34 U	UG/KG	trans-1,3-Dichloropropene
34 U	UG/KG	1,1,2-Trichloroethane
34 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
34 U	UG/KG	Methyl Butyl Ketone
34 U	UG/KG	Dibromochloromethane
34 U	UG/KG	1,2-Dibromoethane (EDB)
34 U	UG/KG	Chlorobenzene
34 U	UG/KG	Ethyl Benzene
34 U	UG/KG	Total Xylenes
34 U	UG/KG	Styrene
34 U	UG/KG	Bromoform
34 U	UG/KG	Isopropylbenzene
34 U	UG/KG	1,1,2,2-Tetrachloroethane
34 U	UG/KG	1,3-Dichlorobenzene
34 U	UG/KG	1,4-Dichlorobenzene
34 U	UG/KG	1,2-Dichlorobenzene
34 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
34 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
56	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9547** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
38 U	UG/KG	Dichlorodifluoromethane
38 UJ	UG/KG	Chloromethane
38 U	UG/KG	Vinyl Chloride
38 U	UG/KG	Bromomethane
38 UJ	UG/KG	Chloroethane
38 U	UG/KG	Trichlorofluoromethane (Freon 11)
38 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
38 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
50 J	UG/KG	Acetone
38 U	UG/KG	Carbon Disulfide
38 U	UG/KG	Methyl Acetate
38 U	UG/KG	Methylene Chloride
38 U	UG/KG	trans-1,2-Dichloroethene
38 U	UG/KG	Methyl T-Butyl Ether (MTBE)
38 U	UG/KG	1,1-Dichloroethane
38 U	UG/KG	cis-1,2-Dichloroethene
38 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
38 U	UG/KG	Chloroform
38 U	UG/KG	1,1,1-Trichloroethane
38 U	UG/KG	Cyclohexane
38 U	UG/KG	Carbon Tetrachloride
38 U	UG/KG	Benzene
38 U	UG/KG	1,2-Dichloroethane
38 U	UG/KG	Trichloroethene (Trichloroethylene)
38 U	UG/KG	Methylcyclohexane
38 U	UG/KG	1,2-Dichloropropane
38 U	UG/KG	Bromodichloromethane
38 U	UG/KG	cis-1,3-Dichloropropene
38 U	UG/KG	Methyl Isobutyl Ketone
38 U	UG/KG	Toluene
38 U	UG/KG	trans-1,3-Dichloropropene
38 U	UG/KG	1,1,2-Trichloroethane
38 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
38 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
38 U	UG/KG	Dibromochloromethane
38 U	UG/KG	1,2-Dibromoethane (EDB)
38 U	UG/KG	Chlorobenzene
38 U	UG/KG	Ethyl Benzene
38 U	UG/KG	Total Xylenes
38 U	UG/KG	Styrene
38 U	UG/KG	Bromoform
38 U	UG/KG	Isopropylbenzene
38 U	UG/KG	1,1,2,2-Tetrachloroethane
38 U	UG/KG	1,3-Dichlorobenzene
38 U	UG/KG	1,4-Dichlorobenzene
38 U	UG/KG	1,2-Dichlorobenzene
38 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
38 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
55	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9547** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD01D /
Media: SEDIMENT

Case No: 34717
MD No: 3AH9
D No: 3AH9

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 11:05
Ending:

RESULTS	UNITS	ANALYTE
36 NJ	UG/KG	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9548** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
66 UJ	UG/KG	Dichlorodifluoromethane
66 UJ	UG/KG	Chloromethane
66 UJ	UG/KG	Vinyl Chloride
66 UJ	UG/KG	Bromomethane
66 UJ	UG/KG	Chloroethane
66 UJ	UG/KG	Trichlorofluoromethane (Freon 11)
66 UJ	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
66 UJ	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
68 J	UG/KG	Acetone
66 UJ	UG/KG	Carbon Disulfide
66 UJ	UG/KG	Methyl Acetate
66 UJ	UG/KG	Methylene Chloride
66 UJ	UG/KG	trans-1,2-Dichloroethene
66 UJ	UG/KG	Methyl T-Butyl Ether (MTBE)
66 UJ	UG/KG	1,1-Dichloroethane
66 UJ	UG/KG	cis-1,2-Dichloroethene
66 UJ	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
66 UJ	UG/KG	Chloroform
66 U	UG/KG	1,1,1-Trichloroethane
66 U	UG/KG	Cyclohexane
66 U	UG/KG	Carbon Tetrachloride
24 J	UG/KG	Benzene
66 UJ	UG/KG	1,2-Dichloroethane
66 U	UG/KG	Trichloroethene (Trichloroethylene)
140 J	UG/KG	Methylcyclohexane
66 UJ	UG/KG	1,2-Dichloropropane
66 UJ	UG/KG	Bromodichloromethane
66 UJ	UG/KG	cis-1,3-Dichloropropene
66 U	UG/KG	Methyl Isobutyl Ketone
23 J	UG/KG	Toluene
66 U	UG/KG	trans-1,3-Dichloropropene
66 U	UG/KG	1,1,2-Trichloroethane
66 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
66 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
66 U	UG/KG	Dibromochloromethane
66 U	UG/KG	1,2-Dibromoethane (EDB)
66 U	UG/KG	Chlorobenzene
230 J	UG/KG	Ethyl Benzene
760 J	UG/KG	Total Xylenes
66 U	UG/KG	Styrene
66 U	UG/KG	Bromoform
140 J	UG/KG	Isopropylbenzene
66 U	UG/KG	1,1,2,2-Tetrachloroethane
66 U	UG/KG	1,3-Dichlorobenzene
66 U	UG/KG	1,4-Dichlorobenzene
66 U	UG/KG	1,2-Dichlorobenzene
66 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
66 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
24	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9548** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSD02 /
Media: SEDIMENT

Case No: 34717
MD No: 3AJ0
D No: 3AJ0

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:00
Ending:

RESULTS	UNITS	ANALYTE
22000 NJ	UG/KG	6 SUBSTITUTED BENZENES
37000 J	UG/KG	12 UNKNOWNS
3300 NJ	UG/KG	BENZENE, 1-ETHYL-2,3-DIMETHYL
3200 NJ	UG/KG	BENZENE, 1-METHYL-2-(1-METHYLETHYL)-
2700 NJ	UG/KG	BENZENE, 1,4-DIETHYL-
2000 NJ	UG/KG	1H-INDENE, 2,3-DIHYDRO-4,7-DIMETHYL-
2900 NJ	UG/KG	BENZENE, 1-ETHYL-2,4,5-TRIMETHYL-
4900 NJ	UG/KG	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-
2200 NJ	UG/KG	1H-INDENE, 2,3-DIHYDRO-1,1-DIMETHYL-
2000 NJ	UG/KG	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-
2100 NJ	UG/KG	1H-INDENE, 2,3-DIHYDRO-1,1,5-TRIMETHYL-
4000 NJ	UG/KG	BENZOCYCLOHEPTATRIENE
3200 NJ	UG/KG	NAPHTHALENE, 1-METHYL-
2000 NJ	UG/KG	BENZENE, 1,3,5-TRIMETHYL-2-(1-METHYLETHYL)-
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9549** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF05 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ1
D No: 3AJ1

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:20
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dichlorodifluoromethane
12 UJ	UG/KG	Chloromethane
12 U	UG/KG	Vinyl Chloride
12 U	UG/KG	Bromomethane
12 UJ	UG/KG	Chloroethane
12 U	UG/KG	Trichlorofluoromethane (Freon 11)
12 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
12 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
95 J	UG/KG	Acetone
12 U	UG/KG	Carbon Disulfide
12 U	UG/KG	Methyl Acetate
12 U	UG/KG	Methylene Chloride
12 U	UG/KG	trans-1,2-Dichloroethene
12 U	UG/KG	Methyl T-Butyl Ether (MTBE)
12 U	UG/KG	1,1-Dichloroethane
12 U	UG/KG	cis-1,2-Dichloroethene
12 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
12 U	UG/KG	Chloroform
12 U	UG/KG	1,1,1-Trichloroethane
12 U	UG/KG	Cyclohexane
12 U	UG/KG	Carbon Tetrachloride
12 U	UG/KG	Benzene
12 U	UG/KG	1,2-Dichloroethane
12 U	UG/KG	Trichloroethene (Trichloroethylene)
12 U	UG/KG	Methylcyclohexane
12 U	UG/KG	1,2-Dichloropropane
12 U	UG/KG	Bromodichloromethane
12 U	UG/KG	cis-1,3-Dichloropropene
12 U	UG/KG	Methyl Isobutyl Ketone
12 U	UG/KG	Toluene
12 U	UG/KG	trans-1,3-Dichloropropene
12 U	UG/KG	1,1,2-Trichloroethane
12 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
12 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dibromochloromethane
12 U	UG/KG	1,2-Dibromoethane (EDB)
12 U	UG/KG	Chlorobenzene
12 U	UG/KG	Ethyl Benzene
12 U	UG/KG	Total Xylenes
12 U	UG/KG	Styrene
12 U	UG/KG	Bromoform
12 U	UG/KG	Isopropylbenzene
12 U	UG/KG	1,1,2,2-Tetrachloroethane
12 U	UG/KG	1,3-Dichlorobenzene
12 U	UG/KG	1,4-Dichlorobenzene
12 U	UG/KG	1,2-Dichlorobenzene
12 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
12 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
10	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9550** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF04 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ2
D No: 3AJ2

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 UJ	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 U	UG/KG	Bromomethane
11 UJ	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
53 J	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 U	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
12	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9551** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dichlorodifluoromethane
12 U	UG/KG	Chloromethane
12 U	UG/KG	Vinyl Chloride
12 UJ	UG/KG	Bromomethane
12 U	UG/KG	Chloroethane
12 U	UG/KG	Trichlorofluoromethane (Freon 11)
12 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
12 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
12 UJ	UG/KG	Acetone
12 U	UG/KG	Carbon Disulfide
12 U	UG/KG	Methyl Acetate
12 UJ	UG/KG	Methylene Chloride
12 U	UG/KG	trans-1,2-Dichloroethene
12 U	UG/KG	Methyl T-Butyl Ether (MTBE)
12 U	UG/KG	1,1-Dichloroethane
12 U	UG/KG	cis-1,2-Dichloroethene
12 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
12 U	UG/KG	Chloroform
12 U	UG/KG	1,1,1-Trichloroethane
12 U	UG/KG	Cyclohexane
12 U	UG/KG	Carbon Tetrachloride
12 U	UG/KG	Benzene
12 U	UG/KG	1,2-Dichloroethane
12 U	UG/KG	Trichloroethene (Trichloroethylene)
12 U	UG/KG	Methylcyclohexane
12 U	UG/KG	1,2-Dichloropropane
12 U	UG/KG	Bromodichloromethane
12 U	UG/KG	cis-1,3-Dichloropropene
12 U	UG/KG	Methyl Isobutyl Ketone
12 U	UG/KG	Toluene
12 U	UG/KG	trans-1,3-Dichloropropene
12 U	UG/KG	1,1,2-Trichloroethane
12 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
12 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dibromochloromethane
12 U	UG/KG	1,2-Dibromoethane (EDB)
12 U	UG/KG	Chlorobenzene
12 U	UG/KG	Ethyl Benzene
12 U	UG/KG	Total Xylenes
12 U	UG/KG	Styrene
12 U	UG/KG	Bromoform
12 U	UG/KG	Isopropylbenzene
12 U	UG/KG	1,1,2,2-Tetrachloroethane
12 U	UG/KG	1,3-Dichlorobenzene
12 U	UG/KG	1,4-Dichlorobenzene
12 U	UG/KG	1,2-Dichlorobenzene
12 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
12 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9551** FY **2005** Project: **05-0928**

MISCELLANEOUS COMPOUNDS

Facility: Hurricane Katrina Response
Program: SF
Id/Station: DUSF03 /
Media: SURFACE SOIL

Case No: 34717
MD No: 3AJ3
D No: 3AJ3

Inorg Contractor: LIBRTY
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 14:05
Ending:

RESULTS	UNITS	ANALYTE
6 J	UG/KG	UNKNOWN
N	UG/KG	PETROLEUM PRODUCT

Data Reported as Identified by CLP Lab - IDs Not Verified

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9552** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: TB903 /
Media: TRIP BLANK - SOIL

Case No: 34717
D No: 3AK3
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 14:26
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dichlorodifluoromethane
12 U	UG/KG	Chloromethane
12 U	UG/KG	Vinyl Chloride
12 U	UG/KG	Bromomethane
12 UJ	UG/KG	Chloroethane
12 U	UG/KG	Trichlorofluoromethane (Freon 11)
12 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
12 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
17	UG/KG	Acetone
12 U	UG/KG	Carbon Disulfide
12 U	UG/KG	Methyl Acetate
12 U	UG/KG	Methylene Chloride
12 U	UG/KG	trans-1,2-Dichloroethene
12 U	UG/KG	Methyl T-Butyl Ether (MTBE)
12 U	UG/KG	1,1-Dichloroethane
12 U	UG/KG	cis-1,2-Dichloroethene
12 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
12 U	UG/KG	Chloroform
12 U	UG/KG	1,1,1-Trichloroethane
12 U	UG/KG	Cyclohexane
12 U	UG/KG	Carbon Tetrachloride
12 U	UG/KG	Benzene
12 U	UG/KG	1,2-Dichloroethane
12 U	UG/KG	Trichloroethene (Trichloroethylene)
12 U	UG/KG	Methylcyclohexane
12 U	UG/KG	1,2-Dichloropropane
12 U	UG/KG	Bromodichloromethane
12 U	UG/KG	cis-1,3-Dichloropropene
12 U	UG/KG	Methyl Isobutyl Ketone
12 U	UG/KG	Toluene
12 U	UG/KG	trans-1,3-Dichloropropene
12 U	UG/KG	1,1,2-Trichloroethane
12 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
12 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
12 U	UG/KG	Dibromochloromethane
12 U	UG/KG	1,2-Dibromoethane (EDB)
12 U	UG/KG	Chlorobenzene
12 U	UG/KG	Ethyl Benzene
12 U	UG/KG	Total Xylenes
12 U	UG/KG	Styrene
12 U	UG/KG	Bromoform
12 U	UG/KG	Isopropylbenzene
12 U	UG/KG	1,1,2,2-Tetrachloroethane
12 U	UG/KG	1,3-Dichlorobenzene
12 U	UG/KG	1,4-Dichlorobenzene
12 U	UG/KG	1,2-Dichlorobenzene
12 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
12 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
0	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9553** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: TB904 /
Media: TRIP BLANK - SOIL

Case No: 34717
D No: 3AK4
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/06/2005 14:27
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
13 U	UG/KG	Dichlorodifluoromethane
13 U	UG/KG	Chloromethane
13 U	UG/KG	Vinyl Chloride
13 U	UG/KG	Bromomethane
13 UJ	UG/KG	Chloroethane
13 U	UG/KG	Trichlorofluoromethane (Freon 11)
13 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
13 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
14	UG/KG	Acetone
13 U	UG/KG	Carbon Disulfide
13 U	UG/KG	Methyl Acetate
13 U	UG/KG	Methylene Chloride
13 U	UG/KG	trans-1,2-Dichloroethene
13 U	UG/KG	Methyl T-Butyl Ether (MTBE)
13 U	UG/KG	1,1-Dichloroethane
13 U	UG/KG	cis-1,2-Dichloroethene
13 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
13 U	UG/KG	Chloroform
13 U	UG/KG	1,1,1-Trichloroethane
13 U	UG/KG	Cyclohexane
13 U	UG/KG	Carbon Tetrachloride
13 U	UG/KG	Benzene
13 U	UG/KG	1,2-Dichloroethane
13 U	UG/KG	Trichloroethene (Trichloroethylene)
13 U	UG/KG	Methylcyclohexane
13 U	UG/KG	1,2-Dichloropropane
13 U	UG/KG	Bromodichloromethane
13 U	UG/KG	cis-1,3-Dichloropropene
13 U	UG/KG	Methyl Isobutyl Ketone
13 U	UG/KG	Toluene
13 U	UG/KG	trans-1,3-Dichloropropene
13 U	UG/KG	1,1,2-Trichloroethane
13 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
13 U	UG/KG	Methyl Butyl Ketone
13 U	UG/KG	Dibromochloromethane
13 U	UG/KG	1,2-Dibromoethane (EDB)
13 U	UG/KG	Chlorobenzene
13 U	UG/KG	Ethyl Benzene
13 U	UG/KG	Total Xylenes
13 U	UG/KG	Styrene
13 U	UG/KG	Bromoform
13 U	UG/KG	Isopropylbenzene
13 U	UG/KG	1,1,2,2-Tetrachloroethane
13 U	UG/KG	1,3-Dichlorobenzene
13 U	UG/KG	1,4-Dichlorobenzene
13 U	UG/KG	1,2-Dichlorobenzene
13 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
13 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
0	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9554** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: POTB901 /
Media: TRIP BLANK - SOIL

Case No: 34717
D No: 3AF8
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/03/2005 15:21
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dichlorodifluoromethane
11 U	UG/KG	Chloromethane
11 U	UG/KG	Vinyl Chloride
11 U	UG/KG	Bromomethane
11 UJ	UG/KG	Chloroethane
11 U	UG/KG	Trichlorofluoromethane (Freon 11)
11 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
11 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
11	UG/KG	Acetone
11 U	UG/KG	Carbon Disulfide
11 U	UG/KG	Methyl Acetate
11 U	UG/KG	Methylene Chloride
11 U	UG/KG	trans-1,2-Dichloroethene
11 U	UG/KG	Methyl T-Butyl Ether (MTBE)
11 U	UG/KG	1,1-Dichloroethane
11 U	UG/KG	cis-1,2-Dichloroethene
11 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
11 U	UG/KG	Chloroform
11 U	UG/KG	1,1,1-Trichloroethane
11 U	UG/KG	Cyclohexane
11 U	UG/KG	Carbon Tetrachloride
11 U	UG/KG	Benzene
11 U	UG/KG	1,2-Dichloroethane
11 U	UG/KG	Trichloroethene (Trichloroethylene)
11 U	UG/KG	Methylcyclohexane
11 U	UG/KG	1,2-Dichloropropane
11 U	UG/KG	Bromodichloromethane
11 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Methyl Isobutyl Ketone
11 U	UG/KG	Toluene
11 U	UG/KG	trans-1,3-Dichloropropene
11 U	UG/KG	1,1,2-Trichloroethane
11 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
11 U	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Dibromochloromethane
11 U	UG/KG	1,2-Dibromoethane (EDB)
11 U	UG/KG	Chlorobenzene
11 U	UG/KG	Ethyl Benzene
11 U	UG/KG	Total Xylenes
11 U	UG/KG	Styrene
11 U	UG/KG	Bromoform
11 U	UG/KG	Isopropylbenzene
11 U	UG/KG	1,1,2,2-Tetrachloroethane
11 U	UG/KG	1,3-Dichlorobenzene
11 U	UG/KG	1,4-Dichlorobenzene
11 U	UG/KG	1,2-Dichlorobenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
11 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
0	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9555** FY **2005** Project: **05-0928**

Volatiles Scan

Facility: Hurricane Katrina Response
Program: SF
Id/Station: TB902 /
Media: TRIP BLANK - SOIL

Case No: 34717
D No: 3AG6
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor:
Project Leader: FSLOAN
Beginning: 10/04/2005 12:29
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
14 U	UG/KG	Dichlorodifluoromethane
14 U	UG/KG	Chloromethane
14 U	UG/KG	Vinyl Chloride
14 UJ	UG/KG	Bromomethane
14 U	UG/KG	Chloroethane
14 U	UG/KG	Trichlorofluoromethane (Freon 11)
14 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
14 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
14 UJ	UG/KG	Acetone
14 U	UG/KG	Carbon Disulfide
14 U	UG/KG	Methyl Acetate
14 UJ	UG/KG	Methylene Chloride
14 U	UG/KG	trans-1,2-Dichloroethene
14 U	UG/KG	Methyl T-Butyl Ether (MTBE)
14 U	UG/KG	1,1-Dichloroethane
14 U	UG/KG	cis-1,2-Dichloroethene
14 U	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
14 U	UG/KG	Chloroform
14 U	UG/KG	1,1,1-Trichloroethane
14 U	UG/KG	Cyclohexane
14 U	UG/KG	Carbon Tetrachloride
14 U	UG/KG	Benzene
14 U	UG/KG	1,2-Dichloroethane
14 U	UG/KG	Trichloroethene (Trichloroethylene)
14 U	UG/KG	Methylcyclohexane
14 U	UG/KG	1,2-Dichloropropane
14 U	UG/KG	Bromodichloromethane
14 U	UG/KG	cis-1,3-Dichloropropene
14 U	UG/KG	Methyl Isobutyl Ketone
14 U	UG/KG	Toluene
14 U	UG/KG	trans-1,3-Dichloropropene
14 U	UG/KG	1,1,2-Trichloroethane
14 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
14 U	UG/KG	Methyl Butyl Ketone
14 U	UG/KG	Dibromochloromethane
14 U	UG/KG	1,2-Dibromoethane (EDB)
14 U	UG/KG	Chlorobenzene
14 U	UG/KG	Ethyl Benzene
14 U	UG/KG	Total Xylenes
14 U	UG/KG	Styrene
14 U	UG/KG	Bromoform
14 U	UG/KG	Isopropylbenzene
14 U	UG/KG	1,1,2,2-Tetrachloroethane
14 U	UG/KG	1,3-Dichlorobenzene
14 U	UG/KG	1,4-Dichlorobenzene
14 U	UG/KG	1,2-Dichlorobenzene
14 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
14 U	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	1,2,3-Trichlorobenzene
0	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9397** FY **2005** Project: **05-0926**

Extractables Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Muse, Janet
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
900 U	UG/KG	bis(2-Chloroethyl) Ether
900 UJ	UG/KG	Benzaldehyde
900 U	UG/KG	Hexachloroethane
900 U	UG/KG	bis(2-Chloroisopropyl) Ether
900 U	UG/KG	n-Nitroso di-n-Propylamine
900 U	UG/KG	Acetophenone
900 U	UG/KG	Nitrobenzene
900 U	UG/KG	Hexachlorobutadiene
900 U	UG/KG	Caprolactam
900 U	UG/KG	2-Methylnaphthalene
900 U	UG/KG	1,2,4-Trichlorobenzene
900 U	UG/KG	Naphthalene
900 U	UG/KG	4-Chloroaniline
900 U	UG/KG	bis(2-Chloroethoxy)Methane
900 U	UG/KG	Isophorone
900 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
900 U	UG/KG	1,1-Biphenyl
900 U	UG/KG	2-Chloronaphthalene
900 U	UG/KG	2-Nitroaniline
900 U	UG/KG	Acenaphthylene
900 U	UG/KG	Acenaphthene
900 U	UG/KG	Dimethyl Phthalate
900 U	UG/KG	Dibenzofuran
900 U	UG/KG	2,4-Dinitrotoluene
900 U	UG/KG	2,6-Dinitrotoluene
900 U	UG/KG	3-Nitroaniline
900 U	UG/KG	4-Chlorophenyl Phenyl Ether
900 U	UG/KG	4-Nitroaniline
900 U	UG/KG	Fluorene
900 U	UG/KG	Diethyl Phthalate
900 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
900 U	UG/KG	Hexachlorobenzene (HCB)
900 U	UG/KG	Atrazine
900 U	UG/KG	4-Bromophenyl Phenyl Ether
900 U	UG/KG	Phenanthrene
900 U	UG/KG	Anthracene
900 U	UG/KG	Carbazole
900 U	UG/KG	Di-n-Butylphthalate
900 U	UG/KG	Fluoranthene
900 U	UG/KG	Pyrene
900 U	UG/KG	Benzyl Butyl Phthalate
900 U	UG/KG	bis(2-Ethylhexyl) Phthalate
900 U	UG/KG	Benzo(a)Anthracene
900 U	UG/KG	Chrysene
900 U	UG/KG	3,3'-Dichlorobenzidine
900 U	UG/KG	Di-n-Octylphthalate
900 U	UG/KG	Benzo(b)Fluoranthene
900 U	UG/KG	Benzo(k)Fluoranthene
900 U	UG/KG	Benzo-a-Pyrene
900 U	UG/KG	Indeno (1,2,3-cd) Pyrene
900 U	UG/KG	Dibenzo(a,h)Anthracene
900 U	UG/KG	Benzo(ghi)Perylene
900 U	UG/KG	2-Chlorophenol
900 U	UG/KG	2-Methylphenol
900 U	UG/KG	(3-and/or 4-)Methylphenol
900 U	UG/KG	2-Nitrophenol
900 U	UG/KG	Phenol
900 U	UG/KG	2,4-Dimethylphenol
900 U	UG/KG	2,4-Dichlorophenol
900 U	UG/KG	2,4,6-Trichlorophenol
900 U	UG/KG	2,4,5-Trichlorophenol
900 U	UG/KG	4-Chloro-3-Methylphenol
1800 UJ	UG/KG	2,4-Dinitrophenol
1800 U	UG/KG	2-Methyl-4,6-Dinitrophenol
1800 U	UG/KG	Pentachlorophenol
1800 U	UG/KG	4-Nitrophenol
900 U	UG/KG	2,3,4,6-Tetrachlorophenol
63.61	%	% Moisture

J- due to RSD >20% on ICAL for Benzaldehyde
J-qualified due to QC Limits Exceeded for 2,4-Dinitrophenol

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9400** FY **2005** Project: **05-0926**

Extractables Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Muse, Janet
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
460 U	UG/KG	bis(2-Chloroethyl) Ether
460 UJ	UG/KG	Benzaldehyde
460 U	UG/KG	Hexachloroethane
460 U	UG/KG	bis(2-Chloroisopropyl) Ether
460 U	UG/KG	n-Nitroso di-n-Propylamine
460 U	UG/KG	Acetophenone
460 U	UG/KG	Nitrobenzene
460 U	UG/KG	Hexachlorobutadiene
460 U	UG/KG	Caprolactam
460 U	UG/KG	2-Methylnaphthalene
460 U	UG/KG	1,2,4-Trichlorobenzene
460 U	UG/KG	Naphthalene
460 U	UG/KG	4-Chloroaniline
460 U	UG/KG	bis(2-Chloroethoxy)Methane
460 U	UG/KG	Isophorone
460 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
460 U	UG/KG	1,1-Biphenyl
460 U	UG/KG	2-Chloronaphthalene
460 U	UG/KG	2-Nitroaniline
460 U	UG/KG	Acenaphthylene
460 U	UG/KG	Acenaphthene
460 U	UG/KG	Dimethyl Phthalate
460 U	UG/KG	Dibenzofuran
460 U	UG/KG	2,4-Dinitrotoluene
460 U	UG/KG	2,6-Dinitrotoluene
460 U	UG/KG	3-Nitroaniline
460 U	UG/KG	4-Chlorophenyl Phenyl Ether
460 U	UG/KG	4-Nitroaniline
460 U	UG/KG	Fluorene
460 U	UG/KG	Diethyl Phthalate
460 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
460 U	UG/KG	Hexachlorobenzene (HCB)
460 U	UG/KG	Atrazine
460 U	UG/KG	4-Bromophenyl Phenyl Ether
460 U	UG/KG	Phenanthrene
460 U	UG/KG	Anthracene
460 U	UG/KG	Carbazole
460 U	UG/KG	Di-n-Butylphthalate
66 J	UG/KG	Fluoranthene
63 J	UG/KG	Pyrene
460 U	UG/KG	Benzyl Butyl Phthalate
460 U	UG/KG	bis(2-Ethylhexyl) Phthalate
460 U	UG/KG	Benzo(a)Anthracene
460 U	UG/KG	Chrysene
460 U	UG/KG	3,3'-Dichlorobenzidine
460 U	UG/KG	Di-n-Octylphthalate
460 U	UG/KG	Benzo(b)Fluoranthene
460 U	UG/KG	Benzo(k)Fluoranthene
460 U	UG/KG	Benzo-a-Pyrene
460 U	UG/KG	Indeno (1,2,3-cd) Pyrene
460 U	UG/KG	Dibenzo(a,h)Anthracene
460 U	UG/KG	Benzo(ghi)Perylene
460 U	UG/KG	2-Chlorophenol
460 U	UG/KG	2-Methylphenol
460 U	UG/KG	(3-and/or 4-)Methylphenol
460 U	UG/KG	2-Nitrophenol
460 U	UG/KG	Phenol
460 U	UG/KG	2,4-Dimethylphenol
460 U	UG/KG	2,4-Dichlorophenol
460 U	UG/KG	2,4,6-Trichlorophenol
460 U	UG/KG	2,4,5-Trichlorophenol
460 U	UG/KG	4-Chloro-3-Methylphenol
930 UJ	UG/KG	2,4-Dinitrophenol
930 U	UG/KG	2-Methyl-4,6-Dinitrophenol
930 U	UG/KG	Pentachlorophenol
930 U	UG/KG	4-Nitrophenol
460 U	UG/KG	2,3,4,6-Tetrachlorophenol
29.58	%	% Moisture

J- due to RSD >20% on ICAL for Benzaldehyde
J-qualified: value <MQL for Fluoranthene and Pyrene

J-qualified due to QC Limits Exceeded for 2,4-Dinitrophenol

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9401** FY **2005** Project: **05-0926**

Extractables Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4SD /
Media: SEDIMENT

Produced by: Muse, Janet
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
500 U	UG/KG	bis(2-Chloroethyl) Ether
500 UJ	UG/KG	Benzaldehyde
500 U	UG/KG	Hexachloroethane
500 U	UG/KG	bis(2-Chloroisopropyl) Ether
500 U	UG/KG	n-Nitroso di-n-Propylamine
500 U	UG/KG	Acetophenone
500 U	UG/KG	Nitrobenzene
500 U	UG/KG	Hexachlorobutadiene
500 U	UG/KG	Caprolactam
500 U	UG/KG	2-Methylnaphthalene
500 U	UG/KG	1,2,4-Trichlorobenzene
500 U	UG/KG	Naphthalene
500 U	UG/KG	4-Chloroaniline
500 U	UG/KG	bis(2-Chloroethoxy)Methane
500 U	UG/KG	Isophorone
500 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
500 U	UG/KG	1,1-Biphenyl
500 U	UG/KG	2-Chloronaphthalene
500 U	UG/KG	2-Nitroaniline
500 U	UG/KG	Acenaphthylene
500 U	UG/KG	Acenaphthene
500 U	UG/KG	Dimethyl Phthalate
500 U	UG/KG	Dibenzofuran
500 U	UG/KG	2,4-Dinitrotoluene
500 U	UG/KG	2,6-Dinitrotoluene
500 U	UG/KG	3-Nitroaniline
500 U	UG/KG	4-Chlorophenyl Phenyl Ether
500 U	UG/KG	4-Nitroaniline
500 U	UG/KG	Fluorene
500 U	UG/KG	Diethyl Phthalate
500 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
500 U	UG/KG	Hexachlorobenzene (HCB)
500 U	UG/KG	Atrazine
500 U	UG/KG	4-Bromophenyl Phenyl Ether
500 U	UG/KG	Phenanthrene
500 U	UG/KG	Anthracene
500 U	UG/KG	Carbazole
500 U	UG/KG	Di-n-Butylphthalate
500 U	UG/KG	Fluoranthene
500 U	UG/KG	Pyrene
500 U	UG/KG	Benzyl Butyl Phthalate
500 U	UG/KG	bis(2-Ethylhexyl) Phthalate
500 U	UG/KG	Benzo(a)Anthracene
500 U	UG/KG	Chrysene
500 U	UG/KG	3,3'-Dichlorobenzidine
500 U	UG/KG	Di-n-Octylphthalate
500 U	UG/KG	Benzo(b)Fluoranthene
500 U	UG/KG	Benzo(k)Fluoranthene
500 U	UG/KG	Benzo-a-Pyrene
500 U	UG/KG	Indeno (1,2,3-cd) Pyrene
500 U	UG/KG	Dibenzo(a,h)Anthracene
500 U	UG/KG	Benzo(ghi)Perylene
500 U	UG/KG	2-Chlorophenol
500 U	UG/KG	2-Methylphenol
500 U	UG/KG	(3-and/or 4-)Methylphenol
500 U	UG/KG	2-Nitrophenol
500 U	UG/KG	Phenol
500 U	UG/KG	2,4-Dimethylphenol
500 U	UG/KG	2,4-Dichlorophenol
500 U	UG/KG	2,4,6-Trichlorophenol
500 U	UG/KG	2,4,5-Trichlorophenol
500 U	UG/KG	4-Chloro-3-Methylphenol
990 UJ	UG/KG	2,4-Dinitrophenol
990 U	UG/KG	2-Methyl-4,6-Dinitrophenol
990 U	UG/KG	Pentachlorophenol
990 U	UG/KG	4-Nitrophenol
500 U	UG/KG	2,3,4,6-Tetrachlorophenol
33.67	%	% Moisture

J- due to RSD >20% on ICAL for Benzaldehyde
J-qualified due to QC Limits Exceeded for 2,4-Dinitrophenol

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9443** FY **2005** Project: **05-0926**

Extractables Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1DSD /
Media: SEDIMENT

Produced by: Revell, Dennis
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
400 U	UG/KG	bis(2-Chloroethyl) Ether
400 U	UG/KG	Benzaldehyde
400 U	UG/KG	Hexachloroethane
400 U	UG/KG	bis(2-Chloroisopropyl) Ether
400 U	UG/KG	n-Nitroso di-n-Propylamine
400 U	UG/KG	Acetophenone
400 U	UG/KG	Nitrobenzene
400 U	UG/KG	Hexachlorobutadiene
400 U	UG/KG	Caprolactam
400 U	UG/KG	2-Methylnaphthalene
400 U	UG/KG	1,2,4-Trichlorobenzene
400 U	UG/KG	Naphthalene
400 U	UG/KG	4-Chloroaniline
400 U	UG/KG	bis(2-Chloroethoxy)Methane
400 U	UG/KG	Isophorone
400 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
400 U	UG/KG	1,1-Biphenyl
400 U	UG/KG	2-Chloronaphthalene
400 U	UG/KG	2-Nitroaniline
400 U	UG/KG	Acenaphthylene
400 U	UG/KG	Acenaphthene
400 UJ	UG/KG	Dimethyl Phthalate
400 U	UG/KG	Dibenzofuran
400 U	UG/KG	2,4-Dinitrotoluene
400 U	UG/KG	2,6-Dinitrotoluene
400 U	UG/KG	3-Nitroaniline
400 U	UG/KG	4-Chlorophenyl Phenyl Ether
400 U	UG/KG	4-Nitroaniline
400 U	UG/KG	Fluorene
400 U	UG/KG	Diethyl Phthalate
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
400 U	UG/KG	Hexachlorobenzene (HCB)
400 UJ	UG/KG	Atrazine
400 U	UG/KG	4-Bromophenyl Phenyl Ether
400 U	UG/KG	Phenanthrene
400 U	UG/KG	Anthracene
400 UJ	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 U	UG/KG	Fluoranthene
400 U	UG/KG	Pyrene
400 U	UG/KG	Benzyl Butyl Phthalate
400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Benzo(a)Anthracene
400 U	UG/KG	Chrysene
400 U	UG/KG	3,3'-Dichlorobenzidine
400 U	UG/KG	Di-n-Octylphthalate
400 U	UG/KG	Benzo(b)Fluoranthene
400 U	UG/KG	Benzo(k)Fluoranthene
400 U	UG/KG	Benzo-a-Pyrene
400 U	UG/KG	Indeno (1,2,3-cd) Pyrene
400 U	UG/KG	Dibenzo(a,h)Anthracene
400 U	UG/KG	Benzo(ghi)Perylene
400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Methylphenol
400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	Phenol
400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	2,4,6-Trichlorophenol
400 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	4-Chloro-3-Methylphenol
790 UJ	UG/KG	2,4-Dinitrophenol
790 U	UG/KG	2-Methyl-4,6-Dinitrophenol
790 U	UG/KG	Pentachlorophenol
790 U	UG/KG	4-Nitrophenol
400 U	UG/KG	2,3,4,6-Tetrachlorophenol
20.62	%	% Moisture

J-qualified for low recovery in CCV for Dimethylphthalate, Atrazine, Carbazole
J-qualified due to QC Limits Exceeded for 2,4-Dinitrophenol

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9445** FY **2005** Project: **05-0926**

Extractables Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1SD /
Media: SEDIMENT

Produced by: Revell, Dennis
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
410 U	UG/KG	bis(2-Chloroethyl) Ether
410 U	UG/KG	Benzaldehyde
410 U	UG/KG	Hexachloroethane
410 U	UG/KG	bis(2-Chloroisopropyl) Ether
410 U	UG/KG	n-Nitroso di-n-Propylamine
410 U	UG/KG	Acetophenone
410 U	UG/KG	Nitrobenzene
410 U	UG/KG	Hexachlorobutadiene
410 U	UG/KG	Caprolactam
410 U	UG/KG	2-Methylnaphthalene
410 U	UG/KG	1,2,4-Trichlorobenzene
410 U	UG/KG	Naphthalene
410 U	UG/KG	4-Chloroaniline
410 U	UG/KG	bis(2-Chloroethoxy)Methane
410 U	UG/KG	Isophorone
410 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
410 U	UG/KG	1,1-Biphenyl
410 U	UG/KG	2-Chloronaphthalene
410 U	UG/KG	2-Nitroaniline
410 U	UG/KG	Acenaphthylene
410 U	UG/KG	Acenaphthene
410 UJ	UG/KG	Dimethyl Phthalate
410 U	UG/KG	Dibenzofuran
410 U	UG/KG	2,4-Dinitrotoluene
410 U	UG/KG	2,6-Dinitrotoluene
410 U	UG/KG	3-Nitroaniline
410 U	UG/KG	4-Chlorophenyl Phenyl Ether
410 U	UG/KG	4-Nitroaniline
410 U	UG/KG	Fluorene
410 U	UG/KG	Diethyl Phthalate
410 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
410 U	UG/KG	Hexachlorobenzene (HCB)
410 UJ	UG/KG	Atrazine
410 U	UG/KG	4-Bromophenyl Phenyl Ether
410 U	UG/KG	Phenanthrene
410 U	UG/KG	Anthracene
410 UJ	UG/KG	Carbazole
410 U	UG/KG	Di-n-Butylphthalate
410 U	UG/KG	Fluoranthene
410 U	UG/KG	Pyrene
410 U	UG/KG	Benzyl Butyl Phthalate
410 U	UG/KG	bis(2-Ethylhexyl) Phthalate
410 U	UG/KG	Benzo(a)Anthracene
410 U	UG/KG	Chrysene
410 U	UG/KG	3,3'-Dichlorobenzidine
410 U	UG/KG	Di-n-Octylphthalate
410 U	UG/KG	Benzo(b)Fluoranthene
410 U	UG/KG	Benzo(k)Fluoranthene
410 U	UG/KG	Benzo-a-Pyrene
410 U	UG/KG	Indeno (1,2,3-cd) Pyrene
410 U	UG/KG	Dibenzo(a,h)Anthracene
410 U	UG/KG	Benzo(ghi)Perylene
410 U	UG/KG	2-Chlorophenol
410 U	UG/KG	2-Methylphenol
410 U	UG/KG	(3-and/or 4-)Methylphenol
410 U	UG/KG	2-Nitrophenol
410 U	UG/KG	Phenol
410 U	UG/KG	2,4-Dimethylphenol
410 U	UG/KG	2,4-Dichlorophenol
410 U	UG/KG	2,4,6-Trichlorophenol
410 U	UG/KG	2,4,5-Trichlorophenol
410 U	UG/KG	4-Chloro-3-Methylphenol
820 UJ	UG/KG	2,4-Dinitrophenol
820 U	UG/KG	2-Methyl-4,6-Dinitrophenol
820 U	UG/KG	Pentachlorophenol
820 U	UG/KG	4-Nitrophenol
410 U	UG/KG	2,3,4,6-Tetrachlorophenol
19.98	%	% Moisture

J-qualified for low recovery in CCV for Dimethylphthalate, Atrazine, Carbazole
J-qualified due to QC Limits Exceeded for 2,4-Dinitrophenol

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9397** FY **2005** Project: **05-0926**

Metals Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Scifres, Jenny
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
6.4	MG/KG	Arsenic
130	MG/KG	Barium
0.82	MG/KG	Beryllium
1.1	MG/KG	Cadmium
4.6	MG/KG	Cobalt
21	MG/KG	Chromium
20	MG/KG	Copper
1.6 U	MG/KG	Molybdenum
8.4	MG/KG	Nickel
36	MG/KG	Lead
0.50 U	MG/KG	Antimony
1.0 U	MG/KG	Selenium
NA	MG/KG	Tin
57	MG/KG	Strontium
17	MG/KG	Titanium
0.50 U	MG/KG	Thallium
24	MG/KG	Vanadium
12	MG/KG	Yttrium
140	MG/KG	Zinc
0.078	MG/KG	Total Mercury
8200	MG/KG	Aluminum
450	MG/KG	Manganese
7400	MG/KG	Calcium
5100	MG/KG	Magnesium
17000	MG/KG	Iron
18000	MG/KG	Sodium
2300	MG/KG	Potassium
60	%	% Moisture

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9400** FY **2005** Project: **05-0926**

Metals Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Scifres, Jenny
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
1.2	MG/KG	Arsenic
27	MG/KG	Barium
0.30	MG/KG	Beryllium
1.5	MG/KG	Cadmium
0.59	MG/KG	Cobalt
7.2	MG/KG	Chromium
4.7	MG/KG	Copper
1.6 U	MG/KG	Molybdenum
2.4	MG/KG	Nickel
4.8	MG/KG	Lead
0.50 U	MG/KG	Antimony
1.0 U	MG/KG	Selenium
NA	MG/KG	Tin
59	MG/KG	Strontium
12	MG/KG	Titanium
0.50 U	MG/KG	Thallium
6.1	MG/KG	Vanadium
2.7	MG/KG	Yttrium
48	MG/KG	Zinc
0.044 U	MG/KG	Total Mercury
2600	MG/KG	Aluminum
26	MG/KG	Manganese
4900	MG/KG	Calcium
1800	MG/KG	Magnesium
3400	MG/KG	Iron
8500	MG/KG	Sodium
510	MG/KG	Potassium
41	%	% Moisture

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9401** FY **2005** Project: **05-0926**

Metals Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4SD /
Media: SEDIMENT

Produced by: Scifres, Jenny
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
0.87	MG/KG	Arsenic
57	MG/KG	Barium
0.30	MG/KG	Beryllium
1.8	MG/KG	Cadmium
0.66	MG/KG	Cobalt
9.7	MG/KG	Chromium
5.5	MG/KG	Copper
1.6 U	MG/KG	Molybdenum
2.7	MG/KG	Nickel
5.9	MG/KG	Lead
0.50 U	MG/KG	Antimony
1.0 U	MG/KG	Selenium
NA	MG/KG	Tin
66	MG/KG	Strontium
14	MG/KG	Titanium
0.50 U	MG/KG	Thallium
7.3	MG/KG	Vanadium
2.5	MG/KG	Yttrium
55	MG/KG	Zinc
0.044 U	MG/KG	Total Mercury
3000	MG/KG	Aluminum
26	MG/KG	Manganese
4700	MG/KG	Calcium
1700	MG/KG	Magnesium
3200	MG/KG	Iron
5900	MG/KG	Sodium
450	MG/KG	Potassium
49 A	%	% Moisture

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9443** FY **2005** Project: **05-0926**

Metals Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1DSD /
Media: SEDIMENT

Produced by: Scifres, Jenny
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
0.25 U	MG/KG	Arsenic
1.7 A	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.12 U	MG/KG	Cadmium
0.50 U	MG/KG	Cobalt
0.50 U	MG/KG	Chromium
2.0 UJ	MG/KG	Copper
5.2 U	MG/KG	Molybdenum
0.99 U	MG/KG	Nickel
2.1 A	MG/KG	Lead
0.25 U	MG/KG	Antimony
0.50 U	MG/KG	Selenium
NA	MG/KG	Tin
1.5 A	MG/KG	Strontium
2.6 AJ	MG/KG	Titanium
0.25 U	MG/KG	Thallium
2.0 UJ	MG/KG	Vanadium
0.30 U	MG/KG	Yttrium
1.6 A	MG/KG	Zinc
0.045 U	MG/KG	Total Mercury
180 A	MG/KG	Aluminum
1.7 A	MG/KG	Manganese
71 A	MG/KG	Calcium
200 A	MG/KG	Magnesium
270 A	MG/KG	Iron
1300 A	MG/KG	Sodium
99 U	MG/KG	Potassium
23	%	% Moisture

Per Cent Moisture Determined at 60 Degrees Celsius.
LCS Precision outside Method Acceptance Criteria for Ti.

Quantitation limit estimated for Cu and V

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9445** FY **2005** Project: **05-0926**

Metals Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1SD /
Media: SEDIMENT

Produced by: Scifres, Jenny
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
0.25 U	MG/KG	Arsenic
1.0	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.12 U	MG/KG	Cadmium
0.50 U	MG/KG	Cobalt
0.50 U	MG/KG	Chromium
2.0 UJ	MG/KG	Copper
5.2 U	MG/KG	Molybdenum
1.0 U	MG/KG	Nickel
1.3	MG/KG	Lead
0.25 U	MG/KG	Antimony
0.50 U	MG/KG	Selenium
NA	MG/KG	Tin
1.1	MG/KG	Strontium
2.8 J	MG/KG	Titanium
0.25 U	MG/KG	Thallium
2.0 UJ	MG/KG	Vanadium
0.30 U	MG/KG	Yttrium
1.9	MG/KG	Zinc
0.044 U	MG/KG	Total Mercury
210	MG/KG	Aluminum
2.5	MG/KG	Manganese
50	MG/KG	Calcium
120	MG/KG	Magnesium
370	MG/KG	Iron
540	MG/KG	Sodium
100 U	MG/KG	Potassium
20	%	% Moisture

Per Cent Moisture Determined at 60 Degrees Celsius.
LCS Precision outside Method Acceptance Criteria for Ti.

Quantitation limit estimated for Cu and V

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9397** FY **2005** Project: **05-0926**

Pesticides Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
11 U	UG/KG	Aldrin
11 U	UG/KG	Heptachlor
11 U	UG/KG	Heptachlor Epoxide
11 U	UG/KG	alpha-BHC
28 U	UG/KG	beta-BHC
11 U	UG/KG	gamma-BHC (Lindane)
11 U	UG/KG	delta-BHC
11 U	UG/KG	Endosulfan I (alpha)
11 U	UG/KG	Dieldrin
41 U	UG/KG	4,4'-DDT (p,p'-DDT)
11 U	UG/KG	4,4'-DDE (p,p'-DDE)
27 U	UG/KG	4,4'-DDD (p,p'-DDD)
27 U	UG/KG	Endrin
27 U	UG/KG	Endosulfan II (beta)
27 U	UG/KG	Endosulfan Sulfate
1080 U	UG/KG	Toxaphene
11 U	UG/KG	Chlordene /2
11 U	UG/KG	gamma-Chlordane /2
11 U	UG/KG	trans-Nonachlor /2
11 U	UG/KG	alpha-Chlordane /2
11 U	UG/KG	cis-Nonachlor /2
54 U	UG/KG	Methoxychlor
35 U	UG/KG	Endrin Ketone
64	%	% Moisture

P,P-DDT reported MQL raised above requested MQL because of Matrix interference
Other pesticide results above requested MQL due to low sample dry weight

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9397** FY **2005** Project: **05-0926**

PCB Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
100 UJ	UG/KG	PCB-1242 (Aroclor 1242)
100 UJ	UG/KG	PCB-1254 (Aroclor 1254)
100 UJ	UG/KG	PCB-1221 (Aroclor 1221)
100 UJ	UG/KG	PCB-1232 (Aroclor 1232)
100 UJ	UG/KG	PCB-1248 (Aroclor 1248)
100 UJ	UG/KG	PCB-1260 (Aroclor 1260)
100 UJ	UG/KG	PCB-1016 (Aroclor 1016)
64	%	% Moisture

QC limits for surrogate exceeded

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9400** FY **2005** Project: **05-0926**

Pesticides Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.7 U	UG/KG	Aldrin
6.8 U	UG/KG	Heptachlor
5.7 U	UG/KG	Heptachlor Epoxide
5.7 U	UG/KG	alpha-BHC
5.7 U	UG/KG	beta-BHC
5.7 U	UG/KG	gamma-BHC (Lindane)
5.7 U	UG/KG	delta-BHC
5.7 U	UG/KG	Endosulfan I (alpha)
5.7 U	UG/KG	Dieldrin
14 U	UG/KG	4,4'-DDT (p,p'-DDT)
5.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
14 U	UG/KG	4,4'-DDD (p,p'-DDD)
14 U	UG/KG	Endrin
14 U	UG/KG	Endosulfan II (beta)
14 U	UG/KG	Endosulfan Sulfate
570 U	UG/KG	Toxaphene
5.7 U	UG/KG	Chlordene /2
5.7 U	UG/KG	gamma-Chlordane /2
5.7 U	UG/KG	trans-Nonachlor /2
5.7 U	UG/KG	alpha-Chlordane /2
5.7 U	UG/KG	cis-Nonachlor /2
28 U	UG/KG	Methoxychlor
18 U	UG/KG	Endrin Ketone
30	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9400** FY **2005** Project: **05-0926**

PCB Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
30	%	% Moisture

Sample **9401** FY **2005** Project: **05-0926**

Pesticides Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.0 U	UG/KG	Aldrin
6.8 U	UG/KG	Heptachlor
6.0 U	UG/KG	Heptachlor Epoxide
6.0 U	UG/KG	alpha-BHC
6.0 U	UG/KG	beta-BHC
6.0 U	UG/KG	gamma-BHC (Lindane)
6.0 U	UG/KG	delta-BHC
6.0 U	UG/KG	Endosulfan I (alpha)
6.0 U	UG/KG	Dieldrin
15 U	UG/KG	4,4'-DDT (p,p'-DDT)
6.0 U	UG/KG	4,4'-DDE (p,p'-DDE)
15 U	UG/KG	4,4'-DDD (p,p'-DDD)
15 U	UG/KG	Endrin
15 U	UG/KG	Endosulfan II (beta)
15 U	UG/KG	Endosulfan Sulfate
600 U	UG/KG	Toxaphene
6.0 U	UG/KG	Chlordene /2
6.0 U	UG/KG	gamma-Chlordane /2
6.0 U	UG/KG	trans-Nonachlor /2
6.0 U	UG/KG	alpha-Chlordane /2
6.0 U	UG/KG	cis-Nonachlor /2
30 U	UG/KG	Methoxychlor
19 U	UG/KG	Endrin Ketone
34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9401** FY **2005** Project: **05-0926**

PCB Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9443** FY **2005** Project: **05-0926**

PCB Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1DSD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9443** FY **2005** Project: **05-0926**

Pesticides Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1DSD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.1 U	UG/KG	Aldrin
4.1 U	UG/KG	Heptachlor
4.1 U	UG/KG	Heptachlor Epoxide
4.1 U	UG/KG	alpha-BHC
4.1 U	UG/KG	beta-BHC
4.1 U	UG/KG	gamma-BHC (Lindane)
4.1 U	UG/KG	delta-BHC
4.1 U	UG/KG	Endosulfan I (alpha)
4.1 U	UG/KG	Dieldrin
10 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.1 U	UG/KG	4,4'-DDE (p,p'-DDE)
10 U	UG/KG	4,4'-DDD (p,p'-DDD)
10 U	UG/KG	Endrin
10 U	UG/KG	Endosulfan II (beta)
10 U	UG/KG	Endosulfan Sulfate
410 U	UG/KG	Toxaphene
4.1 U	UG/KG	Chlordene /2
4.1 U	UG/KG	gamma-Chlordane /2
4.1 U	UG/KG	trans-Nonachlor /2
4.1 U	UG/KG	alpha-Chlordane /2
4.1 U	UG/KG	cis-Nonachlor /2
23 U	UG/KG	Methoxychlor
10 U	UG/KG	Endrin Ketone
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9445** FY **2005** Project: **05-0926**

PCB Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
20	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9445** FY **2005** Project: **05-0926**

Pesticides Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1SD /
Media: SEDIMENT

Produced by: Revells, Lavon
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.1 U	UG/KG	Aldrin
4.1 U	UG/KG	Heptachlor
4.1 U	UG/KG	Heptachlor Epoxide
4.1 U	UG/KG	alpha-BHC
4.1 U	UG/KG	beta-BHC
4.1 U	UG/KG	gamma-BHC (Lindane)
4.1 U	UG/KG	delta-BHC
4.1 U	UG/KG	Endosulfan I (alpha)
4.1 U	UG/KG	Dieldrin
10 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.1 U	UG/KG	4,4'-DDE (p,p'-DDE)
10 U	UG/KG	4,4'-DDD (p,p'-DDD)
10 U	UG/KG	Endrin
10 U	UG/KG	Endosulfan II (beta)
10 U	UG/KG	Endosulfan Sulfate
410 U	UG/KG	Toxaphene
4.1 U	UG/KG	Chlordene /2
4.1 U	UG/KG	gamma-Chlordane /2
4.1 U	UG/KG	trans-Nonachlor /2
4.1 U	UG/KG	alpha-Chlordane /2
4.1 U	UG/KG	cis-Nonachlor /2
21 U	UG/KG	Methoxychlor
10 U	UG/KG	Endrin Ketone
20	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **9397** FY **2005** Project: **05-0926**

Volatiles Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.9 U	UG/KG	Dichlorodifluoromethane
3.9 U	UG/KG	Chloromethane
3.9 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
3.9 U	UG/KG	Methyl T-Butyl Ether (MTBE)
3.9 U	UG/KG	Bromomethane
3.9 U	UG/KG	Cyclohexane
3.9 U	UG/KG	Vinyl Chloride
3.9 U	UG/KG	Chloroethane
3.9 U	UG/KG	Trichlorofluoromethane (Freon 11)
3.9 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
3.9 U	UG/KG	Methylene Chloride
39 U	UG/KG	Acetone
4.7 J	UG/KG	Carbon Disulfide
3.9 U	UG/KG	Methyl Acetate
3.9 U	UG/KG	1,1-Dichloroethane
3.9 U	UG/KG	cis-1,2-Dichloroethene
3.9 U	UG/KG	2,2-Dichloropropane
7.7 U	UG/KG	Methyl Ethyl Ketone
3.9 U	UG/KG	Bromochloromethane
19 U	UG/KG	trans-1,2-Dichloroethene
3.9 U	UG/KG	Chloroform
3.9 U	UG/KG	1,2-Dichloroethane
3.9 U	UG/KG	1,1,1-Trichloroethane
3.9 U	UG/KG	1,1-Dichloropropene
3.9 U	UG/KG	Carbon Tetrachloride
3.9 U	UG/KG	Bromodichloromethane
3.9 U	UG/KG	Methyl Isobutyl Ketone
3.9 U	UG/KG	1,2-Dichloropropane
3.9 U	UG/KG	Methylcyclohexane
3.9 U	UG/KG	Dibromomethane
3.9 U	UG/KG	trans-1,3-Dichloropropene
3.9 U	UG/KG	Trichloroethene (Trichloroethylene)
0.23 J	UG/KG	Benzene
3.9 U	UG/KG	Dibromochloromethane
3.9 U	UG/KG	1,1,2-Trichloroethane
3.9 U	UG/KG	cis-1,3-Dichloropropene
19 U	UG/KG	Bromoform
3.9 U	UG/KG	Bromobenzene
3.9 U	UG/KG	1,1,2,2-Tetrachloroethane
3.9 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
3.9 U	UG/KG	1,3-Dichloropropane
3.9 U	UG/KG	Methyl Butyl Ketone
3.9 U	UG/KG	Toluene
3.9 U	UG/KG	Chlorobenzene
3.9 U	UG/KG	1,1,1,2-Tetrachloroethane
3.9 U	UG/KG	Ethyl Benzene
7.7 U	UG/KG	(m- and/or p-)Xylene
3.9 U	UG/KG	o-Xylene
3.9 U	UG/KG	Styrene
7.7 U	UG/KG	1,2,3-Trichloropropane
3.9 U	UG/KG	o-Chlorotoluene
7.7 U	UG/KG	p-Chlorotoluene
7.7 U	UG/KG	1,3-Dichlorobenzene
7.7 U	UG/KG	1,4-Dichlorobenzene
3.9 U	UG/KG	1,2-Dichlorobenzene
3.9 U	UG/KG	1,2-Dibromoethane (EDB)
14	UG/KG	Isopropylbenzene
51 J	UG/KG	n-Propylbenzene
3.9 U	UG/KG	1,3,5-Trimethylbenzene
3.9 U	UG/KG	tert-Butylbenzene
3.9 U	UG/KG	1,2,4-Trimethylbenzene
30 J	UG/KG	sec-Butylbenzene
43 J	UG/KG	p-Isopropyltoluene
50 J	UG/KG	n-Butylbenzene
19 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
7.7 U	UG/KG	1,2,4-Trichlorobenzene
3.9 U	UG/KG	Hexachloro-1,3-Butadiene
1.8 J	UG/KG	1,2,3-Trichlorobenzene
60	%	% Moisture

Benzene and 1,2,3-trichlorobenzene results >MDL but <MQL.
Other results reported as J due to low recovery in MS/MSD.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9397** FY **2005** Project: **05-0926**

MISCELLANEOUS COMPOUNDS

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC2SD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 11:30
Ending:

RESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Products

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9400** FY **2005** Project: **05-0926**

Volatiles Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.3 U	UG/KG	Dichlorodifluoromethane
2.3 U	UG/KG	Chloromethane
2.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
2.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
2.3 U	UG/KG	Bromomethane
2.3 U	UG/KG	Cyclohexane
2.3 U	UG/KG	Vinyl Chloride
2.3 U	UG/KG	Chloroethane
2.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
2.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
2.3 U	UG/KG	Methylene Chloride
23 U	UG/KG	Acetone
3.2	UG/KG	Carbon Disulfide
2.3 U	UG/KG	Methyl Acetate
2.3 U	UG/KG	1,1-Dichloroethane
2.3 U	UG/KG	cis-1,2-Dichloroethene
2.3 U	UG/KG	2,2-Dichloropropane
4.6 U	UG/KG	Methyl Ethyl Ketone
2.3 U	UG/KG	Bromochloromethane
11 U	UG/KG	trans-1,2-Dichloroethene
2.3 U	UG/KG	Chloroform
2.3 U	UG/KG	1,2-Dichloroethane
2.3 U	UG/KG	1,1,1-Trichloroethane
2.3 U	UG/KG	1,1-Dichloropropene
2.3 U	UG/KG	Carbon Tetrachloride
2.3 U	UG/KG	Bromodichloromethane
2.3 U	UG/KG	Methyl Isobutyl Ketone
2.3 U	UG/KG	1,2-Dichloropropane
2.3 U	UG/KG	Methylcyclohexane
2.3 U	UG/KG	Dibromomethane
2.3 U	UG/KG	trans-1,3-Dichloropropene
2.3 U	UG/KG	Trichloroethene (Trichloroethylene)
2.3 U	UG/KG	Benzene
2.3 U	UG/KG	Dibromochloromethane
2.3 U	UG/KG	1,1,2-Trichloroethane
2.3 U	UG/KG	cis-1,3-Dichloropropene
11 U	UG/KG	Bromoform
2.3 U	UG/KG	Bromobenzene
2.3 U	UG/KG	1,1,2,2-Tetrachloroethane
2.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
2.3 U	UG/KG	1,3-Dichloropropane
2.3 U	UG/KG	Methyl Butyl Ketone
2.3 U	UG/KG	Toluene
2.3 U	UG/KG	Chlorobenzene
2.3 U	UG/KG	1,1,1,2-Tetrachloroethane
2.3 U	UG/KG	Ethyl Benzene
4.6 U	UG/KG	(m- and/or p-)Xylene
2.3 U	UG/KG	o-Xylene
2.3 U	UG/KG	Styrene
4.6 U	UG/KG	1,2,3-Trichloropropane
2.3 U	UG/KG	o-Chlorotoluene
4.6 U	UG/KG	p-Chlorotoluene
4.6 U	UG/KG	1,3-Dichlorobenzene
4.6 U	UG/KG	1,4-Dichlorobenzene
2.3 U	UG/KG	1,2-Dichlorobenzene
2.3 U	UG/KG	1,2-Dibromoethane (EDB)
2.3 U	UG/KG	Isopropylbenzene
2.3 U	UG/KG	n-Propylbenzene
2.3 U	UG/KG	1,3,5-Trimethylbenzene
2.3 U	UG/KG	tert-Butylbenzene
2.3 U	UG/KG	1,2,4-Trimethylbenzene
2.3 U	UG/KG	sec-Butylbenzene
2.3 U	UG/KG	p-Isopropyltoluene
4.6 U	UG/KG	n-Butylbenzene
11 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
4.6 U	UG/KG	1,2,4-Trichlorobenzene
2.3 U	UG/KG	Hexachloro-1,3-Butadiene
4.6 U	UG/KG	1,2,3-Trichlorobenzene
41	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9400** FY **2005** Project: **05-0926**

MISCELLANEOUS COMPOUNDS

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4DSD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 13:00
Ending:

RESULTS	UNITS	ANALYTE
200 NJ	UG/KG	Thiobismethane

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9401** FY **2005** Project: **05-0926**

Volatiles Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: BC4SD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/27/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.3 U	UG/KG	Dichlorodifluoromethane
3.3 U	UG/KG	Chloromethane
3.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
3.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
3.3 U	UG/KG	Bromomethane
3.3 U	UG/KG	Cyclohexane
3.3 U	UG/KG	Vinyl Chloride
3.3 U	UG/KG	Chloroethane
3.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
3.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
3.3 U	UG/KG	Methylene Chloride
33 U	UG/KG	Acetone
4.4	UG/KG	Carbon Disulfide
3.3 U	UG/KG	Methyl Acetate
3.3 U	UG/KG	1,1-Dichloroethane
3.3 U	UG/KG	cis-1,2-Dichloroethene
3.3 U	UG/KG	2,2-Dichloropropane
6.5 U	UG/KG	Methyl Ethyl Ketone
3.3 U	UG/KG	Bromochloromethane
16 U	UG/KG	trans-1,2-Dichloroethene
3.3 U	UG/KG	Chloroform
3.3 U	UG/KG	1,2-Dichloroethane
3.3 U	UG/KG	1,1,1-Trichloroethane
3.3 U	UG/KG	1,1-Dichloropropene
3.3 U	UG/KG	Carbon Tetrachloride
3.3 U	UG/KG	Bromodichloromethane
3.3 U	UG/KG	Methyl Isobutyl Ketone
3.3 U	UG/KG	1,2-Dichloropropane
3.3 U	UG/KG	Methylcyclohexane
3.3 U	UG/KG	Dibromomethane
3.3 U	UG/KG	trans-1,3-Dichloropropene
3.3 U	UG/KG	Trichloroethene (Trichloroethylene)
3.3 U	UG/KG	Benzene
3.3 U	UG/KG	Dibromochloromethane
3.3 U	UG/KG	1,1,2-Trichloroethane
3.3 U	UG/KG	cis-1,3-Dichloropropene
16 U	UG/KG	Bromoform
3.3 U	UG/KG	Bromobenzene
3.3 U	UG/KG	1,1,2,2-Tetrachloroethane
3.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
3.3 U	UG/KG	1,3-Dichloropropane
3.3 U	UG/KG	Methyl Butyl Ketone
3.3 U	UG/KG	Toluene
3.3 U	UG/KG	Chlorobenzene
3.3 U	UG/KG	1,1,1,2-Tetrachloroethane
3.3 U	UG/KG	Ethyl Benzene
6.5 U	UG/KG	(m- and/or p-)Xylene
3.3 U	UG/KG	o-Xylene
3.3 U	UG/KG	Styrene
6.5 U	UG/KG	1,2,3-Trichloropropane
3.3 U	UG/KG	o-Chlorotoluene
6.5 U	UG/KG	p-Chlorotoluene
6.5 U	UG/KG	1,3-Dichlorobenzene
6.5 U	UG/KG	1,4-Dichlorobenzene
3.3 U	UG/KG	1,2-Dichlorobenzene
3.3 U	UG/KG	1,2-Dibromoethane (EDB)
3.3 U	UG/KG	Isopropylbenzene
3.3 U	UG/KG	n-Propylbenzene
3.3 U	UG/KG	1,3,5-Trimethylbenzene
3.3 U	UG/KG	tert-Butylbenzene
3.3 U	UG/KG	1,2,4-Trimethylbenzene
3.3 U	UG/KG	sec-Butylbenzene
3.3 U	UG/KG	p-Isopropyltoluene
6.5 U	UG/KG	n-Butylbenzene
16 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
6.5 U	UG/KG	1,2,4-Trichlorobenzene
3.3 U	UG/KG	Hexachloro-1,3-Butadiene
6.5 U	UG/KG	1,2,3-Trichlorobenzene
50	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9443** FY **2005** Project: **05-0926**

Volatiles Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1DSD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.2 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
1.2 U	UG/KG	Bromomethane
1.2 U	UG/KG	Cyclohexane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	Methylene Chloride
12 U	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
1.2 U	UG/KG	2,2-Dichloropropane
2.4 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
5.9 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
1.2 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
5.9 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
1.2 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.4 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
2.4 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
2.4 U	UG/KG	p-Chlorotoluene
2.4 U	UG/KG	1,3-Dichlorobenzene
2.4 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
2.4 U	UG/KG	n-Butylbenzene
5.9 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
2.4 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
2.4 U	UG/KG	1,2,3-Trichlorobenzene
23	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **9445** FY **2005** Project: **05-0926**

Volatiles Scan

Facility: Mississippi Gulf Coast Monitoring Study
Program: WQU
Id/Station: ER1SD /
Media: SEDIMENT

Produced by: Hale, Sallie
Requestor: MDEQ
Project Leader: MKOENIG
Beginning: 09/28/2005 14:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.2 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
1.2 U	UG/KG	Bromomethane
1.2 U	UG/KG	Cyclohexane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	Methylene Chloride
12 U	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
1.2 U	UG/KG	2,2-Dichloropropane
2.5 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
6.3 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
1.2 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
6.3 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
1.2 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.5 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
2.5 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
2.5 U	UG/KG	p-Chlorotoluene
2.5 U	UG/KG	1,3-Dichlorobenzene
2.5 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
2.5 U	UG/KG	n-Butylbenzene
6.3 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
2.5 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
2.5 U	UG/KG	1,2,3-Trichlorobenzene
20	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
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NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Data Package Checklist

(Initials do not signify approval)

Reviewer	Initials	Date
MASB QA Officer		
NAREL QA Coordinator		
MASB Chief		

Project: KATRINA RESPONSE-MS SDG Number: #0500067

Date due: _____ Analysis: NAREL RA-04

Type of Package: □ Data Summary Package □ Complete Package

Y	N	N/A		Comments
□	□	□	All samples in the SDG are reported	
□	□	□	All results are the ones intended	
□	□	□	Printed results match the raw data	
□	□	□	Error report forms are attached	
□	□	□	SDG Form is attached	
□	□	□	Analyst's checklist is attached	
□	□	□	Original prep batch forms are attached	
□	□	□	All supporting data sheets are attached	
□	□	□	All raw data sheets appear to be correct	
□	□	□	All handwritten notes are initialed and dated	
□	□	□	Package is arranged correctly	
□	□	□	Package appears to be complete	

Were holding times met? □ Yes □ No □ N/A

Were all QC results acceptable? □ Yes □ No

Are there any exceptions to report? □ Yes □ No

Prepared by: _____ _____

QAO Review

Y	N	N/A	
□	□	□	All QC failures are noted
□	□	□	Raw data look reasonable
□	□	□	All exceptions have been noted

Note: If changes to the case narrative are suggested, please provide the necessary language.

Comments: _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #0500067

Project: KATRINA RESPONSE-MS
Analysis Procedure: Radium-226 in Environmental Matrices
Date Reported: 11/17/2005

SAMPLES

NAREL Sample #	Client Sample ID	Type	Matrix	Date Collected	Date Received
A5.04976C	CFMSD03	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04977D	CFMSD04	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04978E	CFMSD05	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04979F	CFMSD05D	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04980Y	CFMSD06	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04981Z	CFMSD07	SAM	SEDIMENT	10/06/2005	10/07/2005

EXCEPTIONS

1. Packaging and Shipping - No problems were observed.
2. Documentation - No problems were observed.
3. Sample Preparation - No problems were encountered.
4. Analysis - No problems were encountered.
5. Holding Times - All holding times were met.

QUALITY CONTROL

1. QC samples - All QC analysis results met NAREL acceptance criteria except the matrix spike result.
2. Instruments - Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Chief of the Monitoring and Analytical Services Branch and the NAREL Quality Assurance Coordinator, or their designees, as verified by the following signatures.

Mary F. Wisdom Date
Quality Assurance Coordinator

John Griggs, Ph.D. Date
Chief, Monitoring and Analytical Services Branch

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Reagent blank

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

EVALUATION OF QC ANALYSES

A reagent blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of reagent blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

ANALYSIS SUMMARY

Analysis Procedure: NAREL RA-04
Title: Radium-226 in Environmental Matrices

NAREL Sample #	QC Type	Preparation Procedure	Date Completed	Prep Batch #	QC Batch #
A5.04976C		NAREL RA-01	11/10/2005	0010184F	0003928W
A5.04976C	DUP	NAREL RA-01	11/10/2005	0010184F	0003928W
A5.04977D		NAREL RA-01	11/10/2005	0010184F	0003928W
A5.04977D	MS	NAREL RA-01	11/10/2005	0010184F	0003928W
A5.04977D	MSD	NAREL RA-01	11/10/2005	0010184F	0003928W
A5.04978E		NAREL RA-01	11/17/2005	0010197L	0003928W
A5.04979F		NAREL RA-01	11/17/2005	0010197L	0003928W
A5.04980Y		NAREL RA-01	11/17/2005	0010197L	0003928W
A5.04981Z		NAREL RA-01	11/17/2005	0010197L	0003928W
RBK-00496346B *	RBK	NAREL RA-01	11/10/2005	0010184F	0003928W

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

PREPARATION METHOD(S) USED

Procedure ID	Title
NAREL RA-01	Preparing Solid Samples for Ra-226 and Ra-228 Analysis

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04976C	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010184F
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.935e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	44.22 %	Analyst:	CHD
Ash/dry weight:	92.00 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4E	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	4.90e-01	8.8e-02	2.7e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04976C	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010184F
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	5.034e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	44.22 %	Analyst:	CHD
Ash/dry weight:	92.00 %	QC type:	DUP

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4F	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	6.06e-01	1.1e-01	3.9e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04977D	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010184F
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.977e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	75.62 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4G	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.77e-01	1.0e-01	3.5e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04977D	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010184F
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.977e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	75.62 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	MS

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4I	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	2.31e+01	3.5e+00	2.7e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04977D	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010184F
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.977e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	75.62 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	MSD

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4K	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.25e+01	4.8e+00	3.4e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04978E	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010197L
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.937e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	22.28 %	Analyst:	CHD
Ash/dry weight:	56.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4D	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	7.35e-01	1.2e-01	1.9e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04979F	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010197L
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.973e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	23.14 %	Analyst:	CHD
Ash/dry weight:	66.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4E	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	7.42e-01	1.2e-01	1.7e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04980Y	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010197L
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.974e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	50.08 %	Analyst:	CHD
Ash/dry weight:	82.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4G	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	8.82e-01	1.4e-01	3.1e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04981Z	QC batch #:	0003928W
Matrix:	SEDIMENT	Prep batch #:	0010197L
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.981e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	59.53 %	Analyst:	CHD
Ash/dry weight:	85.20 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4I	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.72e-01	6.9e-02	2.6e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

QC Sample #: RBK-00496346B

QC batch #:	0003928W
Prep batch #:	0010184F
Prep procedure:	NAREL RA-01
Analysis procedure:	NAREL RA-04
Analyst:	CHD
QC type:	RBK

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/09/2005 18:25	1000.0	LC4M	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.83e-02	1.3e-02	1.4e-02	PCI	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

QC BATCH SUMMARY

QC batch #: 0003928W
Preparation procedure: NAREL RA-01
Analysis procedure: NAREL RA-04

NAREL Sample #	QC Type	Yield (%)	± 2σ Uncertainty (%)	Analyst
A5.04976C		N/A		CHD
A5.04976C	DUP	N/A		CHD
A5.04977D		N/A		CHD
A5.04977D	MS	N/A		CHD
A5.04977D	MSD	N/A		CHD
A5.04978E		N/A		CHD
A5.04979F		N/A		CHD
A5.04980Y		N/A		CHD
A5.04981Z		N/A		CHD
RBK-00496346B *	RBK	N/A		CHD

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

PREPARATION BATCH SUMMARY

SAMPLES ANALYZED

NAREL Sample #	QC Type	Aliquot Size	Completion Date	Prep Batch
A5.04976C		4.94e-01 GASH	11/10/2005	0010184F
A5.04976C	DUP	5.03e-01 GASH	11/10/2005	0010184F
A5.04977D		4.98e-01 GASH	11/10/2005	0010184F
A5.04977D	MS	4.98e-01 GASH	11/10/2005	0010184F
A5.04977D	MSD	4.98e-01 GASH	11/10/2005	0010184F
A5.04978E		4.94e-01 GASH	11/17/2005	0010197L
A5.04979F		4.97e-01 GASH	11/17/2005	0010197L
A5.04980Y		4.97e-01 GASH	11/17/2005	0010197L
A5.04981Z		4.98e-01 GASH	11/17/2005	0010197L
RBK-00496346B *	RBK	1.00e+00 SAMP	11/10/2005	0010184F

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500067

DETECTOR REPORT

The following were used for samples in the SDG

LC4D	11/16/2005	18:15	00495553C A5.04978E
LC4E	11/09/2005	18:25	00495547E A5.04976C
LC4E	11/16/2005	18:15	00495556F A5.04979F
LC4F	11/09/2005	18:25	00496343Y A5.04976C
LC4G	11/09/2005	18:25	00495550Z A5.04977D
LC4G	11/16/2005	18:15	00495559J A5.04980Y
LC4I	11/09/2005	18:25	00496344Z A5.04977D
LC4I	11/16/2005	18:15	00495563E A5.04981Z
LC4K	11/09/2005	18:25	00496345A A5.04977D

The following were used for other samples in the QC batches

LC4M	11/09/2005	18:25	00496346B

Data Package Checklist

(Initials do not signify approval)

Reviewer	Initials	Date
MASB QA Officer		
NAREL QA Coordinator		
MASB Chief		

Project: KATRINA RESPONSE-MS SDG Number: #0500068

Date due: _____ Analysis: NAREL RA-04

Type of Package: □ Data Summary Package □ Complete Package

Y	N	N/A		Comments
□	□	□	All samples in the SDG are reported	
□	□	□	All results are the ones intended	
□	□	□	Printed results match the raw data	
□	□	□	Error report forms are attached	
□	□	□	SDG Form is attached	
□	□	□	Analyst's checklist is attached	
□	□	□	Original prep batch forms are attached	
□	□	□	All supporting data sheets are attached	
□	□	□	All raw data sheets appear to be correct	
□	□	□	All handwritten notes are initialed and dated	
□	□	□	Package is arranged correctly	
□	□	□	Package appears to be complete	

Were holding times met? □ Yes □ No □ N/A

Were all QC results acceptable? □ Yes □ No

Are there any exceptions to report? □ Yes □ No

Prepared by: _____ _____

QAO Review

Y	N	N/A		
□	□	□	All QC failures are noted	Note: If changes to the case narrative are suggested, please provide the necessary language.
□	□	□	Raw data look reasonable	
□	□	□	All exceptions have been noted	

Comments: _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #0500068

Project: KATRINA RESPONSE-MS
Analysis Procedure: Radium-226 in Environmental Matrices
Date Reported: 11/17/2005

SAMPLES

NAREL Sample #	Client Sample ID	Type	Matrix	Date Collected	Date Received
A5.04982A	CFMSF01	SAM	SOIL	10/06/2005	10/07/2005
A5.04983B	CFMSF02	SAM	SOIL	10/06/2005	10/07/2005
A5.04984C	CFMSF02S	SAM	SOIL	10/06/2005	10/07/2005
A5.04985D	CFMSF08	SAM	SOIL	10/06/2005	10/07/2005

EXCEPTIONS

1. Packaging and Shipping - No problems were observed.
2. Documentation - No problems were observed.
3. Sample Preparation - No problems were encountered.
4. Analysis - No problems were encountered.
5. Holding Times - All holding times were met.

QUALITY CONTROL

1. QC samples - All QC analysis results met NAREL acceptance criteria.
2. Instruments - Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Chief of the Monitoring and Analytical Services Branch and the NAREL Quality Assurance Coordinator, or their designees, as verified by the following signatures.

Mary F. Wisdom Date
Quality Assurance Coordinator

John Griggs, Ph.D. Date
Chief, Monitoring and Analytical Services Branch

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Reagent blank

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

EVALUATION OF QC ANALYSES

A reagent blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of reagent blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

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U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

ANALYSIS SUMMARY

Analysis Procedure: NAREL RA-04
Title: Radium-226 in Environmental Matrices

NAREL Sample #	QC Type	Preparation Procedure	Date Completed	Prep Batch #	QC Batch #
A5.04982A		NAREL RA-01	11/15/2005	0010188K	0003929X
A5.04982A	MS	NAREL RA-01	11/15/2005	0010188K	0003929X
A5.04982A	MSD	NAREL RA-01	11/15/2005	0010188K	0003929X
A5.04983B		NAREL RA-01	11/15/2005	0010188K	0003929X
A5.04983B	DUP	NAREL RA-01	11/15/2005	0010188K	0003929X
A5.04984C		NAREL RA-01	11/17/2005	0010198M	0003929X
A5.04985D		NAREL RA-01	11/17/2005	0010198M	0003929X
RBK-00496350X *	RBK	NAREL RA-01	11/15/2005	0010188K	0003929X

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

PREPARATION METHOD(S) USED

Procedure ID	Title
NAREL RA-01	Preparing Solid Samples for Ra-226 and Ra-228 Analysis

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04982A	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010188K
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	5.022e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	91.12 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4E	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	9.22e-01	1.5e-01	2.6e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04982A	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010188K
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.981e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	91.12 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	MS

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4F	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.68e+01	5.5e+00	3.6e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04982A	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010188K
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	5.022e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	91.12 %	Analyst:	CHD
Ash/dry weight:	96.80 %	QC type:	MSD

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4G	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	3.09e+01	4.6e+00	3.2e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04983B	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010188K
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.931e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	77.88 %	Analyst:	CHD
Ash/dry weight:	95.20 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4I	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.85e-01	1.0e-01	2.8e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04983B	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010188K
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.982e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	77.88 %	Analyst:	CHD
Ash/dry weight:	95.20 %	QC type:	DUP

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4K	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	6.92e-01	1.2e-01	3.2e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04984C	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010198M
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	5.005e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	77.37 %	Analyst:	CHD
Ash/dry weight:	95.20 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4K	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	6.70e-01	1.1e-01	3.3e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04985D	QC batch #:	0003929X
Matrix:	SOIL	Prep batch #:	0010198M
Sample type:	SAM	Prep procedure:	NAREL RA-01
Amount analyzed:	4.960e-01 GASH	Analysis procedure:	NAREL RA-04
Dry/wet weight:	93.22 %	Analyst:	CHD
Ash/dry weight:	97.20 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/16/2005 18:15	1000.0	LC4M	CHD

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	5.54e-01	9.7e-02	2.6e-02	PCI/GDRY	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

QC Sample #: RBK-00496350X

QC batch #:	0003929X
Prep batch #:	0010188K
Prep procedure:	NAREL RA-01
Analysis procedure:	NAREL RA-04
Analyst:	CHD
QC type:	RBK

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
11/14/2005 18:30	1000.0	LC4M	DPG

ANALYTICAL RESULTS

Analyte	Activity	± 2σ Uncertainty	MDC	Unit	Date
Ra226	7.54e-02	1.7e-02	1.4e-02	PCI	10/25/2005

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

QC BATCH SUMMARY

QC batch #: 0003929X
Preparation procedure: NAREL RA-01
Analysis procedure: NAREL RA-04

NAREL Sample #	QC Type	Yield (%)	± 2σ Uncertainty (%)	Analyst
A5.04982A		N/A		CHD
A5.04982A	MS	N/A		CHD
A5.04982A	MSD	N/A		CHD
A5.04983B		N/A		CHD
A5.04983B	DUP	N/A		CHD
A5.04984C		N/A		CHD
A5.04985D		N/A		CHD
RBK-00496350X *	RBK	N/A		CHD

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

PREPARATION BATCH SUMMARY

SAMPLES ANALYZED

NAREL Sample #	QC Type	Aliquot Size	Completion Date	Prep Batch
A5.04982A		5.02e-01 GASH	11/15/2005	0010188K
A5.04982A	MS	4.98e-01 GASH	11/15/2005	0010188K
A5.04982A	MSD	5.02e-01 GASH	11/15/2005	0010188K
A5.04983B		4.93e-01 GASH	11/15/2005	0010188K
A5.04983B	DUP	4.98e-01 GASH	11/15/2005	0010188K
A5.04984C		5.01e-01 GASH	11/17/2005	0010198M
A5.04985D		4.96e-01 GASH	11/17/2005	0010198M
RBK-00496350X *	RBK	1.00e+00 SAMP	11/15/2005	0010188K

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
RA226 ANALYSES
SDG #0500068

DETECTOR REPORT

The following were used for samples in the SDG

LC4E 11/14/2005 18:30 00495566H A5.04982A
LC4F 11/14/2005 18:30 00496347C A5.04982A
LC4G 11/14/2005 18:30 00496348D A5.04982A
LC4I 11/14/2005 18:30 00495569L A5.04983B
LC4K 11/14/2005 18:30 00496349E A5.04983B
LC4K 11/16/2005 18:15 00495572F A5.04984C
LC4M 11/16/2005 18:15 00495575J A5.04985D

The following were used for other samples in the QC batches

LC4M 11/14/2005 18:30 00496350X

Data Package Checklist

(Initials do not signify approval)

Reviewer	Initials	Date
MASB QA Officer		
NAREL QA Coordinator		
MASB Chief		

Project: KATRINA RESPONSE-MS SDG Number: #0500067

Date due: _____ Analysis: NAREL GAM-01

Type of Package: □ Data Summary Package □ Complete Package

Y	N	N/A		Comments
□	□	□	All samples in the SDG are reported	
□	□	□	All results are the ones intended	
□	□	□	Printed results match the raw data	
□	□	□	Error report forms are attached	
□	□	□	SDG Form is attached	
□	□	□	Analyst's checklist is attached	
□	□	□	Original prep batch forms are attached	
□	□	□	All supporting data sheets are attached	
□	□	□	All raw data sheets appear to be correct	
□	□	□	All handwritten notes are initialed and dated	
□	□	□	Package is arranged correctly	
□	□	□	Package appears to be complete	

Were holding times met? □ Yes □ No □ N/A

Were all QC results acceptable? □ Yes □ No

Are there any exceptions to report? □ Yes □ No

Prepared by: _____ _____

QAO Review

Y	N	N/A	
□	□	□	All QC failures are noted
□	□	□	Raw data look reasonable
□	□	□	All exceptions have been noted

Note: If changes to the case narrative are suggested, please provide the necessary language.

Comments: _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #0500067

Project: KATRINA RESPONSE-MS
Analysis Procedure: Gamma Spectrometry
Date Reported: 10/27/2005

SAMPLES

NAREL Sample #	Client Sample ID	Type	Matrix	Date Collected	Date Received
A5.04976C	CFMSD03	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04977D	CFMSD04	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04978E	CFMSD05	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04979F	CFMSD05D	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04980Y	CFMSD06	SAM	SEDIMENT	10/06/2005	10/07/2005
A5.04981Z	CFMSD07	SAM	SEDIMENT	10/06/2005	10/07/2005

EXCEPTIONS

1. Packaging and Shipping - No problems were observed.
2. Documentation - No problems were observed.
3. Sample Preparation - No problems were encountered.
4. Analysis - NAREL sample A5.04978 was originally counted on a detector that failed its daily QC. The sample was recounted on a different detector. The results of the recount are reported in this data package.
5. Holding Times - All holding times were met.

QUALITY CONTROL

1. QC samples - All QC analysis results met NAREL acceptance criteria.
2. Instruments - Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Chief of the Monitoring and Analytical Services Branch and the NAREL Quality Assurance Coordinator, or their designees, as verified by the following signatures.

Mary F. Wisdom Date
Quality Assurance Coordinator

John Griggs, Ph.D. Date
Chief, Monitoring and Analytical Services Branch

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Reagent blank

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

EVALUATION OF QC ANALYSES

A reagent blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of reagent blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES
SDG #0500067

ANALYSIS SUMMARY

Analysis Procedure: NAREL GAM-01
Title: Gamma Spectrometry

NAREL Sample #	QC Type	Preparation Procedure	Date Completed	Prep Batch #	QC Batch #
A5.04976C		N/A	10/13/2005	0010113P	0003916R
A5.04977D		N/A	10/13/2005	0010113P	0003916R
A5.04978E		N/A	10/27/2005	0010151W	0003916R
A5.04979F		N/A	10/13/2005	0010113P	0003916R
A5.04980Y		N/A	10/13/2005	0010113P	0003916R
A5.04980Y	DUP	N/A	10/14/2005	0010113P	0003916R
A5.04981Z		N/A	10/13/2005	0010113P	0003916R

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04976C	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.150e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	44.22 %	Analyst:	DPS
Ash/dry weight:	92.00 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/12/2005 15:21	1000.0	GE02	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.6e-01	PCI/GDRY	10/06/2005
Be7		2.75e-01	1.5e-01		PCI/GDRY	10/06/2005
Bi212		3.51e-01	2.8e-01		PCI/GDRY	10/06/2005
Bi214	*	3.64e-01	6.0e-02		PCI/GDRY	10/06/2005
Co60		ND		5.6e-02	PCI/GDRY	10/06/2005
Cs137		2.39e-02	1.7e-02		PCI/GDRY	10/06/2005
I131		ND		5.1e-02	PCI/GDRY	10/06/2005
K40		2.34e+00	4.2e-01		PCI/GDRY	10/06/2005
Pb210	*	8.85e-01	9.3e-01		PCI/GDRY	10/06/2005
Pb212		4.65e-01	4.8e-02		PCI/GDRY	10/06/2005
Pb214	*	4.35e-01	5.2e-02		PCI/GDRY	10/06/2005
Ra223		1.53e-01	7.5e-02		PCI/GDRY	10/06/2005
Ra224		3.97e-01	3.3e-01		PCI/GDRY	10/06/2005
Ra226	*	1.08e+00	4.0e-01		PCI/GDRY	10/06/2005
Ra228		3.74e-01	7.0e-02		PCI/GDRY	10/06/2005
Th234	*	6.77e-01	2.3e-01		PCI/GDRY	10/06/2005
Tl208		1.42e-01	2.8e-02		PCI/GDRY	10/06/2005
U235	*	6.75e-02	2.5e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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GAMMA ANALYSES
SDG #0500067

SAMPLE ANALYSIS REPORT

Sample #:	A5.04977D	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	2.440e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	75.62 %	Analyst:	DPS
Ash/dry weight:	96.80 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/12/2005 15:22	1000.0	GE04	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		8.7e-02	PCI/GDRY	10/06/2005
Be7		5.55e-02	5.8e-02		PCI/GDRY	10/06/2005
Bi212		4.60e-01	1.3e-01		PCI/GDRY	10/06/2005
Bi214	*	3.84e-01	3.3e-02		PCI/GDRY	10/06/2005
Co60		ND		2.0e-02	PCI/GDRY	10/06/2005
Cs137		ND		2.0e-02	PCI/GDRY	10/06/2005
I131		ND		2.5e-02	PCI/GDRY	10/06/2005
K40		1.11e+00	1.6e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.2e+00	PCI/GDRY	10/06/2005
Pb212		4.38e-01	3.3e-02		PCI/GDRY	10/06/2005
Pb214	*	4.36e-01	3.3e-02		PCI/GDRY	10/06/2005
Ra224		4.03e-01	2.0e-01		PCI/GDRY	10/06/2005
Ra226	*	7.93e-01	1.9e-01		PCI/GDRY	10/06/2005
Ra228		4.13e-01	3.9e-02		PCI/GDRY	10/06/2005
Tl208		1.29e-01	1.4e-02		PCI/GDRY	10/06/2005
U235	*	4.98e-02	1.2e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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SAMPLE ANALYSIS REPORT

Sample #:	A5.04978E	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010151W
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.340e+01 GASH	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	22.28 %	Analyst:	DPS
Ash/dry weight:	56.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/26/2005 14:15	1000.0	GE04	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		6.3e-01	PCI/GDRY	10/06/2005
Bi212		4.59e-01	4.2e-01		PCI/GDRY	10/06/2005
Bi214	*	4.74e-01	9.8e-02		PCI/GDRY	10/06/2005
Co60		ND		7.8e-02	PCI/GDRY	10/06/2005
Cs137		4.28e-01	5.3e-02		PCI/GDRY	10/06/2005
I131		ND		3.2e-01	PCI/GDRY	10/06/2005
K40		2.32e+00	6.7e-01		PCI/GDRY	10/06/2005
Pb210		ND		9.4e+00	PCI/GDRY	10/06/2005
Pb212		4.93e-01	8.1e-02		PCI/GDRY	10/06/2005
Pb214	*	5.59e-01	8.3e-02		PCI/GDRY	10/06/2005
Ra226	*	1.26e+00	7.6e-01		PCI/GDRY	10/06/2005
Ra228		3.98e-01	1.2e-01		PCI/GDRY	10/06/2005
Th234	*	1.04e+00	6.1e-01		PCI/GDRY	10/06/2005
Tl208		1.35e-01	4.9e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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SAMPLE ANALYSIS REPORT

Sample #:	A5.04979F	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	4.060e+01 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	23.14 %	Analyst:	DPS
Ash/dry weight:	66.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/12/2005 15:23	1000.0	GE06	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.4e-01	PCI/GDRY	10/06/2005
Bi212		6.80e-01	3.4e-01		PCI/GDRY	10/06/2005
Bi214	*	6.00e-01	1.0e-01		PCI/GDRY	10/06/2005
Co60		ND		6.1e-02	PCI/GDRY	10/06/2005
Cs137		7.10e-01	6.2e-02		PCI/GDRY	10/06/2005
I131		ND		8.6e-02	PCI/GDRY	10/06/2005
K40		2.90e+00	5.4e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.5e+00	PCI/GDRY	10/06/2005
Pb212		5.55e-01	7.3e-02		PCI/GDRY	10/06/2005
Pb214	*	7.32e-01	8.6e-02		PCI/GDRY	10/06/2005
Ra223		2.33e-01	1.4e-01		PCI/GDRY	10/06/2005
Ra226	*	1.66e+00	7.4e-01		PCI/GDRY	10/06/2005
Ra228		5.93e-01	1.2e-01		PCI/GDRY	10/06/2005
Th234	*	1.61e+00	5.3e-01		PCI/GDRY	10/06/2005
Tl208		1.92e-01	4.4e-02		PCI/GDRY	10/06/2005
U235	*	1.13e-01	4.4e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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SAMPLE ANALYSIS REPORT

Sample #:	A5.04980Y	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	7.390e+01 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	50.08 %	Analyst:	DPS
Ash/dry weight:	82.40 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/12/2005 15:23	1000.0	GE07	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.0e-01	PCI/GDRY	10/06/2005
Be7		3.53e-01	1.7e-01		PCI/GDRY	10/06/2005
Bi212		1.17e+00	3.3e-01		PCI/GDRY	10/06/2005
Bi214	*	7.05e-01	7.6e-02		PCI/GDRY	10/06/2005
Co60		ND		4.5e-02	PCI/GDRY	10/06/2005
Cs137		5.36e-02	2.1e-02		PCI/GDRY	10/06/2005
I131		ND		6.6e-02	PCI/GDRY	10/06/2005
K40		6.28e+00	6.0e-01		PCI/GDRY	10/06/2005
Pb210		ND		4.6e+00	PCI/GDRY	10/06/2005
Pb212		9.39e-01	7.8e-02		PCI/GDRY	10/06/2005
Pb214	*	7.85e-01	7.3e-02		PCI/GDRY	10/06/2005
Ra223		2.97e-01	1.1e-01		PCI/GDRY	10/06/2005
Ra226	*	1.82e+00	5.8e-01		PCI/GDRY	10/06/2005
Ra228		1.00e+00	1.1e-01		PCI/GDRY	10/06/2005
Tl208		2.63e-01	3.6e-02		PCI/GDRY	10/06/2005
U235	*	1.14e-01	3.6e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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SAMPLE ANALYSIS REPORT

Sample #:	A5.04980Y	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	7.390e+01 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	50.08 %	Analyst:	DPS
Ash/dry weight:	82.40 %	QC type:	DUP

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/13/2005 12:52	1000.0	GE02	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.7e-01	PCI/GDRY	10/06/2005
Be7		1.50e-01	1.5e-01		PCI/GDRY	10/06/2005
Bi212		9.95e-01	3.8e-01		PCI/GDRY	10/06/2005
Bi214	*	6.45e-01	9.1e-02		PCI/GDRY	10/06/2005
Co60		ND		7.8e-02	PCI/GDRY	10/06/2005
Cs137		4.26e-02	3.0e-02		PCI/GDRY	10/06/2005
I131		ND		7.3e-02	PCI/GDRY	10/06/2005
K40		5.81e+00	7.7e-01		PCI/GDRY	10/06/2005
Pb210		ND		2.0e+00	PCI/GDRY	10/06/2005
Pb212		9.68e-01	8.3e-02		PCI/GDRY	10/06/2005
Pb214	*	7.51e-01	7.8e-02		PCI/GDRY	10/06/2005
Ra223		3.24e-01	1.4e-01		PCI/GDRY	10/06/2005
Ra224		8.66e-01	5.4e-01		PCI/GDRY	10/06/2005
Ra226	*	1.89e+00	5.5e-01		PCI/GDRY	10/06/2005
Ra228		8.66e-01	1.2e-01		PCI/GDRY	10/06/2005
Th234	*	1.55e+00	3.9e-01		PCI/GDRY	10/06/2005
Tl208		3.00e-01	4.4e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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SAMPLE ANALYSIS REPORT

Sample #:	A5.04981Z	QC batch #:	0003916R
Matrix:	SEDIMENT	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	7.540e+01 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	59.53 %	Analyst:	DPS
Ash/dry weight:	85.20 %	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/12/2005 15:22	1000.0	GE09	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.8e-01	PCI/GDRY	10/06/2005
Be7		3.12e-01	1.7e-01		PCI/GDRY	10/06/2005
Bi212		5.62e-01	2.8e-01		PCI/GDRY	10/06/2005
Bi214	*	3.64e-01	5.8e-02		PCI/GDRY	10/06/2005
Co60		ND		4.1e-02	PCI/GDRY	10/06/2005
Cs137		6.30e-01	4.8e-02		PCI/GDRY	10/06/2005
I131		ND		6.2e-02	PCI/GDRY	10/06/2005
K40		2.25e+00	3.4e-01		PCI/GDRY	10/06/2005
Pb210		ND		4.9e+00	PCI/GDRY	10/06/2005
Pb212		5.01e-01	5.4e-02		PCI/GDRY	10/06/2005
Pb214	*	4.04e-01	5.4e-02		PCI/GDRY	10/06/2005
Ra224		4.95e-01	3.8e-01		PCI/GDRY	10/06/2005
Ra226		ND		5.9e-01	PCI/GDRY	10/06/2005
Ra228		5.57e-01	8.0e-02		PCI/GDRY	10/06/2005
Th234	*	7.23e-01	3.6e-01		PCI/GDRY	10/06/2005
Tl208		1.66e-01	2.8e-02		PCI/GDRY	10/06/2005
U235	*	8.07e-02	2.8e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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GAMMA ANALYSES
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QC BATCH SUMMARY

QC batch #: 0003916R
Preparation procedure: N/A
Analysis procedure: NAREL GAM-01

NAREL Sample #	QC Type	Yield (%)	± 2σ Uncertainty (%)	Analyst
A5.04976C		N/A		DPS
A5.04977D		N/A		DPS
A5.04978E		N/A		DPS
A5.04979F		N/A		DPS
A5.04980Y		N/A		DPS
A5.04980Y	DUP	N/A		DPS
A5.04981Z		N/A		DPS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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GAMMA ANALYSES
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PREPARATION BATCH SUMMARY

SAMPLES ANALYZED

NAREL Sample #	QC Type	Aliquot Size	Completion Date	Prep Batch
A5.04976C		1.15e+02 GDRY	10/13/2005	0010113P
A5.04977D		2.44e+02 GDRY	10/13/2005	0010113P
A5.04978E		1.34e+01 GASH	10/27/2005	0010151W
A5.04979F		4.06e+01 GDRY	10/13/2005	0010113P
A5.04980Y		7.39e+01 GDRY	10/13/2005	0010113P
A5.04980Y	DUP	7.39e+01 GDRY	10/14/2005	0010113P
A5.04981Z		7.54e+01 GDRY	10/13/2005	0010113P

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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DETECTOR REPORT

The following were used for samples in the SDG

GE02	10/12/2005 15:21	00495545C	A5.04976C
GE02	10/13/2005 12:52	00495560B	A5.04980Y
GE04	10/12/2005 15:22	00495548F	A5.04977D
GE04	10/26/2005 14:15	00496380D	A5.04978E
GE06	10/12/2005 15:23	00495554D	A5.04979F
GE07	10/12/2005 15:23	00495557G	A5.04980Y
GE09	10/12/2005 15:22	00495561C	A5.04981Z

The following were used for other samples in the QC batches

None found

Data Package Checklist

(Initials do not signify approval)

Reviewer	Initials	Date
MASB QA Officer		
NAREL QA Coordinator		
MASB Chief		

Project: KATRINA RESPONSE-MS SDG Number: #0500068

Date due: _____ Analysis: NAREL GAM-01

Type of Package: □ Data Summary Package □ Complete Package

Y	N	N/A		Comments
□	□	□	All samples in the SDG are reported	
□	□	□	All results are the ones intended	
□	□	□	Printed results match the raw data	
□	□	□	Error report forms are attached	
□	□	□	SDG Form is attached	
□	□	□	Analyst's checklist is attached	
□	□	□	Original prep batch forms are attached	
□	□	□	All supporting data sheets are attached	
□	□	□	All raw data sheets appear to be correct	
□	□	□	All handwritten notes are initialed and dated	
□	□	□	Package is arranged correctly	
□	□	□	Package appears to be complete	

Were holding times met? □ Yes □ No □ N/A

Were all QC results acceptable? □ Yes □ No

Are there any exceptions to report? □ Yes □ No

Prepared by: _____ _____

QAO Review

Y	N	N/A	
□	□	□	All QC failures are noted
□	□	□	Raw data look reasonable
□	□	□	All exceptions have been noted

Note: If changes to the case narrative are suggested, please provide the necessary language.

Comments: _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #0500068

Project: KATRINA RESPONSE-MS
Analysis Procedure: Gamma Spectrometry
Date Reported: 10/19/2005

SAMPLES

NAREL Sample #	Client Sample ID	Type	Matrix	Date Collected	Date Received
A5.04982A	CFMSF01	SAM	SOIL	10/06/2005	10/07/2005
A5.04983B	CFMSF02	SAM	SOIL	10/06/2005	10/07/2005
A5.04984C	CFMSF02S	SAM	SOIL	10/06/2005	10/07/2005
A5.04985D	CFMSF08	SAM	SOIL	10/06/2005	10/07/2005

EXCEPTIONS

1. Packaging and Shipping - No problems were observed.
2. Documentation - No problems were observed.
3. Sample Preparation - No problems were encountered.
4. Analysis - No problems were encountered.
5. Holding Times - All holding times were met.

QUALITY CONTROL

1. QC samples - All QC analysis results met NAREL acceptance criteria.
2. Instruments - Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Chief of the Monitoring and Analytical Services Branch and the NAREL Quality Assurance Coordinator, or their designees, as verified by the following signatures.

Mary F. Wisdom Date
Quality Assurance Coordinator

John Griggs, Ph.D. Date
Chief, Monitoring and Analytical Services Branch

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Reagent blank

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

EVALUATION OF QC ANALYSES

A reagent blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of reagent blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GAMMA ANALYSIS

The reporting format lists the gamma emitters in alphabetical order. The activity and 2-sigma uncertainty for radionuclides measured by gamma spectroscopy are reported only if the nuclide is detected. Nuclides that are not detected do not appear in the report, with the exception of Ba-140, Co-60, Cs-137, I-131, K-40, Ra-226 and Ra-228. If one of these seven nuclides is undetected, NAREL reports it as "Not Detected" or "ND", and provides a sample-specific estimate of the MDC.

Due to potential spectral interferences and other possible problems associated with the determination of the activity of certain radionuclides, the activities for Bi-214, Pb-214, Th-234, Pa-234m, Ra-226, Th-231, and U-235 are subject to greater possible uncertainty than other commonly reported radionuclides. It should be noted that this potential uncertainty is not included in the two-sigma counting uncertainty which is reported with each activity. Although in this report we do provide the calculated activities for these radionuclides, we recommend that the results be used only as a qualitative means of indicating the presence of these radionuclides and not as a quantitative measure of their concentration. The results for these nuclides are not used in the evaluation of quality control samples. Furthermore, because of mutual interference between Ra-226 and U-235, NAREL's gamma analysis software tends to overestimate the amounts of these nuclides whenever both are present in a sample. Lower estimates for Ra-226 activities can be obtained from the reported activities of its decay products, Pb-214 and Bi-214, which are likely to be somewhat less than the Ra-226 activity because of the potential escape of radon gas.

NAREL's gamma spectroscopy software corrects activities and MDCs for decay between collection and analysis, but only up to a limit of ten half-lives. So, if the decay time for a sample is more than ten half-lives of a radionuclide, that nuclide will almost always be undetected and the reported MDC will be meaningless. This is usually a problem only for short-lived radionuclides, such as I-131 and Ba-140, when there is a long delay between collection and analysis.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES
SDG #0500068

ANALYSIS SUMMARY

Analysis Procedure: NAREL GAM-01
Title: Gamma Spectrometry

NAREL Sample #	QC Type	Preparation Procedure	Date Completed	Prep Batch #	QC Batch #
A5.04982A		N/A	10/13/2005	0010113P	0003917T
A5.04983B		N/A	10/14/2005	0010113P	0003917T
A5.04984C		N/A	10/14/2005	0010113P	0003917T
A5.04985D		N/A	10/14/2005	0010113P	0003917T
A5.04985D	DUP	N/A	10/18/2005	0010113P	0003917T

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04982A	QC batch #:	0003917T
Matrix:	SOIL	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.510e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	91.12 %	Analyst:	DPS
Ash/dry weight:	N/A	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/13/2005 12:47	500.0	GE13	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.2e-01	PCI/GDRY	10/06/2005
Bi212		4.72e-01	2.3e-01		PCI/GDRY	10/06/2005
Bi214	*	8.24e-01	6.6e-02		PCI/GDRY	10/06/2005
Co60		ND		2.7e-02	PCI/GDRY	10/06/2005
Cs137		4.51e-02	1.3e-02		PCI/GDRY	10/06/2005
I131		ND		4.9e-02	PCI/GDRY	10/06/2005
K40		7.19e-01	2.2e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.1e+00	PCI/GDRY	10/06/2005
Pb212		4.28e-01	4.3e-02		PCI/GDRY	10/06/2005
Pb214	*	8.75e-01	6.5e-02		PCI/GDRY	10/06/2005
Ra223		1.41e-01	1.0e-01		PCI/GDRY	10/06/2005
Ra226	*	2.28e+00	4.1e-01		PCI/GDRY	10/06/2005
Ra228		4.61e-01	6.2e-02		PCI/GDRY	10/06/2005
Tl208		1.34e-01	2.1e-02		PCI/GDRY	10/06/2005
U235	*	1.42e-01	2.5e-02		PCI/GDRY	10/06/2005

* An asterisk indicates a result whose value may be significantly over or underestimated.

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GAMMA ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04983B	QC batch #:	0003917T
Matrix:	SOIL	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.560e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	77.88 %	Analyst:	DPS
Ash/dry weight:	N/A	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/13/2005 21:09	500.0	GE13	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.1e-01	PCI/GDRY	10/06/2005
Bi212		3.99e-01	2.2e-01		PCI/GDRY	10/06/2005
Bi214	*	5.10e-01	4.8e-02		PCI/GDRY	10/06/2005
Co60		ND		2.6e-02	PCI/GDRY	10/06/2005
Cs137		1.54e-01	2.0e-02		PCI/GDRY	10/06/2005
I131		ND		4.5e-02	PCI/GDRY	10/06/2005
K40		5.89e-01	2.1e-01		PCI/GDRY	10/06/2005
Pb210		ND		2.8e+00	PCI/GDRY	10/06/2005
Pb212		4.64e-01	4.6e-02		PCI/GDRY	10/06/2005
Pb214	*	5.45e-01	4.9e-02		PCI/GDRY	10/06/2005
Ra223		1.00e-01	1.0e-01		PCI/GDRY	10/06/2005
Ra224		3.93e-01	3.6e-01		PCI/GDRY	10/06/2005
Ra226	*	1.20e+00	3.5e-01		PCI/GDRY	10/06/2005
Ra228		4.67e-01	6.1e-02		PCI/GDRY	10/06/2005
Tl208		1.36e-01	2.1e-02		PCI/GDRY	10/06/2005
U235	*	7.54e-02	2.2e-02		PCI/GDRY	10/06/2005

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U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY
GAMMA ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04984C	QC batch #:	0003917T
Matrix:	SOIL	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.380e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	77.37 %	Analyst:	DPS
Ash/dry weight:	N/A	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/14/2005 05:32	500.0	GE13	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.5e-01	PCI/GDRY	10/06/2005
Bi212		3.29e-01	2.4e-01		PCI/GDRY	10/06/2005
Bi214	*	5.06e-01	5.2e-02		PCI/GDRY	10/06/2005
Co60		ND		2.8e-02	PCI/GDRY	10/06/2005
Cs137		1.56e-01	2.1e-02		PCI/GDRY	10/06/2005
I131		ND		5.1e-02	PCI/GDRY	10/06/2005
K40		8.68e-01	2.2e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.1e+00	PCI/GDRY	10/06/2005
Pb212		4.58e-01	4.7e-02		PCI/GDRY	10/06/2005
Pb214	*	5.59e-01	5.2e-02		PCI/GDRY	10/06/2005
Ra223		1.31e-01	9.8e-02		PCI/GDRY	10/06/2005
Ra226	*	1.13e+00	4.1e-01		PCI/GDRY	10/06/2005
Ra228		4.77e-01	6.6e-02		PCI/GDRY	10/06/2005
Tl208		1.33e-01	2.2e-02		PCI/GDRY	10/06/2005
U235	*	7.12e-02	2.6e-02		PCI/GDRY	10/06/2005

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GAMMA ANALYSES
SDG #0500068

SAMPLE ANALYSIS REPORT

Sample #:	A5.04985D	QC batch #:	0003917T
Matrix:	SOIL	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.230e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	93.22 %	Analyst:	DPS
Ash/dry weight:	N/A	QC type:	ANA

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/14/2005 13:55	500.0	GE13	NSS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		1.5e-01	PCI/GDRY	10/06/2005
Bi212		4.82e-01	2.9e-01		PCI/GDRY	10/06/2005
Bi214	*	4.57e-01	5.2e-02		PCI/GDRY	10/06/2005
Co60		ND		3.2e-02	PCI/GDRY	10/06/2005
Cs137		1.60e-02	1.3e-02		PCI/GDRY	10/06/2005
I131		ND		5.4e-02	PCI/GDRY	10/06/2005
K40		1.04e+00	2.8e-01		PCI/GDRY	10/06/2005
Pb210		ND		3.4e+00	PCI/GDRY	10/06/2005
Pb212		4.38e-01	4.9e-02		PCI/GDRY	10/06/2005
Pb214	*	5.17e-01	5.3e-02		PCI/GDRY	10/06/2005
Ra223		1.14e-01	1.1e-01		PCI/GDRY	10/06/2005
Ra226	*	8.91e-01	4.5e-01		PCI/GDRY	10/06/2005
Ra228		4.66e-01	6.9e-02		PCI/GDRY	10/06/2005
Tl208		1.38e-01	2.4e-02		PCI/GDRY	10/06/2005
U235	*	5.59e-02	2.8e-02		PCI/GDRY	10/06/2005

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GAMMA ANALYSES
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SAMPLE ANALYSIS REPORT

Sample #:	A5.04985D	QC batch #:	0003917T
Matrix:	SOIL	Prep batch #:	0010113P
Sample type:	SAM	Prep procedure:	N/A
Amount analyzed:	1.230e+02 GDRY	Analysis procedure:	NAREL GAM-01
Dry/wet weight:	93.22 %	Analyst:	DPS
Ash/dry weight:	N/A	QC type:	DUP

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
10/17/2005 15:10	1000.0	GE02	DPS

ANALYTICAL RESULTS

Analyte		Activity	± 2σ Uncertainty	MDC	Unit	Date
Ba140		ND		2.2e-01	PCI/GDRY	10/06/2005
Be7		2.12e-01	1.4e-01		PCI/GDRY	10/06/2005
Bi212		2.79e-01	2.6e-01		PCI/GDRY	10/06/2005
Bi214	*	4.26e-01	6.3e-02		PCI/GDRY	10/06/2005
Co60		ND		4.8e-02	PCI/GDRY	10/06/2005
Cs137		ND		4.2e-02	PCI/GDRY	10/06/2005
I131		ND		7.1e-02	PCI/GDRY	10/06/2005
K40		1.16e+00	3.6e-01		PCI/GDRY	10/06/2005
Pb210		ND		1.4e+00	PCI/GDRY	10/06/2005
Pb212		4.06e-01	4.4e-02		PCI/GDRY	10/06/2005
Pb214	*	5.25e-01	5.5e-02		PCI/GDRY	10/06/2005
Ra223		1.06e-01	7.6e-02		PCI/GDRY	10/06/2005
Ra226	*	1.07e+00	3.7e-01		PCI/GDRY	10/06/2005
Ra228		4.67e-01	7.2e-02		PCI/GDRY	10/06/2005
Th234	*	5.20e-01	2.6e-01		PCI/GDRY	10/06/2005
Tl208		1.37e-01	2.7e-02		PCI/GDRY	10/06/2005
U235	*	6.74e-02	2.3e-02		PCI/GDRY	10/06/2005

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GAMMA ANALYSES
SDG #0500068

QC BATCH SUMMARY

QC batch #: 0003917T
Preparation procedure: N/A
Analysis procedure: NAREL GAM-01

NAREL Sample #	QC Type	Yield (%)	± 2σ Uncertainty (%)	Analyst
A5.04982A		N/A		DPS
A5.04983B		N/A		DPS
A5.04984C		N/A		DPS
A5.04985D		N/A		DPS
A5.04985D	DUP	N/A		DPS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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GAMMA ANALYSES
SDG #0500068

PREPARATION BATCH SUMMARY

SAMPLES ANALYZED

NAREL Sample #	QC Type	Aliquot Size	Completion Date	Prep Batch
A5.04982A		1.51e+02 GDRY	10/13/2005	0010113P
A5.04983B		1.56e+02 GDRY	10/14/2005	0010113P
A5.04984C		1.38e+02 GDRY	10/14/2005	0010113P
A5.04985D		1.23e+02 GDRY	10/14/2005	0010113P
A5.04985D	DUP	1.23e+02 GDRY	10/18/2005	0010113P

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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GAMMA ANALYSES
SDG #0500068

DETECTOR REPORT

The following were used for samples in the SDG

GE02	10/17/2005 15:10	00495576K	A5.04985D
GE13	10/13/2005 12:47	00495564F	A5.04982A
GE13	10/13/2005 21:09	00495567J	A5.04983B
GE13	10/14/2005 05:32	00495570D	A5.04984C
GE13	10/14/2005 13:55	00495573G	A5.04985D

The following were used for other samples in the QC batches

None found