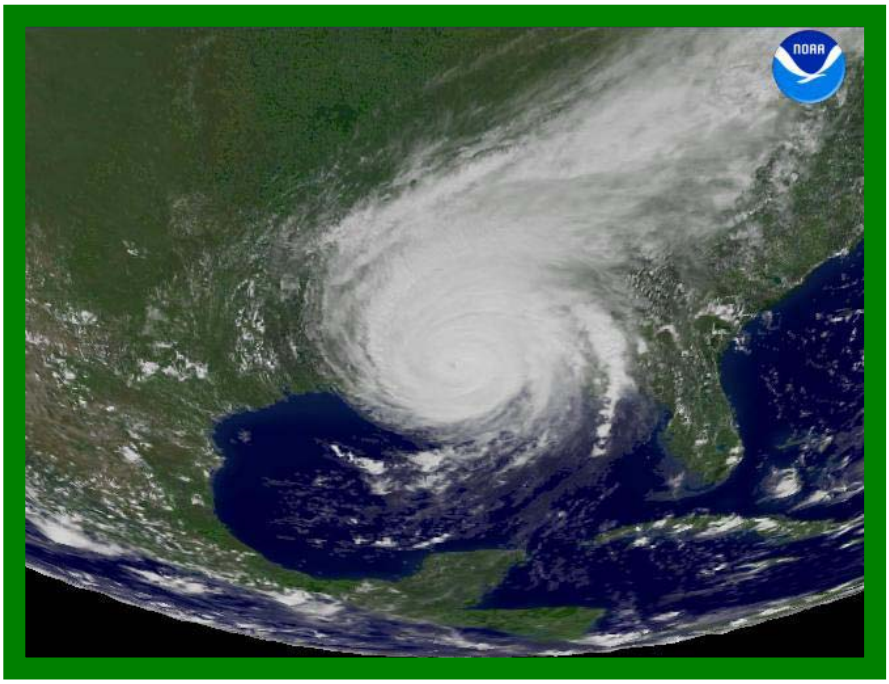
United States Environmental Protection Agency, Region 4



Report
Post-Katrina NPL and Non-NPL Superfund Site Evaluations
Southern and Coastal Alabama and Mississippi
October 2005

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TITLE AND APPROVAL SHEET

Title: Report, Post-Katrina NPL and Non-NPL Superfund Site Evaluations, Southern and Coastal Alabama and Mississippi, October 2005

The field investigation, sample collection and sample analysis reported herein is based on the Quality Assurance Project Plan, Post-Katrina NPL Site Evaluations, Southern and Coastal Alabama and Mississippi, October 2005, prepared according to:

EPA Requirements for Quality Assurance Project Plans (EPA QA/R5 EPA/240/B-01/003, U.S. Environmental Protection Agency, Office of Environmental Information, Washington, DC, March 2001 (USEPA, 2001).

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ACRONYMS

ADEM	Alabama Department of Environmental Management
ASB	Analytical Support Branch
ASBLOQAM	Analytical Support Branch Laboratory Operations and Quality Assurance Manual
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Contract Laboratory Program
COC	Contaminant of Concern
DQO	Data Quality Objective
EISOPQAM	Environmental Investigations Standard Operating Procedures and Quality Assurance Manual
GPS	Global Positioning System
HSO	Health and Safety Officer
HWSA	Hazardous and Solid Waste Amendments
IDW	Investigation Derived Waste
MDEQ	Mississippi Department of Environmental Quality
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
OSWER	Office of Solid Waste and Emergency Response
PCB	Polychlorinated Biphenyls
PRG	Preliminary Remediation Goal (Region 9, EPA)
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RPM	Remedial Project Manager
SAS	Special Analytical Services
SESD	Science and Ecosystem Support Division
SOW	Statement of Work
TIC	Tentatively Identified Compound
TSS	Technical Services Section, Region 4 Waste Management Division
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

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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. During the period from October 12 through October 14, 2005, personnel from the USEPA Region 4, Science and Ecosystem Support Division (SESD), Athens, Georgia, collected sediment, surface water and groundwater samples in the vicinity of nine National Priorities List (NPL) and two non-NPL Superfund sites in the potentially affected region to determine if storm-related releases occurred or, in the case of sites with operating remedial systems, make determinations as to the functionality of these systems. The locations of these sites are shown and identified in Figures 1 and 2 in Appendix A of this report. Actual sample locations are shown in Figures 3 through 12, also included in Appendix A. The analytical data are presented in Section 6 of this report.

EPA's conclusions regarding the potential impact of the hurricane on these sites are based on a comparison of post-hurricane data to existing soil and sediment clean-up values defined for the site, or available past sample data collected during remedial investigations or routine monitoring activities. In addition, the results were compared to EPA Region 9 Preliminary Remediation Goals (PRGs) and the Office of Water's 2004 National Recommended Water Quality Criteria (NRWQC) 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 risk-based concentrations based on long-term (i.e., 30-year) exposures to children and adults in a residential setting. The PRGs are intended to assist risk assessors and others in initial screening-level evaluations of environmental measurements. EPA Office of Water's 2004 NRWQC (available at: http://www.epa.gov/waterscience/criteria/wqcriteria.html) are a compilation of surface water quality criteria for the protection of aquatic life and human health for approximately 150 pollutants. 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. The NPL status is provided in the summary heading.

Olin-McIntosh Plant (NPL) (Figure 3, Appendix A)

The Olin-McIntosh plant is an active chemical facility that previously used mercury in its processes. Surface water and sediment samples were collected at two locations at the Olin-McIntosh plant and were analyzed for mercury and volatile organic compounds (VOCs).

Total mercury was detected in one sediment sample at 0.58 mg/kg, which is consistent with results obtained from the 1991-1992 sampling for the remedial investigation conducted at the site. 1,3-Dichlorobenzene was detected in the same sediment sample at 4 ug/kg. This level is well below the 140 mg/kg cleanup level set for the site and the risk-based Preliminary Remediation Goal (PRG) of 530 mg/kg. Mercury was detected in one surface water sample at a concentration of 0.21 ug/l. The detected concentration is below the National Recommended Water Quality Criteria (NRWQC) value of 0.77 ug/l, but above the State of Alabama standard

for protection of aquatic life of 0.012 ug/l. This sample, however, was not taken in a permanent body of water capable of sustaining aquatic life. Furthermore, the reported concentration is less than concentrations of mercury previously detected in surface water samples at the site.

Reported concentrations of site-related contaminants of concern are consistent with historical characterization data and no chemicals were found to exceed risk-based PRGs. Thus, EPA does not believe the site was impacted by Hurricane Katrina.

Ciba Geigy (NPL) (Figure 4, Appendix A)

Ciba-Geigy is an active chemical facility which, in the past, produced the pesticide, dichlorodiphenyl-trichloroethane (DDT). Sediment and surface water was sampled in the vicinity of the Ciba-Geigy facility's permitted National Pollutant Discharge Elimination System (NPDES) outfall. Additionally, a sample of the on-site permitted wastewater effluent was also collected. All samples were analyzed for diazinon and pesticide/PCB compounds.

The pesticide DDT, and its metabolites (i.e., breakdown products) DDD and DDE were detected in the sediment sample at 3.3 ug/kg, 4.4 ug/kg, and 7.1 ug/kg, respectively. None of the detected levels of DDT, DDD and DDE exceeded residential Preliminary Remediation Goals (PRGs). Likewise, the reported levels for diazinon were below its residential PRG of 55,000 ug/kg.

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

Stauffer-Cold Creek (NPL) (Figure 5, Appendix A)

The Stauffer-Cold Creek plant is an active chemical production facility, now owned and operated by Syngenta Crop Protection, Inc. Syngenta produces agricultural pesticide and herbicides, including thiocarbamates; thus, samples were analyzed for a suite of thiocarbamate herbicides, including Butylate (Sutan™), Molinate (Ordram™), Cycloate (Ro-Neet™), EPTC (Eptam™), Pebulate (Tillam™) and Vernolate (Vernam™). Four sediment samples were collected near the facility's National Pollutant Discharge Elimination System (NPDES) outfalls and were analyzed for six targeted thiocarbamate herbicides.

Five of the thiocarbamate herbicides were detected in three of the four samples. Detected concentrations of the thiocarbamate herbicides were below available residential Preliminary Remediation Goals (PRGs).

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

Stauffer-LeMoyne (NPL) (Figure 5, Appendix A)

The Stauffer-LeMoyne plant is an active chemical production facility. Past production at the plant included carbon tetrachloride, chlorine and caustic soda (sodium hydroxide). Two sediment samples were collected near the facility's National Pollutant Discharge Elimination System (NPDES) outfalls.

The samples were analyzed for total mercury, cyanide and volatile organic compounds (VOCs). Total mercury was detected at 0.87 mg/kg, which is below the residential Preliminary Remediation Goals (PRGs) for both total mercury (33 mg/kg) and methyl mercury (6.1 mg/kg).

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

Perdido Groundwater Contamination (NPL) (Figure 6, Appendix A)

The Perdido Groundwater Contamination Site is a 15-acre site with benzene contaminated groundwater caused by a 1965 train derailment. The remedy for the site includes a groundwater extraction and treatment system.

Two water samples, one of untreated groundwater and one of treated groundwater, were collected from the groundwater treatment system at the site. Both samples were analyzed for volatile organic compounds (VOCs). No VOCs were detected in either sample.

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

Redwing Carriers (Saraland Apartments) (NPL) (Figure 7, Appendix A)

From 1961 to 1971, Redwing Carriers, Inc., a trucking company, owned and operated the Saraland site as a terminal for cleaning, repairing and parking its fleet of trucks. The chemicals of concern for the site are polynuclear aromatic hydrocarbon compounds (PAHs), pesticides, herbicides and volatile organic compounds (VOCs). Two sediment samples were collected from ditches adjacent to and down gradient of the site.

Seven different PAHs were detected in the samples. The level of benzo[a]pyrene in one sample (150 ug/kg) exceeded the residential Preliminary Remediation Goal (PRG), but fell within a risk range of 1 in 1,000,000 to 1 in 10,000 risk of an individual developing cancer over a lifetime from exposure to those concentrations, which USEPA has found acceptable in other contexts. The levels of the other PAHs detected, as well as the levels of Dieldrin and DDE, were below residential PRGs.

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

American Creosote Works (NPL) (Figure 8, Appendix A)

The American Creosote Works site is a former wood treating facility that operated from 1912 until the late 1990s. Surface water and sediment samples were collected from two locations downstream of the site.

Numerous polynuclear aromatic hydrocarbon compounds (PAHs), were detected in the two sediment samples. The results are consistent with the results of previous samples collected at the site. Five site-related PAH compounds were also detected in the surface water samples, but all levels were less than 10 ug/l and below National Recommended Water Quality Criteria (NRWQC).

Based on the site history and the Remedial Project Manager's direct observations, the contamination observed and documented by this evaluation existed prior to Hurricane Katrina. There is, therefore, no indication that Hurricane Katrina had any adverse impact at the site.

Sonford Products (Non-NPL) (Figure 9, Appendix A)

From 1972 to 1975, Sonford Products and Sonford International operated at the site producing liquid formulations from solid pentachlorophenol. Contaminants of concern include pentachlorophenol, dioxin, arsenic, lead, toxaphene and lindane. This site is currently in progress for NPL listing, and contamination will addressed through the remedial process.

Three sediment samples were collected and analyzed for metals, extractable organic compounds, pesticide/PCBs and dioxins. Detections of lead in sediment samples were below residential screening values, however arsenic and benzo(a)pyrene exceeded residential 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 exposure to those concentrations, which EPA has found acceptable in other contexts.

The dioxin/furan analyses for these three sediment samples showed that detected concentrations were well within the range of reported levels from pre-hurricane sampling. Levels of pentachlorophenol were below residential PRGs.

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

Davis Timber (NPL) (Figure 10, Appendix A)

The Davis Timber Company site is a former timber processing and wood preserving facility operated by the Davis Timber Company from 1972 to the late 1980's. Sediment samples were collected at two locations downstream of the site and analyzed for semi-volatile organic compounds (SVOCs), dioxins and furans.

Low levels of polynuclear aromatic hydrocarbon compounds (PAHs), dioxins/furans and pentachlorophenol (PCP) were detected. The results are consistent with the results of previous samples collected at the site in 2004.

Since there does not appear to be any significant change in concentrations of site-related chemicals at the sampled locations, EPA does not believe the site was impacted by Hurricane Katrina.

Chemfax, Inc. (Non-NPL) (Figure 11, Appendix A)

Chemfax, Inc. operated from 1955 to 1995 and produced synthetic hydrocarbon resins and waxes from petroleum products.

Four sediment samples were collected across four transects of the Bernard Bayou at locations likely to have been impacted by a release from site. Acetophenone was the only extractable organic compound detected and was reported at a concentration of 96 ug/kg in one sample. This concentration is well below residential PRG soil screening values. Acetone was the only volatile organic compound identified in the four samples and was present at concentrations less than 20 ug/kg. Detected concentrations were below residential PRGs.

There is no indication of an adverse impact due to a release from the Chemfax, Inc. site associated with Hurricane Katrina. Reported concentrations are all below available risk-based soil screening levels for these analytes.

Picayune Wood Treating (NPL) (Figure 12, Appendix A)

The Picayune Wood Treating site had been used as a wood treating operation from approximately 1946 to 1999. Three sediment samples and one surface water sample were collected in the vicinity of the site and analyzed for semi-volatile organic compounds (SVOCs) including polynuclear aromatic hydrocarbons (PAHs).

PAHs were detected in sediment samples but not in surface water. The levels of PAHs detected in the sediment exceeded residential Preliminary Remediation Goals (PRGs) but fell within a risk range of 1 in 1,000,000 to 1 in 10,000 risk of an individual developing cancer over a lifetime from exposure to those concentrations, which EPA has found acceptable in other contexts.

Based on these sampling results, EPA does not believe the site was impacted by Hurricane Katrina.

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 period from October 12 through October 14, 2005, personnel from the USEPA Region 4, Science and Ecosystem Support Division (SESD) collected sediment, surface water and groundwater samples in the vicinity of nine National Priorities List (NPL) and two non-NPL Superfund sites in the potentially affected region to determine if storm-related releases occurred or, in the case of sites with operating remedial systems, make determinations as to the functionality of these systems. The investigation was conducted according to the Quality Assurance Project Plan, Post-Katrina Site Evaluations, Southern and Coastal Alabama and Mississippi, October 2005 and was requested by the Alabama Department of Environmental Management (ADEM), the Mississippi Department of Environmental Quality (MDEQ) and the USEPA, Region 4, Waste Management Division.

The Quality Assurance Project Plan (QAPP) for the investigation was developed by the United States Environmental Protection Agency (EPA), Region 4, in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA), of 1986 (EPA 1986). The EPA Guidance for Quality Assurance Project Plans (EPA QA/G-5, 1998) was followed during the development of this QAPP.

1.1 Background/Site Location

The locations of the eleven sites that were evaluated for this study are shown in **Figures 1 and 2**. **Figure 1** shows the locations of the south Alabama sites and **Figure 2** shows the locations of the sites in Mississippi.

1.2 Site Histories\Status Post Katrina

These facilities were selected because they are either located in areas where significant widespread damage occurred or are located in areas further inland where there is a degree of uncertainty regarding possible redistribution of known existing contamination in streams or where possible damage to operational aspects of the sites may have occurred. The following site histories and post-Katrina assessments have been provided by the responsible remedial project managers (RPMs) from the Region 4 Waste Management Division. The NPL status is provided in the heading of each site history.

Olin - McIntosh Plant, McIntosh, Alabama (NPL) (See Figure 3)

The Olin Corporation (McIntosh Plant) NPL Site is located approximately one mile east southeast of the town of McIntosh. McIntosh is located approximately 40 miles north of Mobile, Alabama. The McIntosh plant is an active chemical production facility. Olin produces chlorine, caustic soda, sodium hypochlorite and blends and stores hydrazide compounds at the facility. The plant occupies approximately 60 acres of the 1500 acres site.

Ciba Geigy, McIntosh, Alabama (NPL) (see Figure 4)

The Ciba-Geigy Corporation NPL Site is an active chemical facility that is located two miles northeast of McIntosh, Alabama, and encompasses approximately 1,500 acres. The facility, formerly owned by Geigy Chemical Corporation, began operations in October 1952, with the manufacture of one product, dichlorodiphenyl-trichloroethane (DDT). Ciba-Geigy expanded its McIntosh facilities by adding the production of fluorescent brighteners used in laundry products; herbicides; insecticides; and agricultural chelating agents for industry.

Stauffer Chemical - Cold Creek Plant (Syngenta), LeMoyne, Alabama (NPL) (see Figure 5)

The Stauffer Chemical (Cold Creek Plant) NPL Site is located approximately 25 miles north of Mobile, Alabama. The site is located adjacent to the Stauffer Chemical (LeMoyne Plant) NPL Site and shares two common operable units with that site. The Cold Creek plant is an active chemical production facility, now owned and operated by Syngenta Crop Protection, Inc. Syngenta produces agricultural pesticide and herbicides, including thiocarbamates at the site.

Stauffer Chemical - LeMoyne Plant (Akzo Nobel), LeMoyne, Alabama (NPL) (see Figure5)

The Stauffer Chemical (LeMoyne Plant) NPL Site is located approximately 25 miles north of Mobile, Alabama. The LeMoyne plant is an active chemical production facility owned by Akzo Nobel. Akzo Nobel produces multi-product organic and inorganic chemicals including carbon disulfide, sulfuric acid and Crystex®, a proprietary sulfur compound. Past production at the plant included carbon tetrachloride, chlorine and caustic soda (sodium hydroxide).

Perdido Groundwater Contamination, Perdido, Alabama (NPL) (see Figure 6)

The Perdido Groundwater Contamination NPL Site is a 15-acre site in the unincorporated community of Perdido, Baldwin County, Alabama. Perdido is located approximately 45 miles northeast of Mobile, Alabama. The site consists of a groundwater extraction and treatment system constructed to remediate a benzene groundwater contamination plume caused by a 1965 train derailment.

Redwing Carriers (Saraland Apartments), Saraland, Alabama (NPL) (see Figure 7)

The Redwing Carriers, Inc. (Saraland) NPL Site is located in Saraland, Mobile County, Alabama. Saraland is located approximately 12 miles north of Mobile, Alabama. The site is a 5.1 acre grass covered vacant lot. From 1961 to 1971, Redwing Carriers, Inc., a trucking company, owned and operated the site as a terminal for cleaning, repairing and parking its fleet of trucks. The firm transported a variety of substances, including asphalt, diesel fuel, chemicals and pesticides from local plants. During cleaning, untreated hazardous substances were released to the ground creating a tar-like sludge and contaminating site soils. The tar-like sludge is

composed predominately of polynuclear aromatic hydrocarbon compounds together with lesser amounts of pesticides, herbicides and volatile organic compounds.

American Creosote Works, Louisville, Mississippi (NPL) (see Figure 8)

The American Creosote Works NPL Site is a former wood treating facility located in Louisville, Mississippi. The site operated from 1912 until the late 1990s. The site is approximately 120 acres in size and is located in an industrial/commercial/residential area. South Railroad Avenue borders the Site to the east. Hughes Creek borders the Site to the west. Railroad Lake approximately 6.5 to 7.0 acres in area is located on the northern portion of the Site. A residential neighborhood borders Railroad Lake to the west and north.

Sonford Products, Flowood, Mississippi (Non-NPL) (see Figure 9)

Sonford Products is a 6 acre facility located at 3506 Payne Drive, Flowood, Rankin County, MS. From 1972 to 1975, Sonford Products and Sonford International operated at the site producing liquid formulations from solid pentachlorophenol. Various solvents and lindane were utilized. There is currently a small multi-family housing unit on-site with approximately 5 residents, including 2 children. Lacey's Digging Service also leases the site. Three Lacey employees work on-site fabricating concrete and fiberglass septic system. Extensive EPA sampling has shown high levels of contamination in soil, groundwater, surface water and sediments. Contaminants include: pentachlorophenol, dioxins, arsenic, lead, toxaphene and lindane.

Davis Timber, Hattiesburg, Mississippi (NPL) (see Figure 10)

The Davis Timber Company NPL Site is located on Jackson Road, approximately 6 miles northwest of Hattiesburg, Lamar County, Mississippi. The Site is a former timber processing and wood preserving facility, and was operated by the Davis Timber Company from 1972 to the late 1980's. Although it is located in a rural area, residential areas are located near the Site.

Chemfax, Inc., Gulfport, Mississippi (Non-NPL) (see Figure 11)

The Chemfax, Inc. Site is located in Gulfport, Harrison County, Mississippi. It occupies 11 acres and is bordered by Three Rivers Road to the east and by Creosote Road to the south. Located to the north is Bernard Bayou. The site is located within the southeast quadrant of the interchange where Highway 49 meets Interstate 10. Chemfax, Inc. was established in March, 1955 and produced synthetic hydrocarbon resins and waxes from petroleum products. The primary operation at the time business ceased in 1995 was a paraffin blending process in which different grades of paraffin wax were heated together to a liquid state, then blended.

Picayune Wood Treating, Picayune, Mississippi (NPL) (see Figure 12)

The Picayune Wood Treating Site is located at 403 Davis Street on a 31.5-acre parcel of land in Picayune, Pearl River County, Mississippi. Timber and lumber related operations began

in the early 1900's, but the wood treating operation most likely began around 1946. The Crosby Products Company pressure-treated yellow southern pine wood with preservative chemicals (creosote). In 1973, Wood Treating, Inc. purchased the facility and continued to pressure-treat wood until 1999. Residential, commercial, and industrial areas surround the Site.

2.0 SAMPLING/DATA QUALITY OBJECTIVES

2.1 Data Quality Objectives

The Data Quality Objectives (DQO) process for Superfund, in accordance with the Guidance for the DQO Process (EPA QA/G-4, 2000), was implemented in developing the QAPP for this investigation. 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 are 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. The seven steps in the DQO process 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 clearly 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. In addition to the storm surge flooding and wind damage in the landfall area of coastal Mississippi, additional flooding, due primarily to heavy rains, and lesser wind damage occurred along the coastal areas of Alabama and in further inland areas of both states. Within this potentially affected area are located the NPL and other Superfund sites in Section 1.2. Site visits by Region 4 RPMs indicated that many of the sites, particularly those located further inland, received little or no apparent damage. Although it is not thought that there were releases from these sites, confirmatory sampling was conducted to determine if there were any significant post-Katrina impacts, either from releases, re-distribution of contaminants or loss of functionality of operating remedial systems. The problem is identifying whether or not releases have occurred from the candidate sites, identifying whether existing, known environmental contamination associated with the sites has been re-distributed and, where operating remedial systems are present, determining that these systems are performing as designed and constructed.

2.1.2 Identify the Decision(s)

The purpose of this DQO step is to identify the decisions that must be supported with the collected data. They will help define the objectives of the field investigation. The first decision is to determine if environmental conditions, with respect to established lists of COCs for each site or facility, are significantly changed from historically established levels, due to either releases or re-distribution of contaminants, warranting additional characterization and assessment. Another decision is to determine if operating remedial systems require repair or maintenance to restore them to design specifications and performance. To provide the supporting data for this decision, SESD collected samples and photographed prescribed locations at each facility/site. The analytical results for the samples collected for this investigation and the observations made by each sample team are included in this report.

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 decision are sediment, surface water and groundwater samples. All media were not sampled at each facility. Analytical results used in the decision making process are definitive laboratory data, obtained from analysis by a contract laboratory obtained through the EPA's Contract Laboratory Program (CLP lab) or a Special Analytical Services (SAS) procurement. Samples from each facility or site were analyzed for a tailored list of analytes based on the list of COCs provided by the RPM. **Table 1** contains a list of the facilities that were sampled, a description of the samples that were collected, the rationale supporting selection of the sample and the analytes of concern for each sample.

Sediment and surface water samples were collected from ditches, streams or other surface water conveyances in the vicinity of previously sampled locations for which there is historical data, if available. Groundwater samples were collected directly from the groundwater treatment system influent and effluent points at the Perdido Groundwater Contamination site. **Figures 3 – 12**, **Appendix A** show the locations that were sampled for this evaluation.

2.1.4 Study Boundaries

The purpose of this step is to identify the boundaries of the study. The primary media of interest are sediments and surface water on or near the candidate facilities or sites. Groundwater samples were collected at the Perdido Groundwater site only. The study boundaries are defined below.

Study Area – The study area is the portions of coastal and southern Alabama and Mississippi impacted by flooding and wind damage associated with Hurricane Katrina. Within the larger study area are the selected facilities and sites. For each of the identified sites, the area that was investigated consisted of sediments and surface water, if present, on or near the sites, including ditches or storm water conveyances that may be present. For the operating facilities (Olin, Ciba Geigy, Stauffer-Cold Creek and Stauffer-LeMoyne), NPDES compliance points have

been designated by the RPM as sample locations for this evaluation. The exception to this study area designation was the Perdido Groundwater Contamination site.

Sample Depth – Sediment samples were collected with a stainless steel scoop affixed to a length of conduit or, if conditions allowed, stainless steel spoons. Samples collected with these methods were generally comprised of sediment from the interval from the sediment surface to a depth of about six inches. Surface water samples were collected by either collecting the sample directly into the container while wading or by using a stainless steel scoop affixed to a length of conduit, where wading was not possible. The surface water samples were generally comprised of water within the top one foot of water column in the stream or conveyance.

Temporal Boundaries – The field investigation was conducted during the period of October 12 through October 14, 2005. Seven day turnaround on the analytical results was requested to expedite decision making.

2.1.5 Decision Rule

This report incorporates final released data. The Technical Services Section, in consultation with the appropriate Waste Management Division personnel, has reviewed this data, included in Section 6 of the report. Using this data and historical data and observations provided by the RPMS, determinations were made for each site or facility as to whether or not there appear to be significant changes in observed COC concentrations at the sampled locations.

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 Region 4 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, November 2001 (EISOPQAM) while analytical procedures followed the current CLP SOW, the regional Special Analytical Services SOW's for dioxins and, for the herbicide analyses, regionally approved methods.

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 are identified. The QAPP by which the investigation was conducted was developed based on input from site RPMs. Each site was visited as soon as conditions allowed for travel in the affected areas. Based on observations at each site, the responsible RPM has made recommendations as to the scope of work needed to meet the investigation objectives.

Samples were collected on an authoritative basis from locations in drainage pathways, such as NPDES outfalls, ditches, creeks and streams. Sample locations are presented in **Table 1** and **Figures 3 through 12, Appendix A.**

Table 1
Sample Location, Description, Rationale and Analytes
Post-Katrina NPL and Non-NPL Superfund Site Evaluations
Southern and Gulf Coastal Alabama and Mississippi

Site	Sample ID	Location/Description	Type[1]	Rationale	Analytes[2]
Olin-McIntosh	OM01SW	Surface water sample from discharge point DSN003	G	Compare to historical data for impact evaluation	A; D
	OM01SD	Sediment sample from discharge point DSN003	G	Compare to historical data for impact evaluation	A; D
	OM02SW	Surface water sample from discharge point DSN004	G	Compare to historical data for impact evaluation	A; D
	OM02SD	Sediment sample from discharge point DSN004	G	Compare to historical data for impact evaluation	A; D
Stauffer-Lemoyne (Akzo Nobel)	SL01SD	Sediment sample from discharge point DSN004	G	Compare to historical data for impact evaluation	A; D; E
	SL02SD	Sediment sample from discharge point DSN012	G	Compare to historical data for impact evaluation	A; D; E
Stauffer-Cold Creek (Syngenta)	SC01SD	Sediment sample from discharge point DSN002	G	Compare to historical data for impact evaluation	G
	SC02SD	Sediment sample from discharge point DSN003	G	Compare to historical data for impact evaluation	G
	SC03SD	Sediment sample from discharge point DSN004	G	Compare to historical data for impact evaluation	G
	SC04SD	Sediment sample from discharge point DSN005	G	Compare to historical data for impact evaluation	G
Redwing Carriers	RC01SD	Sediment sample from ditch upstream (west) of southern border of site	G	Compare to historical data for impact evaluation	B; C; H
	RC02SD	Sediment sample from ditch on south side of drive from Hwy 43 back to site (north of Rambo's Skateland)	G	Compare to historical data for impact evaluation	B; C; H

Perdido GW	PG01GW	Influent to air stripper	G	Sample of groundwater, pre-treatment	A
	PG02GW	Effluent from air stripper	G	Sample will be used to determine if air stripper is functioning as designed	A
Picayune Wood Treating	PW01SD	Sediment sample from Mill Creek downstream of site (01SD)	G	Compare to historical data for impact evaluation	B
	PW02SD	Sediment sample from site boundary, Mill Creek (02SD)	G	Compare to historical data for impact evaluation	B
	PW02SW	Surface water sample from site boundary, Mill Creek (02SW)	G	Compare to historical data for impact evaluation	B
	PW03SD	Sediment sample, southwest corner of site, Mill Creek (03SD)	G	Compare to historical data for impact evaluation	B
Davis Timber	DT01SD	Sediment sample from stream, downstream and east of site (T02)	C	Compare to historical data for impact evaluation	B; F
	DT02SD	Far downstream sediment sample from stream, west of residential area and golf course (SD11)	C	Compare to historical data for impact evaluation	B; F

American Creosote	AC01SW	Surface water sample immediately upstream of Baremore St.(SD07)	G	Compare to historical data for impact evaluation	B
	AC01SD	Sediment sample immediately upstream of Baremore St.(SD07)	G	Compare to historical data for impact evaluation	B
	AC02SW	Surface water sample immediately upstream of Hwy 15(SD09)	G	Compare to historical data for impact evaluation	B
	AC02SD	Surface water sample immediately upstream of Hwy 15(SD09)	G	Compare to historical data for impact evaluation	B
Ciba Geigy	CG01SW	Surface water sample at NPDES outfall at river	G	Compare to historical data for impact evaluation	B
	CG01SD	Sediment sample at NPDES outfall at river	G	Compare to historical data for impact evaluation	B
	CG02SW	Wastewater sample from permitted wastewater discharge before pipe to river outfall	G	Compare to historical data for impact evaluation	B
Chemfax, Inc.	CF01SD	Bernard Bayou, 100 ft upstream of railroad trestle; three point composite across channel (RI station number 222)	C	Control sample; Bernard Bayou is an industrial channel; needed to properly evaluate CF02SD, CF03SD and CF04SD; Compare to historical data for impact evaluation	A; B
	CF02SD	Bernard Bayou, immediately below railroad trestle (RI station number 223)	C	Compare to historical data for impact evaluation	A; B

	CF03SD	Bernard Bayou, immediately below Three Rivers Road bridge (RI station number224)	C	Compare to historical data for impact evaluation	A; B
	CF04SD	Bernard Bayou, 150 feet below Three Rivers Road bridge (RI station number 225)	C	Compare to historical data for impact evaluation	A; B
Sonford Products	SP01SW	Surface water sample, ditch downstream from site (04SW)	G	Compare to historical data for impact evaluation	B; D
	SP01SD	Sediment sample, ditch downstream from site (04SD)	G	Compare to historical data for impact evaluation	B; D, F
	SP02SD	Sediment sample downstream from SP01	G	Compare to SP01SD to evaluate impact	B; D, F
	SP03SD	Sediment sample downstream from SP02	G	Compare to SP01SD to evaluate impact	B; D, F

Notes:

1 – C is composite sample; G is grab sample

2 – Analytes: A – Volatile Organic Compounds
B – Extractable Organic Compounds
C – Pesticides/PCBs
D – Metals
E – Cyanide
F – Dioxin
G – Carbamate herbicides
H – Herbicides

3.0 INVESTIGATION MANAGEMENT PLAN

3.1 Field Project Responsibilities

The overall project lead was the responsibility of Don Hunter, SESD. Athens, Georgia. Mr. Hunter was responsible for the following field activities:

- Ensuring that all field activities were conducted in accordance with the project QAPP.
- 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.
- Coordinating sample analyses with the laboratories.

The site Health and Safety Officer (HSO), Art Masters, was responsible for monitoring the health and safety of the sampling/investigative personnel.

The following is a list of the personnel that were involved in the field operations for the Katrina Response NPL Site evaluations and their responsibilities:

- Stacey Box, Field Team Leader, Sampler
- Art Masters, HSO, Field Team Leader, Sampler
- Brian Striggow, Field Team Leader, Sampler
- Marty Allen, Sampler
- Mike Crowe, ESAT Contract Support for Sample Processing and Shipment
- Brian Herndon, ESAT Contract Support for Sample Processing and Shipment

All field investigators had the required 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 EISOPQAM.

3.2 Site Control and Access

Access for Olin, Stauffer-Lemoyne, Stauffer-Cold Creek, Perdido Groundwater Contamination, Redwing Carriers and Ciba Geigy were arranged by the RPM for each of the sites. All other sites were either public access or were EPA Fund-Lead sites and formal access was not required.

3.3 Sample Collection and Handling Procedures

All samples were collected, containerized, preserved, handled, and documented in accordance with the Region 4 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, November 2001 (EISOPQAM). All deviations from the QAPP,

with respect to sample collection and handling, were discussed with the Project Leader and were documented in the field records for the investigation.

Sediment samples were collected at the selected locations using stainless steel scoops and/or stainless steel spoons. The sampled depths varied between several inches to up to 6 to 8 inches. Sediment samples were collected as grab samples except for two sites, the Chemfax and Davis Timber site, where composite samples were collected. Three-point composites, at quarter-points across the Bernard Bayou, were collected at the Chemfax, Inc. site. At the Davis Timber site, three-point composites were collected at the accessible locations from the bank.

Sediment samples were collected, as described in **Section 2.1.3 and Section 2.1.4**. Where composite samples were collected, the aliquots were thoroughly mixed in glass pans. Samples for volatile organic compound analyses, where targeted, 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.

Surface water samples were collected either directly into the sample containers from the bank or while wading or were collected in stainless steel scoops and transferred to the sample containers.

3.4 Sample Analysis and Validation

Samples from each site were analyzed for the analytes or constituents listed in Table 1. One hundred percent completion was achieved with respect to analysis of samples collected for this investigation. Using sampling and analytical procedures as outlined in the Region 4 EISOPQAM and the Region 4 ASBLOQAM, 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. 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 seals were dated and initialed by the sample custodian.

3.5.3 Chain-of-Custody Record

A field Chain-Of-Custody Record was used to record the collection and custody of all samples collected for this investigation. These records accompanied the samples during their shipment to the laboratories, allowing transfer of custody of samples from the sampler/sample custodian to the designated sample custodian at each laboratory.

3.6 Station and Sample Identification

Sample identification numbers were assigned using the following format:

XX##YYZ, where:

- XX is a unique identifier for the facility or site (see Table 1);
- ## indicates a sequential number assigned to each site;
- YY indicates the media being sampled: “SD” is sediment, “SW” is surface water and “GW” is groundwater;
- Z identifies splits: “S” is split;

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.

3.7 Site Mapping

The locations of all samples were logged using a GPS capable of one meter accuracy. For composite sample locations, only the center aliquot was located. Shape files for these locations were used to generate the sample location figures included in Appendix A.

3.8 Investigation Derived Waste (IDW)

The following identifies types of investigation derived waste (IDW) that was generated during the investigation and their disposition:

- Gloves, paper towels, aluminum foil and plastic wrapping from the sampling equipment and other miscellaneous trash generated during the investigation was bagged and placed in a dumpster for disposal at a Class D landfill

3.9 Sample Containers

Sample containers for samples were obtained from the SESD Field Equipment Center in Athens, Georgia. These containers comply with the requirements specified in Appendix A of the EISOPQAM. Tables 2 and 3 lists the container types and numbers used for each analyte group, by media. Containers listed in split column are in addition to the containers comprising the regular sample. Containers listed in the MS/MSD column are total containers for the regular sample designated as the MS/MSD sample.

Table 2, Sample Containers, Sediment Samples

Analytes	Containers	Splits	MS/MSD	Holding Times
Metals/Cyanide	1 8oz. glass	1 8oz. glass	2 8oz. glass	180 days
VOCs	3 EnCore™	3 EnCore™	9 EnCore™	48 hours
Semi-Volatiles, Pesticides/PCBs	1 8oz. glass	1 8oz. glass	2 8 oz. glass	14 days
Herbicides	1 8oz. glass	1 8oz. glass	1 8oz. glass	14 days
Dioxins	1 8oz. glass	1 8oz. glass	N/A	30 days

Table 3, Sample Containers, Surface Water and Groundwater Samples

Analytes	Containers	Splits	MS/MSD	Holding Times
Metals	1 1-liter plastic	1 1-liter plastic	2 1-liter plastic	180 days
Cyanide	1 1-liter plastic	1 1-liter plastic	2 1-liter plastic	28 days
VOCs	2 40-mil VOA vials	2 40-mil VOA vials	6 40-mil VOA vials	14 days
Semi-Volatiles, Pesticides/PCBs	4 1-liter amber	4 1-liter amber	8 1-liter amber	14 days
Herbicides	2 1-liter amber	2 1-liter amber	6 1-liter amber	14 days

4.0 SAMPLING DESIGN AND RATIONALE

Sediment, surface water and groundwater samples were collected during this field investigation. Analysis of these samples will aid in determining if site conditions have changed from what has been historically determined (see **Section 2.1.5**). Additionally, sample results were used to determine if the groundwater treatment system at the Perdido Groundwater Contamination site is operating as designed.

4.1 Sampling Design

Eleven Superfund sites, nine NPL and two non-NPL, were targeted for this evaluation. The scope of work varied for each site and is based on an assessment of site conditions determined by the RPM for each site during immediate post-Katrina site visits. Except for the Perdido Groundwater Contamination site, where only groundwater samples from the treatment system were collected, the scope of work at each site generally consisted of the collection of two to four sediment and surface water samples (where surface water was present) from existing monitoring locations, including permitted NPDES discharge points. To the extent possible, these samples were collected from locations previously sampled during remedial investigations or other characterization activities.

4.2 Data Validation/Usability

The data generated from the split and duplicate samples was validated in accordance with the Region 4 Analytical Support Branch Laboratory Operations and Quality Assurance Manual, November 2004 (ASBLOQAM).

Analyses for metals, cyanide, VOCs, semi-volatiles, pesticides and PCBs were performed by CLP laboratories. This data was validated according to the National Functional Guidelines for Organic Data Review, 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, herbicide and carbamate analysis were performed by laboratories contracted by EPA. Validation of the dioxin data was 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 C-O-Cs, 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.

Data for herbicides and thiocarbamate herbicides was reviewed and validated against the standard operating procedures and quality management plan requirements of the performing laboratory. Data qualification decisions were made in accordance with the National Functional Guidelines for Organic Data Review.

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 project leader has overall responsibility for field QA. Off-site laboratory analyses for samples collected during the investigation were conducted by the CLP laboratories under the current CLP Statement of Work. The precision, comparability and accuracy of sample analyses were determined in accordance with the 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, or MS/MSD) were designated as specified in the EISOPQAM. Because each site was booked separately for analyses, one MS/MSD sample was designated for each site

5.2.2 Population Variability - Duplicate Samples

Because of the small number of samples to be collected at each site, the media that are being collected and the nature of the investigation, variability duplicates were deemed as not appropriate or warranted for this investigation. No duplicates, therefore, were collected for this investigation.

5.2.3 Sample Handling - On-Site Splits

Four splits were collected, one each at four of the eleven sites/facilities sampled for this investigation. These samples, collected at fifteen percent of the sample locations, were used to assess sample handling variability. This number exceeds the 10 percent specified in the QAPP. The split sample results for the four split samples are included in the data presentation in Section 6 and are included as part of the data in the complete data appended to this report. The split sample results were generally consistent at each of the split sample locations and were within anticipated limits for the media sampled.

6.0 INVESTIGATION RESULTS

The following sections summarize the results of analysis of samples collected at the eleven facilities or sites selected for the Post-Katrina NPL and Non-NPL Superfund site evaluations. Figures 3 through 12, contained in Appendix A of this document, show the locations of these samples. Analytical data summaries, based on a summary of detected analytes or compounds, are provided below and at the end of this section for each facility. The complete data, included in Appendix B of this report, contain the detected compounds as well as those analyzed for but not detected, with the minimum quantitation limits, i.e., reporting limits, for the undetected compounds and analytes.

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

J	*Identification of analyte is acceptable; reported value 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.*
C	*Confirmed by GC/MS*
A	*Analyte analyzed in replicate. Reported value is "average" of replicates*
U	*Analyte not detected at or above reporting limit.*
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.*
NR	*Not reported.*

6.1 Olin-McIntosh Plant (NPL)

Sediment and surface water samples were collected at two locations, OM01 and OM02, shown on Figure 3, and were analyzed for volatile organic compounds and mercury. The results are summarized below.

Mercury, Sediments:

Analyte	*Units*	*OM01SD*	*OM02SD*
Mercury	mg/kg	*0.82 U*	0.58

Mercury, Surface Water:

Analyte	*Units*	*OM01SW*	*OM02SW*
Mercury	ug/l	*0.20 U*	0.21

Volatile Organic Compounds, Sediment:

Analyte	*Units*	*OM01SD*	*OM02SD*
1,3-dichlorobenzene	ug/kg	*16 U*	4 J
Petroleum Product	ug/kg	N	*NR*
Unknown	ug/kg	13 J	*NR*

Volatile Organic Compounds, Surface Water: No volatile organic compounds were detected in either of the surface water samples collected for the Olin-McIntosh Plant evaluation.

6.2 Ciba Geigy (NPL)

A sediment and surface water sample was collected at location CG01, shown on Figure 4. In addition, a sample of the facility's permitted wastewater discharge was collected from a point within the plant boundaries. This point, identified as CG02SW, is also shown on Figure 4. Samples from both locations were analyzed for pesticides/PCBs and diazinon. Samples CG01SDS and CG01SWS are the split samples from station CG01. The results are summarized below:

Diazinon, Sediment:

Analyte	*Units*	*CG01SD*	*CG01SDS*
Diazinon	ug/kg	*1300 UR*	*1300 UR*

Diazinon, Surface Water (01SW) and Wastewater (02SW):

Analyte	*Units*	*CG01SW*	*CG01SWS*	*CG02SW*
Diazinon	ug/l	*0.62 UR*	*0.62 UR*	4.2 NJ

Pesticide/PCB Compounds, Sediment:

Analyte	*Units*	*CG01SD*	*CG01SDS*
4,4,4'-DDD	ug/kg	4.4 J	5.0
4,4,4'-DDE	ug/kg	7.1	6.8
4,4,4-DDT	ug/kg	3.3 J	20

Pesticide/PCB Compounds, Surface Water (01SW) and Wastewater (02SW):

Analyte	*Units*	*CG01SW*	*CG01SWS*	*CG02SW*
Delta-BHC	ug/l	*0.050 U*	*0.050 U*	0.045 J
Aldrin	ug/l	*0.050 U*	*0.050 U*	1.0

6.3 Stauffer-Cold Creek (Syngenta) (NPL)

Four sediment samples were collected at the locations shown on Figure 5. Because no water was present at the time of sampling, surface water samples, which were planned at these locations, were not collected. All samples were analyzed for a suite of thiocarbamate herbicides, including Butylate (Sutan™), Molinate (Ordram™), Cycloate (Ro-Neet™), EPTC (Eptam™), Pebulate (Tillam™) and Vernolate (Vernam™).

The following is an analytical data summary of the thiocarbamate herbicides detected in the four samples:

Thiocarbamate Herbicides, Sediment:

Analyte	*Units*	*SC01SD*	*SC02SD*	*SC03SD*	*SC04SD*
Vernolate	ug/kg	*1000 UR*	650 CJ	670 CJ	*630 UR*
EPTC	ug/kg	*1000 U*	1500 C	1300 C	300 CJA
Cycloate	ug/kg	*1000 U*	1300 C	630 CJ	*1000 U*
Butylate	ug/kg	*1000 U*	2600 C	6800 C	1400 CJA
Pebulate	ug/kg	*1000U*	340 CJ	290 CJ	*1000 U*
Molinate	ug/kg	*R*	*R*	*R*	*R*

6.4 Stauffer-LeMoyne (Akzo Nobel) (NPL)

Sediment samples were collected from two locations, SL01 and SL02, shown on Figure 5. Because no water was present at the time of sampling, surface water samples, which were planned at these locations, were not collected. The samples were analyzed for total mercury, cyanide and volatile organic compounds. The results are summarized below.

Mercury and Cyanide, Sediment:

Analyte	*Units*	*SL01SD*	*SL02SD*
Total Mercury	mg/kg	0.87 J	*0.60 UJ*
Cyanide	mg/kg	*1.6 U*	*1.5 U*

Volatile Organic Compounds, Sediment:

Analyte	*Units*	*SL01SD*	*SL02SD*
Acetone	ug/kg	*12 U*	47 J
Toluene	ug/kg	*12 U*	20
Dimethyl sulfide	ug/kg	*12 U*	12 NJ
Petroleum Product	ug/kg	N	N
Unknown	ug/kg	*NR*	7 J
3 Unknowns	ug/kg	38 J	*NR*

6.5 Perdido Groundwater Contamination (NPL)

Two water samples, PG01 and PG02, were collected from the groundwater treatment system influent and effluent lines, respectively, at the Perdido Groundwater Contamination groundwater treatment system, the location of which is shown on Figure 6. Both samples were analyzed for volatile organic compounds. No volatile organic compounds were detected in either of the samples.

6.6 Redwing Carriers (Saraland Apartments) (NPL)

Two sediment samples were collected from ditches adjacent to the Redwing Carriers site. The locations are shown on Figure 7. Because no water was present at the time of sampling, surface water samples, which were planned, were not collected at these locations. The samples were analyzed for extractable organic compounds, pesticides/PCBs and the herbicide Vernolate (Vernam™). The following are analytical data summaries of the extractable organic compound and pesticide/PCB compound analyses for these samples. No Vernalate was detected in either sample with reporting limits of 980UR ug/kg and 700UR ug/kg, for samples RC01SD and RC02SD, respectively.

Extractable Organic Compounds, Sediment:

Analyte	*Units*	*RC01SD*	*RC02SD*
Benzo(a)fluoranthene	ug/kg	150 J	*490 UR*
Benzo(b)fluoranthene	ug/kg	260 J	110
Benzo(k)fluoranthene	ug/kg	290 J	100
Benzo-a-pyrene	ug/kg	150 J	*490 U*
Chrysene	ug/kg	310 J	100 J
Fluoranthene	ug/kg	310 J	130 J
Pyrene	ug/kg	410 J	130 J

Pesticide/PCB Compounds, Sediment:

Analyte	*Units*	*RC01SD*	*RC02SD*
4,4,4'-DDE	ug/kg	2.3 J	*4.9 U*
Dieldrin	ug/kg	4.1 J	2.1 NJ
Gamma-chlordane /2	ug/kg	9.1	*2.5 U*

6.7 American Creosote Works (NPL)

Surface water and sediment samples were collected from two locations, AC01 and AC02, as shown on Figure 8, and were analyzed for extractable organic compounds. The extractable organic compound analytical data summary tables are included as Table 6.1 (sediment summary) and Table 6.2 (surface water summary) at the end of Section 6. Samples AC01SDS and AC01SWS are the split samples of sediment and surface water collected at location AC01. Numerous miscellaneous extractable organic compounds (TICs) were detected in these samples and the results are included with the complete data appended to this report.

6.8 Sonford Products (Non-NPL)

Sediment samples were collected at three locations, SP01, SP02 and SP03, as shown on Figure 9. In addition to the sediment sample collected at location SP01, a surface water sample was also collected at that location. All samples were analyzed for metals, extractable organic compounds, pesticide/PCBs and dioxins, except for the surface water sample, which was not

analyzed for dioxins. The metals results, for both sediment and surface water samples, are summarized below. Also summarized are the extractable organic compound and pesticide/PCB sediment results. Numerous miscellaneous extractable organic compounds (TICs) were reported and are included with the complete data appended to the report but are not summarized below. No pesticide/PCB compounds and only trace detections of miscellaneous extractable organic compounds (TICs) were reported for the surface water sample. These results are also included in the complete data appended to the report. The dioxin results are summarized in Table 6.3 at the end of Section 6.

Lead and Arsenic, Sediment:

Analyte	*Units*	*SP01SD*	*SP02SD*	*SP03SD*
Lead	mg/kg	20	150	62
Arsenic	mg/kg	1.4 J	4.1	2.9

Lead and Arsenic, Surface Water:

Analyte	*Units*	*SP01SW*
Lead	ug/l	9.3 J
Arsenic	ug/l	*10 U*

Extractable Organic Compounds, Sediment:

Analyte	*Units*	*SP01SD*	*SP02SD*	*SP03SD*
Benzo(b)fluoranthene	ug/kg	*490 U*	380 J	*490 U*
Benzo(k)fluoranthene	ug/kg	*490 U*	330 J	*490 U*
Benzo-a-pyrene	ug/kg	*490 U*	240 J	*490 U*
Bis(2-ethylhexyl)phthalate	ug/kg	*490 U*	340 J	*490 U*
Chrysene	ug/kg	*490 U*	310 J	*490 U*
Fluoranthene	ug/kg	*490 U*	350 J	*490 U*
Indeno(1,2,3-cd)pyrene	ug/kg	*490 U*	230 J	*490 U*
Pentachlorophenol	ug/kg	*1200 U*	*2600U*	*1200 U*
Pyrene	ug/kg	*490 U*	390 J	*490 U*

Pesticide/PCB Compounds, Sediment:

Analyte	*Units*	*SP01SD*	*SP02SD*	*SP03SD*
Beta-BHC	ug/kg	1.6 NJ	9.8	*2.5 U*
Delta-BHC	ug/kg	1.2 J	11	*2.5 U*
Gamma-BHC (Lindane)	ug/kg	*2.5 U*	3 NJ	*2.5 U*
Dieldrin	ug/kg	1.3 J	18	2.2 J
4,4,4'-DDE	ug/kg	*4.9 U*	10 J	1.2 NJ
Alpha-Chlordane /2	ug/kg	*2.5 U*	2.4 J	*2.5 U*

6.9 Davis Timber (NPL)

Sediment samples were collected at two locations, DT01 and DT02, as shown on Figure 10. Because of dry conditions, surface water samples, which were planned, were not collected at these locations. Both samples were analyzed for extractable organic compounds and dioxins. Sample DT01SDS is the split sample at station DT01SD. The extractable organic analytical results are summarized below. The miscellaneous extractable organic compound (TIC) data are not summarized but can be found in the complete data appended to this report. The dioxin results are summarized in Table 6.4 at the end of Section 6.

Extractable Organic Compounds, Sediment:

Analyte	*Units*	*DT01SD*	*DT01SDS*	*DT02SD*
Pentachlorophenol	ug/kg	880	450 J	*940 U*
Chrysene	ug/kg	84 J	75 J	*380 U*
Fluoranthene	ug/kg	80 J	*340 U*	*380 U*
Pyrene	ug/kg	78 J	76 J	*380 U*

6.10 Chemfax, Inc. (Non-NPL)

Sediment samples were collected at four locations in Bernard Bayou, as shown on Figure 11. All samples were analyzed for volatile and extractable organic compounds. Sample CF04SDS is the split of the sample collected at location CF04SD.

Extractable Organic Compounds, Sediment:

Acetophenone, detected at an estimated concentration of 96 ug/kg, in sample CF04SD, was the only extractable organic compound detected in the samples collected at this site. Several miscellaneous extractable compounds (TICs) and unknown compounds were detected at generally low concentrations in samples from each of the four stations. These results are included in the complete data appended to the report. The VOC results are summarized below.

Volatile Organic Compounds, Sediment:

Analyte	*Units*	*CF01SD*	*CF02SD*	*CF03SD*	*CF04SD*	*CF04SDS*
Acetone	ug/kg	19 J	12 J	*11 UJ*	10 J	11 J
Unknown	ug/kg	6 J	6 J	8 J	6 J	8 J

6.11 Picayune Wood Treating (NPL)

Sediment samples were collected at three locations, PW01, PW02 and PW03, as shown on Figure 12. In addition, a surface water sample was also collected at location PW02. All samples were analyzed for extractable organic compounds. The analytical results are

summarized below. No extractable organic compounds were detected in the water sample collected at station PW02.

Extractable Organic Compounds, Sediment:

Analyte	*Units*	*PW01SD*	*PW02SD*	*PW03SD*
Anthracene	ug/kg	*580 U*	280 J	140 J
Benzo(a)anthracene	ug/kg	280 J	420 J	130 J
Benzo(b)fluoranthene	ug/kg	600	1000	310 J
Benzo(k)fluoranthene	ug/kg	410 J	780	160 J
Benzo(ghi)perylene	ug/kg	380 J	470 J	180 J
Benzo-a-pyrene	ug/kg	410 J	660 J	170 J
Bis(2-ethylhexyl)phthalate	ug/kg	990	1600	460 J
Dibenzo(a,h)anthracene	ug/kg	*580 U*	180 J	*520 U*
Chrysene	ug/kg	520 J	890	270 J
Fluoranthene	ug/kg	870	1300	380 J
Indeno(1,2,3-cd)pyrene	ug/kg	430 J	580 J	190 J
Phenanthrene	ug/kg	290 J	390 J	120 J
Pyrene	ug/kg	650	1100	340 J

Table 6.1
Extractable Organic Data Summary, Sediment Samples
American Creosote Works
Post-Katrina NPL and Non-NPL Superfund Site
Evaluations

		AC01SD		AC01SDS		AC02SD	
1,1-Biphenyl	UG/KG	64000		64000		*1400*	*U*
2,4-Dimethylphenol	UG/KG	2500	J	2700	J	*1400*	*U*
2-Methylnaphthalene	UG/KG	350000		400000		*1400*	*U*
Acenaphthene	UG/KG	330000		380000		560	J
Acenaphthylene	UG/KG	22000		22000		4700	
Acetophenone	UG/KG	3400	J	4300	J	*1400*	*U*
Anthracene	UG/KG	140000		150000		3800	
Benzo(a)Anthracene	UG/KG	83000		86000		14000	
Benzo(b)Fluoranthene	UG/KG	36000		35000		15000	
Benzo(ghi)Perylene	UG/KG	11000	J	10000	J	4200	J
Benzo(k)Fluoranthene	UG/KG	33000		38000		17000	
Benzo-a-Pyrene	UG/KG	34000		35000		16000	
Carbazole	UG/KG	66000	J	63000	J	*1400*	*U*
Chrysene	UG/KG	77000		76000		17000	
Dibenzo(a,h)Anthracene	UG/KG	5900	J	5200	J	3600	
Dibenzofuran	UG/KG	270000		290000		380	J
Fluoranthene	UG/KG	440000		480000		16000	
Fluorene	UG/KG	340000		380000		760	J
Indeno (1,2,3-cd) Pyrene	UG/KG	15000		13000		11000	J
Naphthalene	UG/KG	1300000		1400000		380	J
Phenanthrene	UG/KG	960000		1000000		3600	
Pyrene	UG/KG	250000		280000		16000	

Data Qualifiers

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

Table 6.2
Extractable Organic Data Summary, Surface Water Samples
American Creosote Works
Post-Katrina NPL and Non-NPL Superfund
Site Evaluations

		AC01SW		AC01SWS		AC02SW	
2,4-Dimethylphenol	UG/L	3	J	7	J	*10*	*U*
Acenaphthene	UG/L	3	J	4	J	*10*	*U*
Chrysene	UG/L	*10*	*U*	*10*	*U*	3	J
Fluoranthene	UG/L	6	J	4	J	3	J
Pyrene	UG/L	3	J	2	J	*10*	*U*

Data Qualifiers

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

Table 6.3
Dioxin Analytical Data Summary, Sediments
Sonford Products Superfund Site
Post-Katrina NPL and Non-NPL Superfund Site Evaluations

		SP01SD		SP02SD		SP03SD	
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	NG/KG	15000		110000	J	29000	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	NG/KG	3400		32000		8100	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	NG/KG	380		3800		1600	
1,2,3,4,7,8-Hexachlorodibenzodioxin	NG/KG	330		3400		1000	
1,2,3,4,7,8-Hexachlorodibenzofuran	NG/KG	290		3100		1200	
1,2,3,6,7,8-Hexachlorodibenzodioxin	NG/KG	1000		11000		2600	
1,2,3,6,7,8-Hexachlorodibenzofuran	NG/KG	220		2200		860	
1,2,3,7,8,9-Hexachlorodibenzodioxin	NG/KG	650		6300		1200	
1,2,3,7,8,9-Hexachlorodibenzofuran	NG/KG	100		810		470	
1,2,3,7,8-Pentachlorodibenzodioxin	NG/KG	100		950		380	
1,2,3,7,8-Pentachlorodibenzofuran	NG/KG	39		420		170	
2,3,4,6,7,8-Hexachlorodibenzofuran	NG/KG	340		3800		1500	
2,3,4,7,8-Pentachlorodibenzofuran	NG/KG	74		770		350	
2,3,7,8-Tetrachlorodibenzodioxin	NG/KG	9		120		29	
2,3,7,8-Tetrachlorodibenzofuran	NG/KG	8		74		28	
Heptachlorodibenzodioxin (Total)	NG/KG	26000	J	170000	J	46000	J
Heptachlorodibenzofuran (Total)	NG/KG	9300	J	99000	J	24000	J
Hexachlorodibenzodioxin (Total)	NG/KG	6700	J	67000	J	13000	J
Hexachlorodibenzofuran (Total)	NG/KG	6900	J	73000	J	18000	J
Octachlorodibenzodioxin	NG/KG	220000	J	220000	J	120000	J
Octachlorodibenzofuran	NG/KG	6200	J	37000	J	11000	
Pentachlorodibenzodioxin (Total)	NG/KG	750	J	9500	J	3000	J
Pentachlorodibenzofuran (Total)	NG/KG	1500	J	18000	J	6600	J
Tetrachlorodibenzodioxin (Total)	NG/KG	120	J	2500	J	490	J
Tetrachlorodibenzofuran (Total)	NG/KG	200	J	3500	J	780	J
TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	460		4400	J	1500	
TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	500		4800	J	1700	
TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	650		6000	J	1900	

Data Qualifiers

J-Identification of analyte is acceptable; reported value is an estimate.

Table 6.4
Dioxin Analytical Data Summary, Sediments
Davis Timber Superfund Site
Post-Katrina NPL and Non-NPL Superfund Site Evaluations

		DT01SD		DT01SDS		DT02SD	
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	NG/KG	13000		17000		1100	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	NG/KG	2400		3200		190	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	NG/KG	210		270		16	
1,2,3,4,7,8-Hexachlorodibenzodioxin	NG/KG	140		190		11	
1,2,3,4,7,8-Hexachlorodibenzofuran	NG/KG	93		120		7.6	
1,2,3,6,7,8-Hexachlorodibenzodioxin	NG/KG	560		710		50	
1,2,3,6,7,8-Hexachlorodibenzofuran	NG/KG	83		100		5.5	
1,2,3,7,8,9-Hexachlorodibenzodioxin	NG/KG	320		440		24	
1,2,3,7,8,9-Hexachlorodibenzofuran	NG/KG	33		41		2.7	
1,2,3,7,8-Pentachlorodibenzodioxin	NG/KG	45		60		2.9	
1,2,3,7,8-Pentachlorodibenzofuran	NG/KG	16		19		1.2	J
2,3,4,6,7,8-Hexachlorodibenzofuran	NG/KG	150		190		10	
2,3,4,7,8-Pentachlorodibenzofuran	NG/KG	35		43		3.2	
2,3,7,8-Tetrachlorodibenzodioxin	NG/KG	2.4		3.3		0.3	J
2,3,7,8-Tetrachlorodibenzofuran	NG/KG	3.4		4.5		*0.34*	*U*
Heptachlorodibenzodioxin (Total)	NG/KG	21000	J	27000	J	1800	J
Heptachlorodibenzofuran (Total)	NG/KG	7700	J	11000	J	610	J
Hexachlorodibenzodioxin (Total)	NG/KG	3300	J	4200	J	240	J
Hexachlorodibenzofuran (Total)	NG/KG	3200	J	4000	J	220	J
Octachlorodibenzodioxin	NG/KG	93000	J	92000	J	8600	J
Octachlorodibenzofuran	NG/KG	7700		9200		630	
Pentachlorodibenzodioxin (Total)	NG/KG	380	J	510	J	22	J
Pentachlorodibenzofuran (Total)	NG/KG	590	J	840	J	45	J
Tetrachlorodibenzodioxin (Total)	NG/KG	86	J	130	J	4.6	J
Tetrachlorodibenzofuran (Total)	NG/KG	100	J	140	J	5.7	J
TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	220		280		17	
TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	230		300		18	
TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)	NG/KG	370		480		30	

Data Qualifiers

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

7.0 IMPACT EVALUATION

The data presented in Section 6 was evaluated by the Region 4 Waste Management Division, Technical Services Section (TSS), in consultation with the RPM for each site, to determine if there were any observable or attributable Post-Katrina impacts at the NPL and Non-NPL sites selected for this investigation. Evaluating the sampling data to determine if there was an off-site impact from Hurricane Katrina posed a challenge at some sites, due to the scarcity of pre-existing sampling data and supporting information suitable for data interpretation. The NPL designations are provided in the section heading for each site.

Conclusions regarding the potential impact of the hurricane on these sites are based on a comparison of post-hurricane data to existing soil and sediment clean up values defined for the site, or available past sample data collected during remedial investigations or routine monitoring activities. In addition, the results were compared to EPA Region 9 Preliminary Remediation Goals (PRGs) and the Office of Water's 2004 National Recommended Water Quality Criteria (NRWQC) 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 risk-based concentrations based on long-term (i.e., 30-year) exposures to children and adults in a residential setting. The PRGs are intended to assist risk assessors and others in initial screening-level evaluations of environmental measurements. EPA Office of Water's 2004 NRWQC (available at: http://www.epa.gov/waterscience/criteria/wqcriteria.html) are a compilation of surface water quality criteria for the protection of aquatic life and human health for approximately 150 pollutants.

The results of these evaluations are presented in **Sections 7.1** through **7.11**.

7.1 Olin-McIntosh Plant, McIntosh, Alabama (NPL)

Sediment and surface water samples were collected at two locations and analyzed for volatile organic compounds and mercury.

Total mercury, a site-related contaminant of concern, was detected in sample OM02SD at 0.58 mg/kg, below the 55 mg/kg clean up level defined in the ROD and the residential PRG of 23 mg/kg. Historically, mercury concentrations in sediments at this location have ranged from non-detect to 10.4 mg/kg. The detection of 0.58 mg/kg, therefore, is consistent with results obtained from the 1991-1992 sampling for the remedial investigation conducted at the site.

1,3-Dichlorobenzene, the only VOC identified in site sediment, was detected in sample OM02SD at 4J ug/kg, below the 140 mg/kg clean up level defined in the ROD and the residential PRG of 530 mg/kg.

Mercury was detected in surface water sample OM01SW, located west of the facility near Highway 43, at a concentration of 0.21 ug/l. This location is near the well sand piles, known to contain mercury at concentrations exceeding 100 mg/kg. The detected concentration of 0.21 ug/l is below the national recommended water quality criteria (NRWQC) value of 0.77 ug/l, but above the State of Alabama standard for protection of aquatic life of 0.012 ug/l. This sample, however, was not taken in a permanent body of water capable of sustaining aquatic

life. Furthermore, the reported concentration is less than previously detected concentrations of mercury in surface water at the site.

There is no indication of an adverse impact due to a release from the Olin Corporation McIntosh Plant associated with Hurricane Katrina. Reported concentrations of site-related contaminants of concern (COC) are consistent with historical characterization data and no chemicals, COC or otherwise, were found to exceed any risk-based residential human health benchmarks. The Alabama Department of Environmental Management is aware of the ongoing runoff of mercury at the well sand residue area and is continuing to monitor potential impacts from this area.

7.2 Ciba Geigy, McIntosh, Alabama (NPL)

Sediment and surface water samples were collected and analyzed for pesticides and polychlorinated biphenyls (PCBs) from the National Pollutant Discharge Elimination System (NPDES) permitted outfall at the Tombigbee River. No site-related contaminants of concern (COC) were detected in the surface water sample.

Low levels of the pesticide 4,4'-DDT (p,p'-DDT) and its metabolites 4,4'-DDD (p,p'-DDD), and 4,4'-DDE (p,p'-DDE) were detected in sample CG01SD. No other pesticides or PCBs were detected. 4,4'-DDD was detected at 4.4 J ug/kg, 4,4'-DDE was detected at 7.1 ug/kg, and 4,4'-DDT was detected at 3.3 J ug/kg. In sample CG01SDS (a split sample from CG01SD) 4,4'-DDD was detected at 33 ug/kg, 4,4'-DDE was detected at 5.0 ug/kg, and 4,4'-DDT was detected at 20 ug/kg.

All of the concentrations of 4,4'-DDT and its metabolites detected following Hurricane Katrina were below the sediment cleanup level in the Record of Decision for the total of 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE of 15 mg/kg. No detected concentrations of DDT, DDD or DDE exceeded residential PRG soil screening benchmarks. Moreover, it is unlikely for persons to become exposed to the sediments collected at the NPDES outfall at the Tombigbee River because the sediments are permanently covered by water. 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE are pesticides which have been historically detected in the sediments in the vicinity of the Ciba Geigy facility.

The diazinon data for sediment sample CG01SD and surface water sample CG01SW were rejected by the standard quality assurance procedures used to evaluate laboratory data. The data could not be used to make a statement about the presence of absence of diazinon in the sediment. The reporting levels for the rejected data, however, were well below the corresponding residential PRG of 55,000 ug/kg.

There is no indication of an adverse impact due to a release from the Ciba Geigy Plant associated with Hurricane Katrina. Reported concentrations of site-related COCs are consistent with historical characterization data and no chemicals, COC or otherwise, were found to exceed any risk-based residential human health benchmarks.

7.3 Stauffer-Cold Creek (Syngenta), LeMoyne, Alabama (NPL)

Four sediment samples were collected. Because no water was present at the time of sampling, surface water samples, which were planned at these locations, were not collected. Sediment samples were analyzed for a suite of thiocarbamate herbicides, including Butylate (Sutan™), Cycloate (Ro-Neet™), EPTC (Eptam™), Pebulate (Tillam™) and Vernolate (Vernam™). Data validation for the herbicide Molinate (Ordram™) was rejected for all samples tested. No surface soil or sediment clean up criteria were defined in the RODs for the site. There was no historical sediment data for the NPDES outfalls to which the sampling results could be compared. Sampling data were compared to residential PRGs.

The reported concentrations for detected herbicides were all less than available residential PRGs. There were no available screening levels for Cycloate on the EPA Region 9 PRG table to screen the three detections, which ranged from 630 CJ ug/kg to 1300 C ug/kg. Upon search of the EPA Pesticides program website, an oral RfD was located [http://www.epa.gov/REDs/cycloate_red.pdf]. Using the RfD of 0.005 mg/kg-d, a screening level residential soil PRG can be generated (about 300 mg/kg) that is much higher than the reported concentrations.

There is no indication of an adverse impact due to a release from the Stauffer-Cold Creek Plant associated with Hurricane Katrina. Reported concentrations for this evaluation for detected thiocarbamate herbicides are below available residential PRGs.

7.4 Stauffer Chemical - LeMoyne Plant (Akzo Nobel), LeMoyne, Alabama (NPL)

Sediment samples were collected from two locations, SL01 and SL02. Because no water was present at the time of sampling, surface water samples, which were planned at these locations, were not collected. The samples were analyzed for total mercury, cyanide and volatile organic compounds. There was no historical sediment data for the NPDES outfalls to which the evaluation sampling results could be compared. No surface soil or sediment clean up criteria were defined in the RODs for the site. Sampling data were compared to residential risk-risk based screening levels.

The volatile organic compounds toluene and acetone were detected in samples from location SL02. Low levels of total mercury were detected at location SL01. The detected level of total mercury (0.87 mg/kg) is below the screening level for residential soil, even if the mercury is assumed to be in the more toxic methylated form (6.1 mg/kg). There is no indication of an adverse impact due to a release from the Stauffer-LeMoyne Plant associated with Hurricane Katrina. Reported concentrations for this evaluation are all below available residential risk-based human health screening values.

7.5 Perdido Groundwater Contamination, Perdido, Alabama (NPL)

Two water samples, PG01 and PG02, were collected from the groundwater treatment system influent and effluent lines, respectively, at the Perdido Groundwater Contamination groundwater treatment system. Both samples were analyzed for volatile organic compounds. No volatile organic compounds were detected in either of the samples. The results were non-

detect for all analyzed constituents. The reported quantitation limits ("U" values) all appear to achieve the targeted contract-required quantitation limits (CRQLs).

There does not appear to be any significant detrimental change in concentrations of site-related chemicals at the sampled groundwater locations. No analytes were detected in the current groundwater samples collected from the site. There is no indication of an adverse impact on the groundwater treatment system at the Perdido Groundwater Contamination site. The treatment system is still functioning as designed.

7.6 Redwing Carriers (Saraland Apartments), Saraland, Alabama (NPL)

Two sediment samples were collected from ditches adjacent to the Redwing Carriers site. Because no water was present at the time of sampling, surface water samples, which were planned, were not collected at these locations. The samples were analyzed for extractable organic compounds, pesticides/PCBs and the herbicide Vernolate (Vernam™). The results were low or non-detect for the analyzed pesticides and herbicides. The reported concentrations are all less than human health risk-based residential soil screening levels.

The ROD defined polyaromatic hydrocarbons (PAHs) as the primary contaminants of concern. Seven different PAH compounds were detected. Sample concentrations were compared to the 94.9 mg/kg cleanup level for benzo-a-pyrene, the 540 mg/kg cleanup level for benzo-b-fluoranthene, and the 362 mg/kg cleanup level for crysene that were set for the site. None of the samples collected from the site contained concentrations of the contaminants of concern above the cleanup levels established for the site. Only one detection of benzo[a]pyrene (150 ug/kg) was above a 1E-6 cancer risk-based residential soil level, but it was less than the 1E-5 risk level (620 ug/kg). The other PAH detections, as well as the Dieldrin and DDE detections, were below the 1E-6 cancer risk-based residential soil level. Many of the data points for these contaminants are "J" flagged, indicating uncertainty in the reported concentration. This uncertainty, however, is common and accepted in reported site data.

There is no indication of an adverse impact due to Hurricane Katrina at the sampled sediment locations. Detections were reported for two pesticides (DDE at 2.3 ug/kg and Dieldrin at 4.1 ug/kg) and for several PAH compounds. All sediment evaluation data are below residential soil screening levels (PRGs) for the listed chemicals.

7.7 American Creosote Works, Louisville, Mississippi (NPL)

Surface water and sediment samples were collected at two locations, AC01 and AC02, and were analyzed for extractable organic compounds, including the PAH compounds comprising the site contaminants of concern (COC). Numerous extractable organic compounds, primarily the polynuclear aromatic hydrocarbons (PAHs), were detected in the two sediment samples.

Samples taken post-Katrina exceed levels of several PAH compounds detected in sampling conducted in March 2005, however surficial and shallow sediment contamination is known to be non-uniform and highly variable at the site, and it is highly likely that the recent sampling encountered a hot spot of contamination present prior to the hurricane. Ongoing

releases of contamination to sediment have been documented and appear to fluctuate with seasonal rainfall events. Based on the site history and the RPM's direct observations, the contamination observed and documented by this evaluation is known to have been pre-existing and of similar magnitude and does not appear to be a direct result of a release due to Hurricane Katrina. However, there is uncertainty regarding whether there is a true impact or not due to the variability of sediment contamination.

Reported concentrations of COCs exceeded the Region 9 PRGs for the 1E-06 cancer risk for the residential exposure scenario. Benzo(a)anthracene (83,000 ug/kg) was above a 1E-4 cancer risk-based residential soil level (62000 ug/kg). Benzo(a)pyrene (34000 ug/kg) was above a 1E-4 cancer risk-based residential soil level (6200 ug/kg). Benzo(b)fluoranthene (36,000 ug/kg) exceeded the 1E-06 level (620 ug/kg) but did not exceed the 1E-04 level (62,000 ug/kg). Benzo(k)fluoranthene (33,000 ug/kg) was above the 1E-06 level (6,200 ug/kg) but below the 1E-05 risk level (62,000 ug/kg). Dibenz(a,h)anthracene (5,900 ug/kg) exceeded the 1E-06 risk level (62 ug/kg) but was below the 1E-04 risk level (6,200 ug/kg). Indeno(1,2,3-cd)pyrene (15,000 ug/kg) was above the 1E-06 risk level (620 ug/kg) but below the 1E-04 risk level (62,000 ug/kg).

It is important to note that sediments have been sampled previously during earlier site characterizations and were known to be adversely impacted by the site prior to Hurricane Katrina. Sediment contamination is being addressed in ongoing remedial actions at the site. Additionally, EPA Region 4 normally considers long-term human exposure to sediments that are under water, as are the sediments sampled for this evaluation, to be minimal due to infrequent opportunities for contact of significant duration. Five site-related PAH compounds were also detected in the surface water samples, but all detections were less than 10 ug/l and below national recommended water quality criteria.

7.8 Sonford Products, Flowood, Mississippi (Non-NPL)

Sediment samples were collected at three locations, SP01, SP02 and SP03. Sediment samples were analyzed for metals, extractable organic compounds, pesticide/PCBs and dioxins Site-specific COCs, from previous site evaluations, are pesticides, including PCP, lindane, DDT, dioxins/furans, and possibly lead and arsenic.

Sampling data were evaluated against existing environmental sampling results and were compared to available risk-based human health screening values. Detections of lead in sediment samples were below residential screening values, however arsenic (1.4 mg/kg, 4.1 mg/kg, 2.9 mg/kg) exceeded the 1E-06 residential risk level, however 2 of the three samples were below the 1E-05 risk level (4 mg/kg) with one slightly exceeding this level but still well below the 1E-04 risk level (40 mg/kg) and within the risk range. Benzo(a)pyrene (240 ug/kg) was above the 1E-06 risk level but below the 1E-05 risk level (620 ug/kg).

The dioxin/furan analyses for these three sediment samples reported Toxicity Equivalent (TEQ) levels of 0.65 ug/kg (SP01SD), 6.0 ug/kg (SP02SD), and 1.9 ug/kg (SP03SD). These post-hurricane levels are well within the range of reported TEQ levels from pre-hurricane (April 2005) sediment/soil samples from this site (range of 0.004 – 77.0 ug/kg). All are well below EPA's residential clean up criteria for dioxin of 1000 ug/kg.

The results were low or non-detect for the site COCs (pesticides). The results from analyses of the samples were all non-detect ("U") for pentachlorophenol (PCP); however, the U values (1200U, 2600U, 1200U ug/kg) appear to be somewhat elevated. This casts some doubt as to whether PCP may have been present in the samples at some level. Even if the PCP were hypothetically present at levels close to the U values (1200-2600 ug/kg), however, the site levels still would not be judged as significantly elevated relative to those levels reported from samples collected prior to hurricane Katrina or relative to risk-based levels (the residential soil screening PRG [1E-6 risk] for PCP is 3000 ug/kg). Many of the data points for these contaminants are "J" flagged, indicating uncertainty in the reported concentration. This uncertainty, however, is common and accepted in reported site data.

There does not appear to be any significant detrimental change in concentrations of site-related chemicals at the sampled locations. Analytical results for pentachlorophenol (PCP) in the current samples were all non-detect ("U").

7.9 Davis Timber, Hattiesburg, Mississippi (NPL)

Sediment samples were collected at two locations, DT01 and DT02, Because of dry conditions, surface water samples, which were planned, were not collected at these locations. Sediment samples were analyzed for dioxins and extractable organic compounds; site contaminants of concern (COCs) are dioxin and pentachlorophenol. The evaluation data were compared against previous site data and to risk-based values.

Many of the data points for these contaminants are "J" flagged, indicating uncertainty in the concentration. This uncertainty, however, is common in reported site data. There are no apparent site specific data uncertainties that cast significant doubt on the results or on the conclusions herein.

Reported concentrations of dioxins/furans and pentachlorophenol (PCP) are comparable to (or less than) reported levels from samples taken in 2004. Levels of 2,3,7,8-TCDD (8.6 E-05 mg/kg) exceeded the 1E-06 risk level (4E-06 mg/kg) but were below the 1E-4 risk level (4E-04 mg/kg) and EPA's residential clean up criteria of 1000 ug/kg. All other detected analytes are below residential soil screening levels at the 1E-06 risk level. There does not appear to be any significant detrimental change in concentrations of site-related chemicals at the sampled locations.

7.10 Chemfax, Inc., Gulfport, Mississippi (Non-NPL)

Four sediment samples were collected across four transects of the Bernard Bayou at locations likely to have been impacted by a release from the Chemfax, Inc. site. Acetophenone was the only extractable organic compound detected and was reported at a concentration of 96 ug/kg in one sample from location CF04SD. This concentration is well below residential PRG soil screening values. Acetone was the only volatile organic compound identified in the four samples and was present at concentrations less than 20 ug/kg. Acetone is a common laboratory contaminant and it is possible this detection resulted from the analysis. Detected concentrations were below residential PRGs.

There is no indication of an adverse impact due to a release from the Chemfax, Inc. site associated with Hurricane Katrina. Reported concentrations are all below available risk-based soil screening levels for these analytes.

7.11 Picayune Wood Treating, Picayune, Mississippi (NPL)

Sediment samples were collected at three locations, PW01, PW02 and PW03. In addition, a surface water sample was also collected at location PW02. All samples were analyzed for extractable organic compounds. Samples were collected from locations that were likely to have been impacted by a potential release, if it were to have occurred. Generally low levels of PAH compounds, the site-related COCs, were detected in the sediment samples collected at the site.

Since no ROD-derived clean up values were available, evaluation data was compared against established residential soil screening values. Benzo(a)pyrene (660 ug/kg) exceeded the 1E-06 risk level (62 ug/kg) but did not exceed the 1E-05 risk level (620 ug/kg). None of the other COCs exceeded established risk-based human health screening values (PRGs). No extractable organic compounds were detected in the surface water sample collected for the evaluation.

Based on this evaluation, there does not appear to be any indication of any adverse impact due to a release from the site associated with Hurricane Katrina. Reported concentrations for sediment and surface water were either below or within established risk-based soil/sediment screening levels for detected analytes.

8.0 REFERENCES

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

Appendix A
Figures

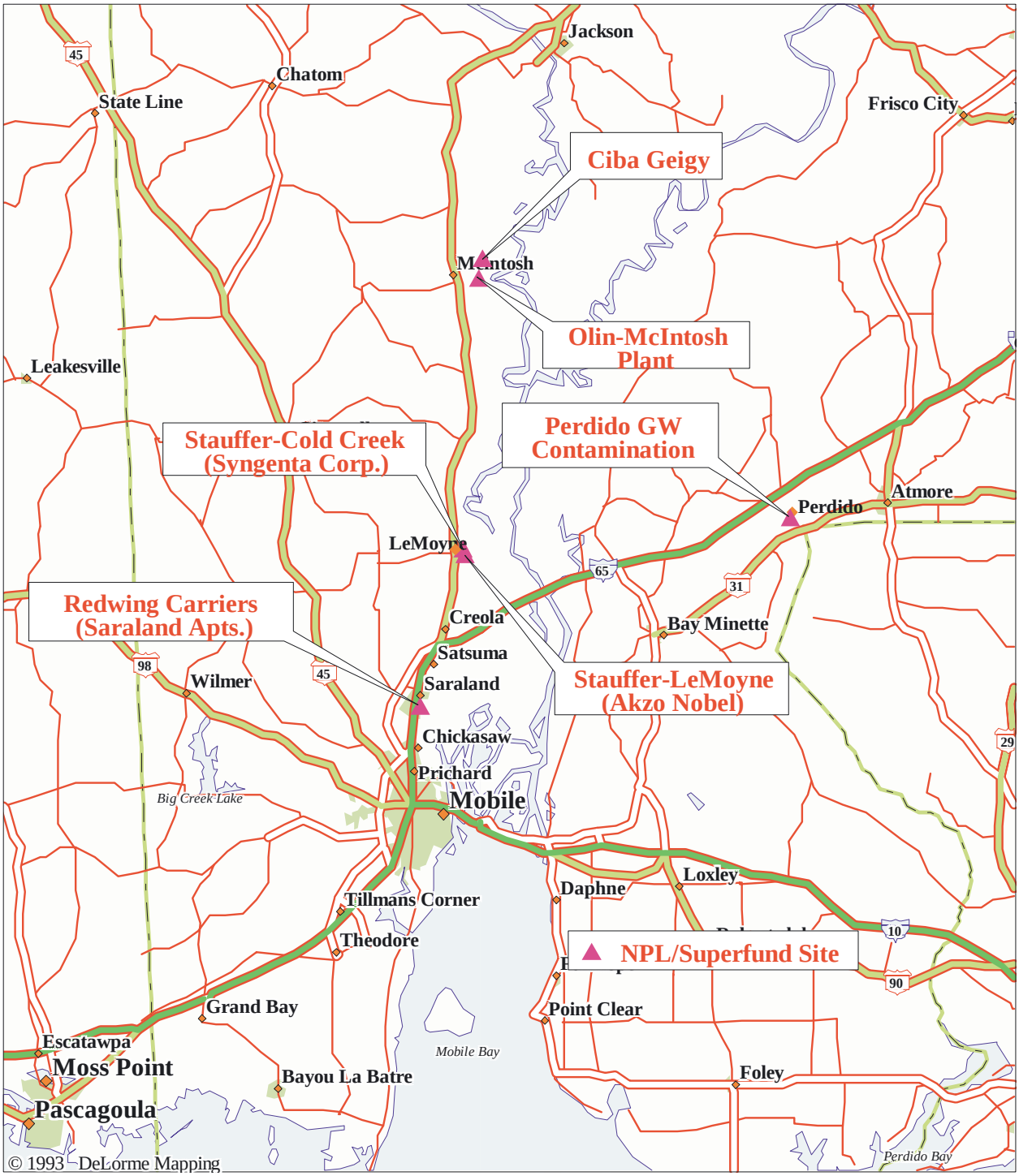

Figure 1
NPL Locations, Alabama
Post-Katrina Site Evaluations

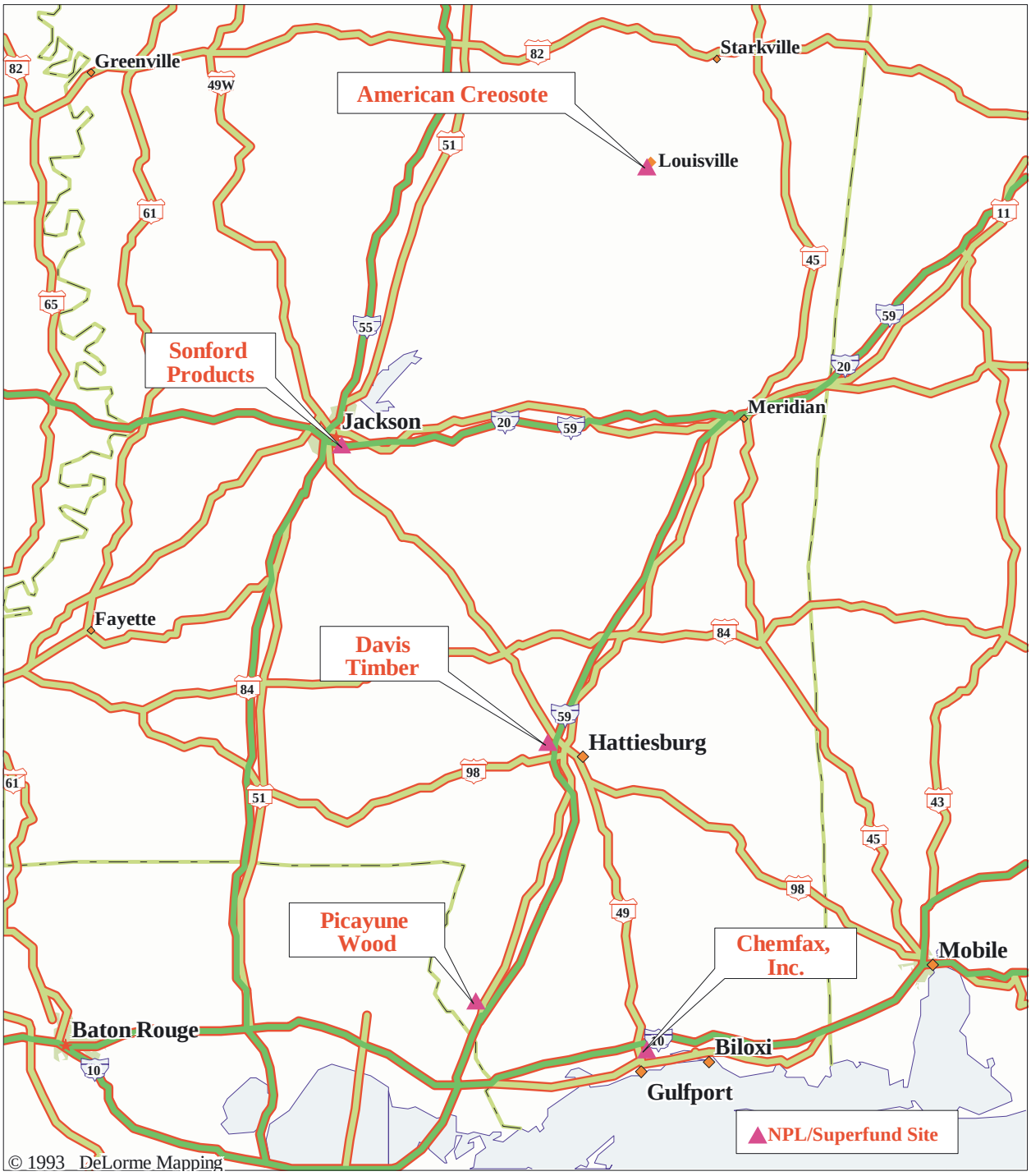

Figure 2
NPL Locations, Mississippi
Post-Katrina Site Evaluations

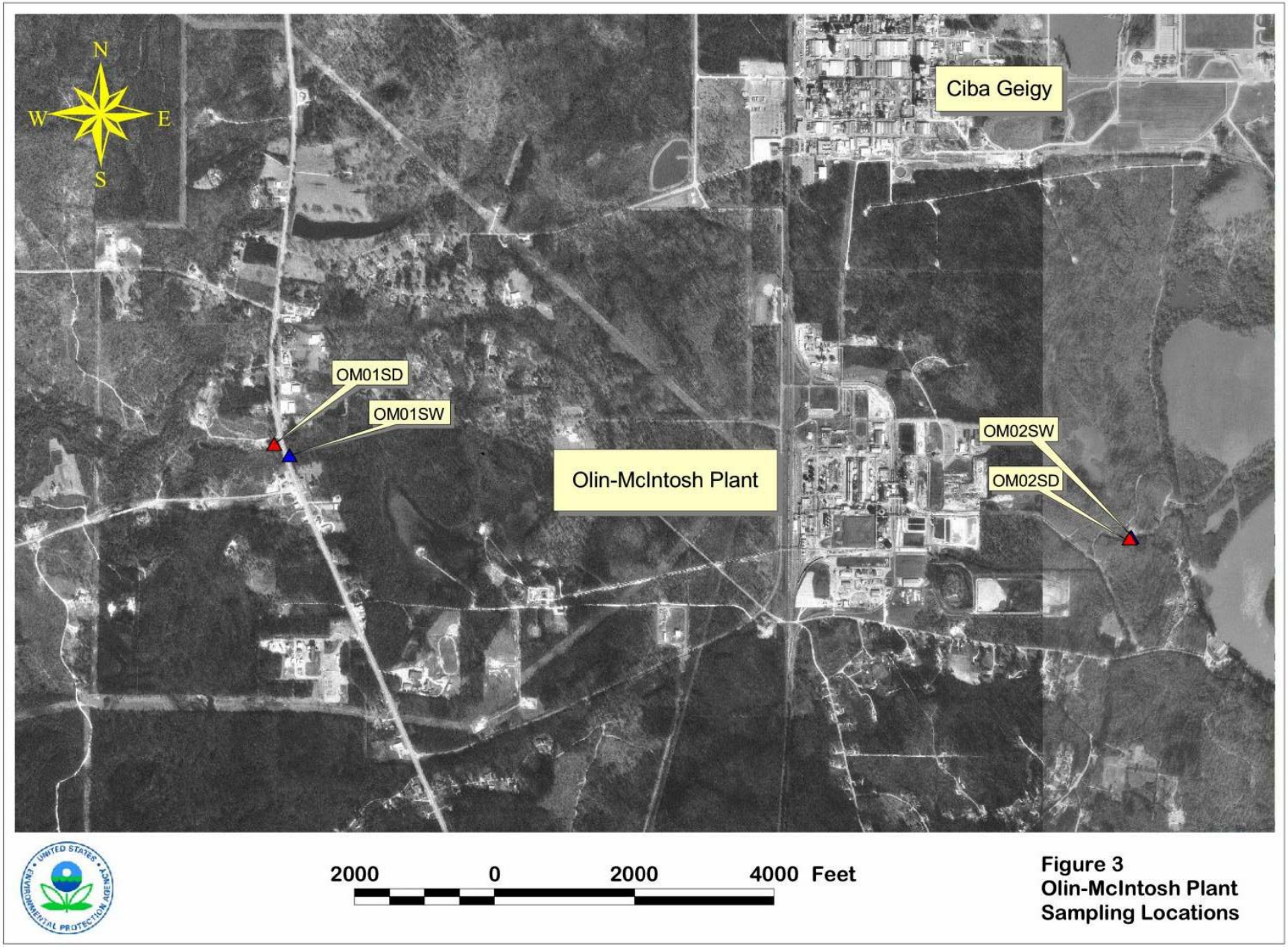

Figure 3
Olin-McIntosh Plant
Sampling Locations

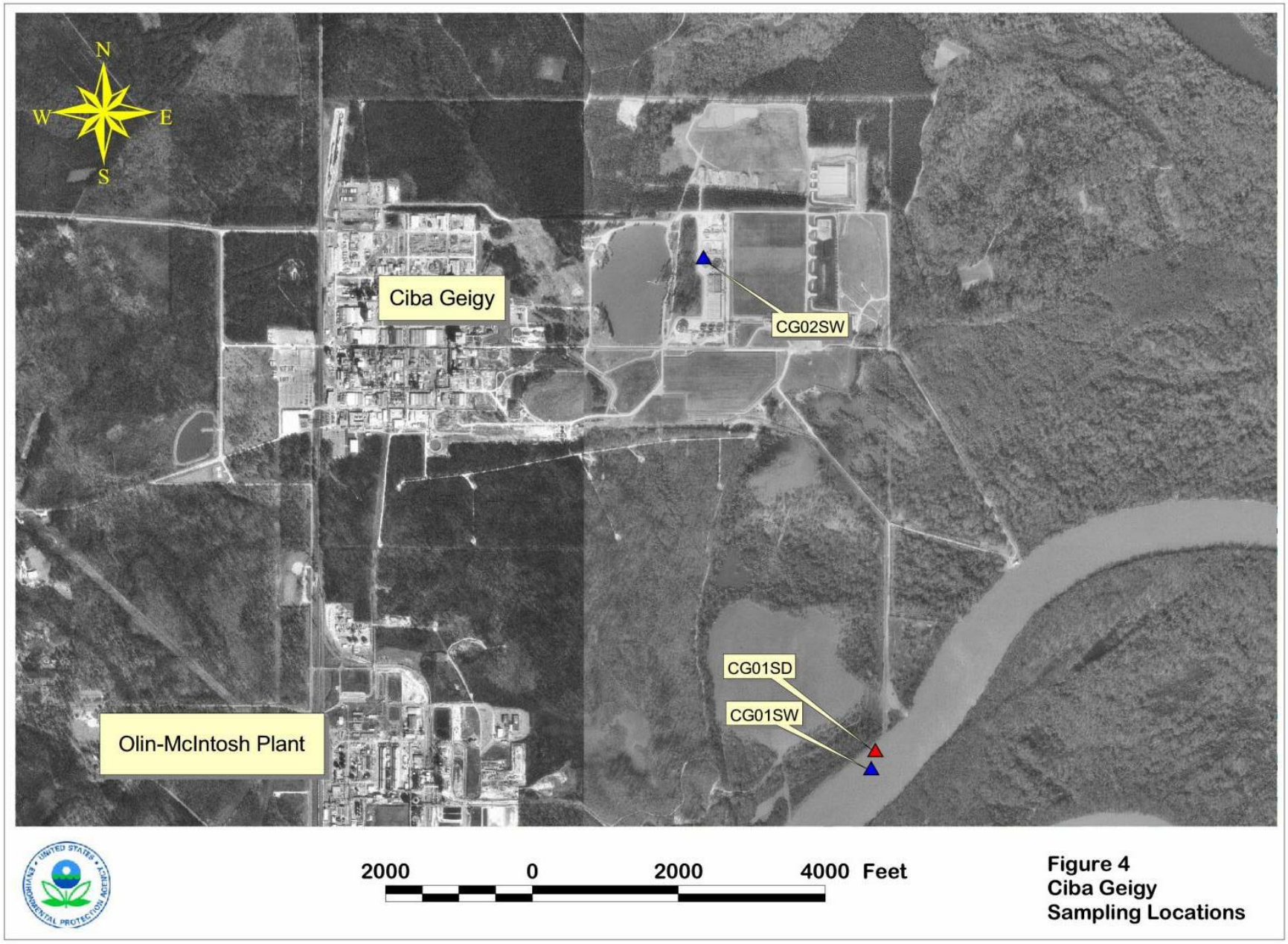

Figure 4
Ciba Geigy
Sampling Locations

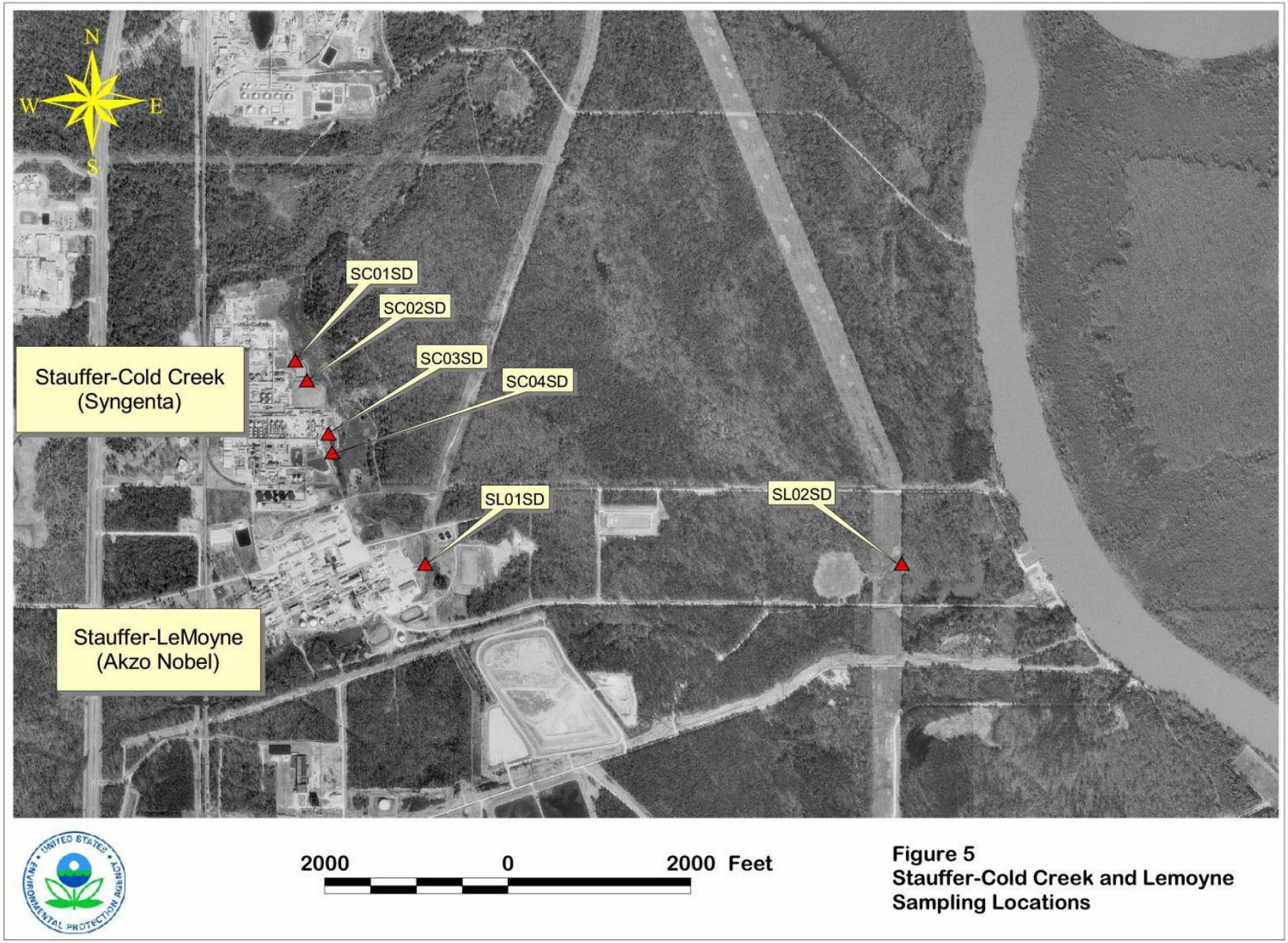

Figure 5
Stauffer-Cold Creek and Lemoyne
Sampling Locations

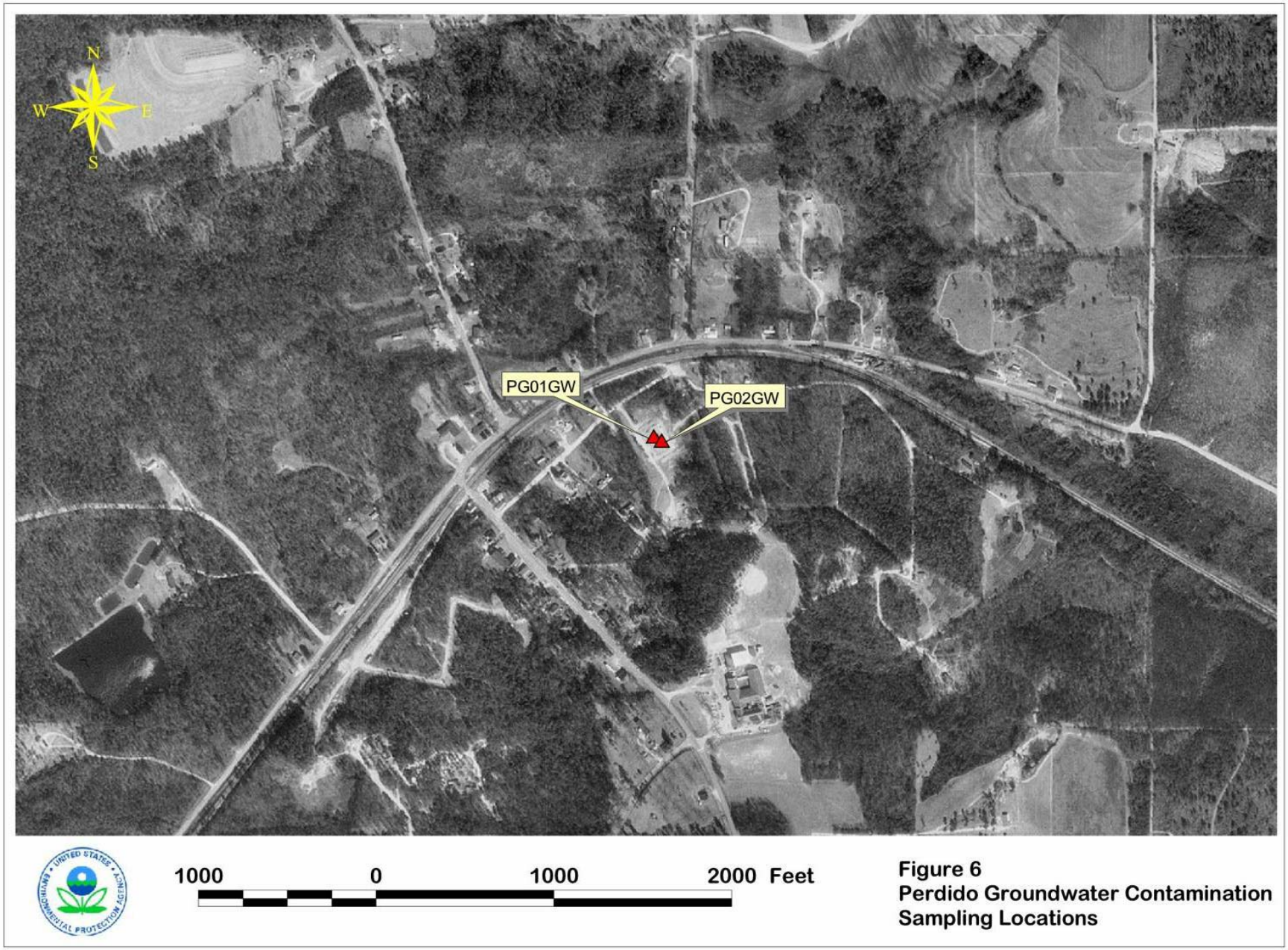

Figure 6
Perdido Groundwater Contamination Sampling Locations

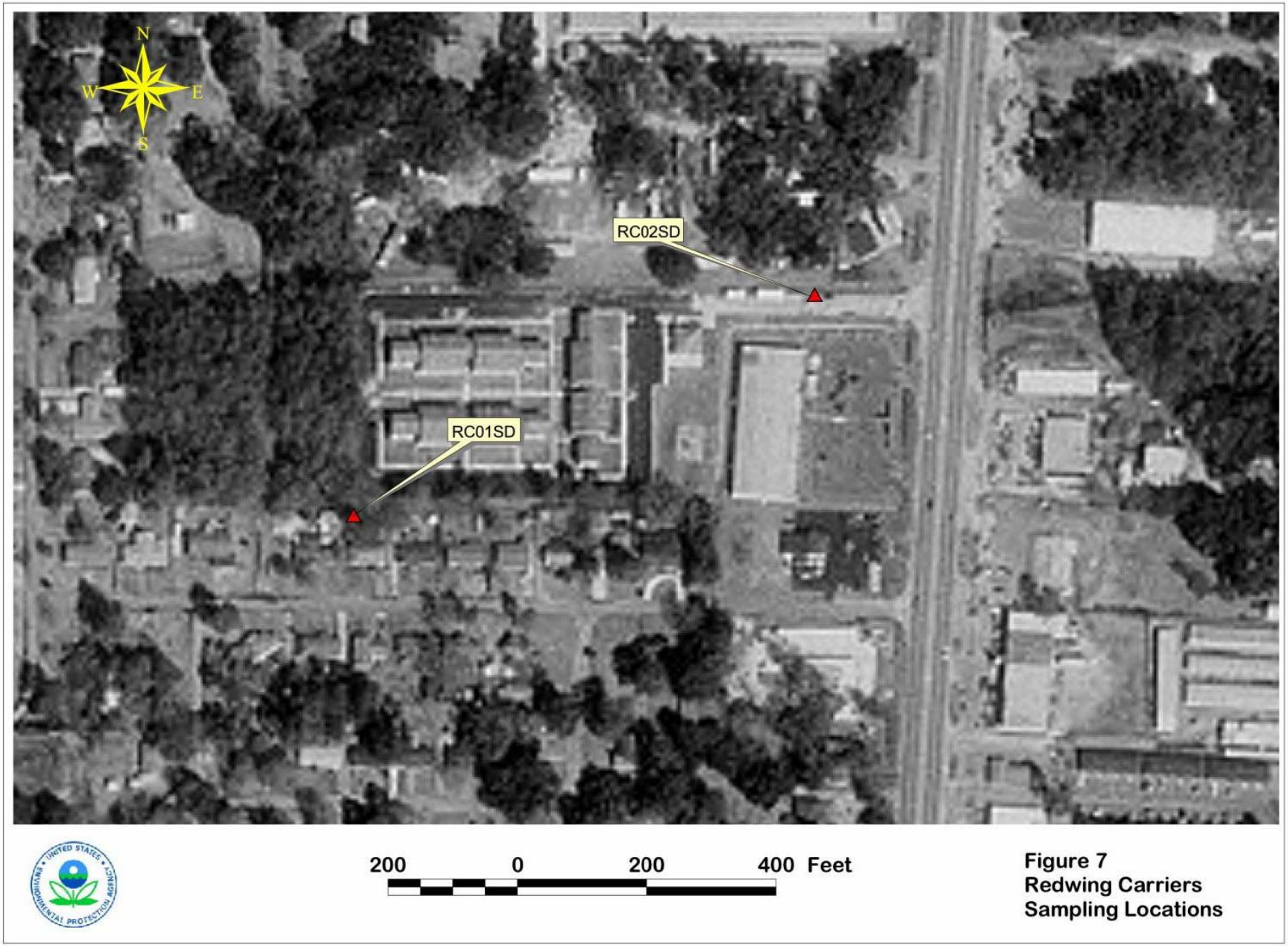

Figure 7
Redwing Carriers
Sampling Locations

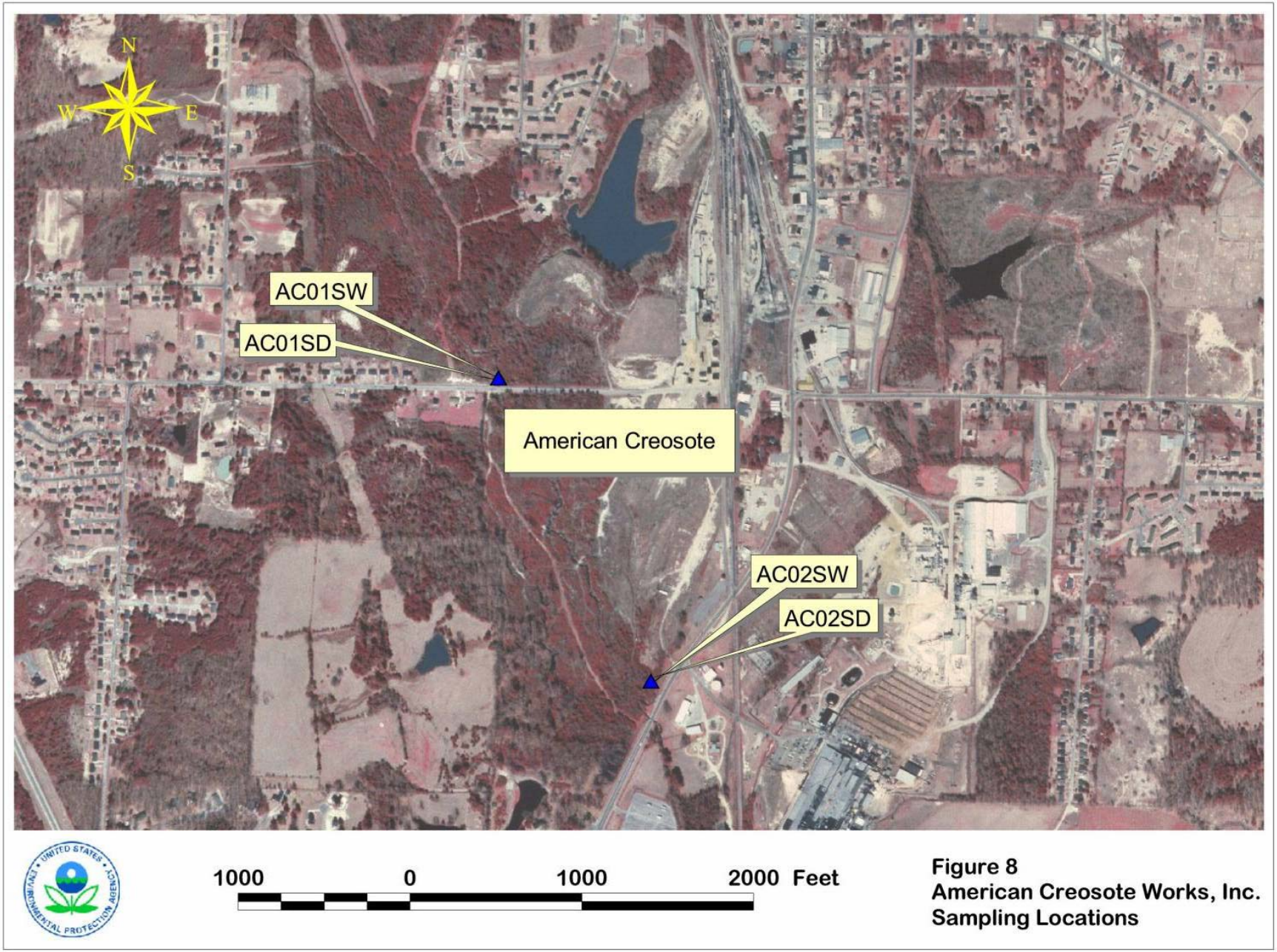

Figure 8
American Creosote Works, Inc.
Sampling Locations

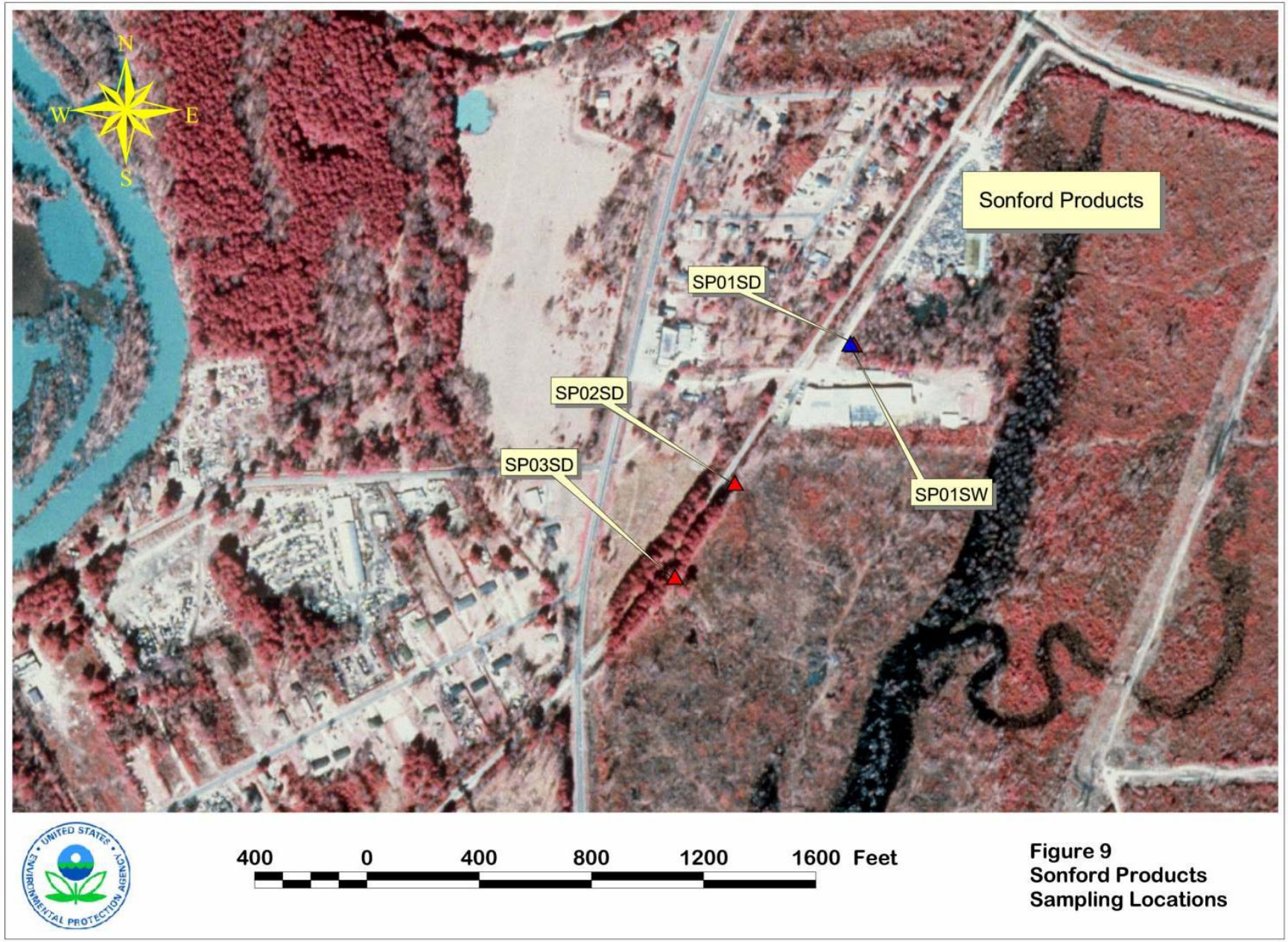

Figure 9
Sonford Products
Sampling Locations

Figure 10
Davis Timber
Sampling Locations

Figure 11
Chemfax, Inc.
Sampling Locations

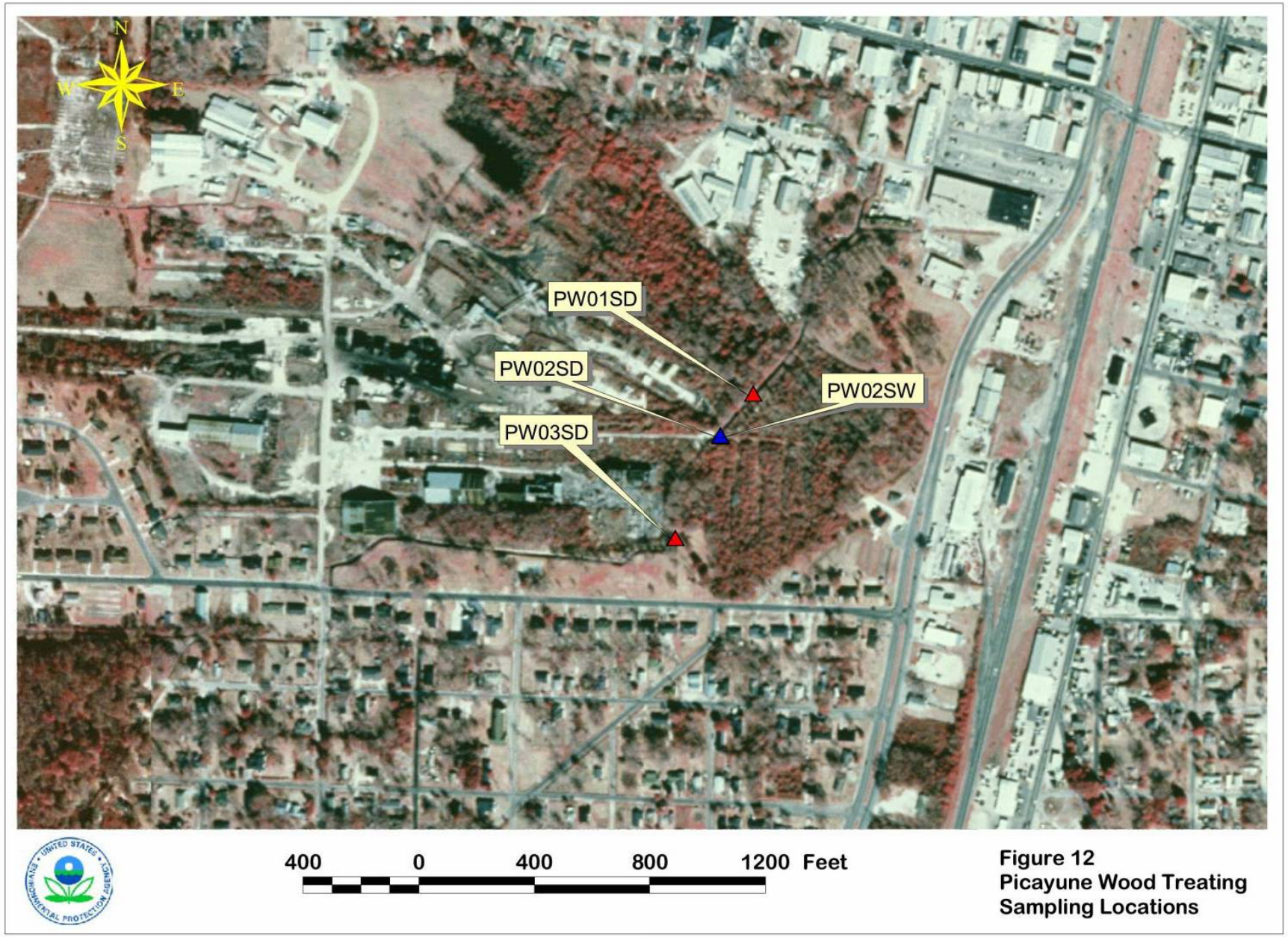

Figure 12
Picayune Wood Treating
Sampling Locations

Appendix B
Complete Data

Sample **112** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM02SD /
Media: SEDIMENT

Case No: 34748
MD No: 3AY4
D No: 3AY4

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:10
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 U	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 U	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 UJ	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 UJ	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
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
4 J	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
27	%	% 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 **113** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM02SW /
Media: SURFACE WATER
Case No: 34748
MD No: 3AY5
D No: 3AY5
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:00
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **114** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM01SD /
Media: SEDIMENT

Case No: 34748
MD No: 3AY6
D No: 3AY6

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:30
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 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 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 UJ	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 UJ	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
31	%	% 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 **114** FY **2006** Project: **06-0045**

MISCELLANEOUS COMPOUNDS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM01SD /
Media: SEDIMENT
Case No: 34748
MD No: 3AY6
D No: 3AY6
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:30
Ending:

RESULTS	UNITS	ANALYTE
13 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 **115** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM01SW /
Media: SURFACE WATER
Case No: 34748
MD No: 3AY7
D No: 3AY7
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:25
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **117** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF Case No: 34748
Id/Station: QA02TB /
Media: TRIP BLANK - SOIL D No: 3AY9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:34
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 U	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)
18 J	UG/KG	Acetone
14 U	UG/KG	Carbon Disulfide
14 U	UG/KG	Methyl Acetate
14 U	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 UJ	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 UJ	UG/KG	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
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
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 **117** FY **2006** Project: **06-0045**

MISCELLANEOUS COMPOUNDS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF Case No: 34748
Id/Station: QA02TB /
Media: TRIP BLANK - SOIL D No: 3AY9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:34
Ending:

RESULTS	UNITS	ANALYTE
9 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 **118** FY **2006** Project: **06-0045**

Volatiles Scan

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF Case No: 34748
Id/Station: QA01TB /
Media: TRIP BLANK - WATER D No: 3AZ1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:34
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **111** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM00SW /
Media: SURFACE WATER
Case No: 34748
MD No: 3AY3
Inorg Contractor: BONNER

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Total Mercury

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 **112** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM02SD /
Media: SEDIMENT
Case No: 34748
MD No: 3AY4
D No: 3AY4
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:10
Ending:

RESULTS	UNITS	ANALYTE
0.58	MG/KG	Total Mercury
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 **113** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM02SW /
Media: SURFACE WATER
Case No: 34748
MD No: 3AY5
D No: 3AY5
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:00
Ending:

RESULTS	UNITS	ANALYTE
0.21	UG/L	Total Mercury

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 **114** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM01SD /
Media: SEDIMENT
Case No: 34748
MD No: 3AY6
D No: 3AY6
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:30
Ending:

RESULTS	UNITS	ANALYTE
0.82 U	MG/KG	Total Mercury
39	%	% 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 **115** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: OM01SW /
Media: SURFACE WATER
Case No: 34748
MD No: 3AY7
D No: 3AY7
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 15:25
Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Total Mercury

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 **116** FY **2006** Project: **06-0045**

SPECIFIED TESTS

Facility: Olin Corp. (McIntosh Plant) NPL McIntosh, AL
Program: SF
Id/Station: QA03PB /
Media: PRESERVATIVE BLANK
Case No: 34748
MD No: 3AY8
Inorg Contractor: BONNER

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:34
Ending:

RESULTS	UNITS	ANALYTE
0.02 UJ	UG/L	Total Mercury

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 **135** FY **2006** Project: **06-0044**

Pesticides & Aroclors Scan

Facility: Ciba-Geigy McIntosh, AL
Program: SF Case No: 34747
Id/Station: CG01SD /
Media: SEDIMENT D No: 3AX0 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	UG/KG	alpha-BHC
2.5 U	UG/KG	beta-BHC
2.5 U	UG/KG	delta-BHC
2.5 U	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)
4.9 U	UG/KG	Dieldrin
7.1	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
4.4 J	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
3.3 J	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.5 U	UG/KG	alpha-Chlordane /2
2.5 U	UG/KG	gamma-Chlordane /2
250 U	UG/KG	Toxaphene
49 U	UG/KG	PCB-1016 (Aroclor 1016)
100 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)
33	%	% 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 **136** FY **2006** Project: **06-0044**

Pesticides & Aroclors Scan

Facility: Ciba-Geigy McIntosh, AL
Program: SF Case No: 34747
Id/Station: CG01SDS /
Media: SEDIMENT D No: 3AX1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	UG/KG	alpha-BHC
2.5 U	UG/KG	beta-BHC
2.5 U	UG/KG	delta-BHC
2.5 U	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)
4.9 U	UG/KG	Dieldrin
6.8	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
5.0	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
20	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.5 U	UG/KG	alpha-Chlordane /2
2.5 U	UG/KG	gamma-Chlordane /2
250 U	UG/KG	Toxaphene
49 U	UG/KG	PCB-1016 (Aroclor 1016)
100 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)
33	%	% 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 **137** FY **2006** Project: **06-0044**

Pesticides & Aroclors Scan

Facility: Ciba-Geigy McIntosh, AL
Program: SF Case No: 34747
Id/Station: CG01SW /
Media: SURFACE WATER D No: 3AX2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 10:55
Ending:

RESULTS	UNITS	ANALYTE
0.050 U	UG/L	alpha-BHC
0.050 U	UG/L	beta-BHC
0.050 U	UG/L	delta-BHC
0.050 UJ	UG/L	gamma-BHC (Lindane)
0.050 UJ	UG/L	Heptachlor
0.050 U	UG/L	Aldrin
0.050 U	UG/L	Heptachlor Epoxide
0.050 U	UG/L	Endosulfan I (alpha)
0.10 UJ	UG/L	Dieldrin
0.10 UJ	UG/L	4,4'-DDE (p,p'-DDE)
0.10 UJ	UG/L	Endrin
0.10 U	UG/L	Endosulfan II (beta)
0.10 U	UG/L	4,4'-DDD (p,p'-DDD)
0.10 U	UG/L	Endosulfan Sulfate
0.10 UJ	UG/L	4,4'-DDT (p,p'-DDT)
0.50 UJ	UG/L	Methoxychlor
0.10 U	UG/L	Endrin Ketone
0.10 U	UG/L	Endrin Aldehyde
0.050 UJ	UG/L	alpha-Chlordane /2
0.050 UJ	UG/L	gamma-Chlordane /2
5.0 U	UG/L	Toxaphene
1.0 U	UG/L	PCB-1016 (Aroclor 1016)
2.0 U	UG/L	PCB-1221 (Aroclor 1221)
1.0 U	UG/L	PCB-1232 (Aroclor 1232)
1.0 U	UG/L	PCB-1242 (Aroclor 1242)
1.0 U	UG/L	PCB-1248 (Aroclor 1248)
1.0 U	UG/L	PCB-1254 (Aroclor 1254)
1.0 U	UG/L	PCB-1260 (Aroclor 1260)

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 **138** FY **2006** Project: **06-0044**

Pesticides & Aroclors Scan

Facility: Ciba-Geigy McIntosh, AL
Program: SF Case No: 34747
Id/Station: CG01SWS /
Media: SURFACE WATER D No: 3AX3 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 10:55
Ending:

RESULTS	UNITS	ANALYTE
0.050 U	UG/L	alpha-BHC
0.050 U	UG/L	beta-BHC
0.050 U	UG/L	delta-BHC
0.050 UJ	UG/L	gamma-BHC (Lindane)
0.050 UJ	UG/L	Heptachlor
0.050 U	UG/L	Aldrin
0.050 U	UG/L	Heptachlor Epoxide
0.050 U	UG/L	Endosulfan I (alpha)
0.10 UJ	UG/L	Dieldrin
0.10 UJ	UG/L	4,4'-DDE (p,p'-DDE)
0.10 UJ	UG/L	Endrin
0.10 U	UG/L	Endosulfan II (beta)
0.10 U	UG/L	4,4'-DDD (p,p'-DDD)
0.10 U	UG/L	Endosulfan Sulfate
0.10 UJ	UG/L	4,4'-DDT (p,p'-DDT)
0.50 UJ	UG/L	Methoxychlor
0.10 U	UG/L	Endrin Ketone
0.10 U	UG/L	Endrin Aldehyde
0.050 UJ	UG/L	alpha-Chlordane /2
0.050 UJ	UG/L	gamma-Chlordane /2
5.0 U	UG/L	Toxaphene
1.0 U	UG/L	PCB-1016 (Aroclor 1016)
2.0 U	UG/L	PCB-1221 (Aroclor 1221)
1.0 U	UG/L	PCB-1232 (Aroclor 1232)
1.0 U	UG/L	PCB-1242 (Aroclor 1242)
1.0 U	UG/L	PCB-1248 (Aroclor 1248)
1.0 U	UG/L	PCB-1254 (Aroclor 1254)
1.0 U	UG/L	PCB-1260 (Aroclor 1260)

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 **139** FY **2006** Project: **06-0044**

Pesticides & Aroclors Scan

Facility: Ciba-Geigy McIntosh, AL
Program: SF Case No: 34747
Id/Station: CG02SW /
Media: SURFACE WATER D No: 3AX4 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 12:20
Ending:

RESULTS	UNITS	ANALYTE
0.18 U	UG/L	alpha-BHC
0.050 U	UG/L	beta-BHC
0.045 J	UG/L	delta-BHC
0.050 UJ	UG/L	gamma-BHC (Lindane)
0.050 UJ	UG/L	Heptachlor
1.0	UG/L	Aldrin
0.13 U	UG/L	Heptachlor Epoxide
0.070 U	UG/L	Endosulfan I (alpha)
0.10 UJ	UG/L	Dieldrin
0.10 UJ	UG/L	4,4'-DDE (p,p'-DDE)
0.10 UJ	UG/L	Endrin
0.10 U	UG/L	Endosulfan II (beta)
0.10 U	UG/L	4,4'-DDD (p,p'-DDD)
0.11 U	UG/L	Endosulfan Sulfate
0.10 UJ	UG/L	4,4'-DDT (p,p'-DDT)
0.50 UJ	UG/L	Methoxychlor
0.10 U	UG/L	Endrin Ketone
0.10 U	UG/L	Endrin Aldehyde
0.050 UJ	UG/L	alpha-Chlordane /2
0.074 UJ	UG/L	gamma-Chlordane /2
5.0 U	UG/L	Toxaphene
1.0 U	UG/L	PCB-1016 (Aroclor 1016)
2.0 U	UG/L	PCB-1221 (Aroclor 1221)
1.0 U	UG/L	PCB-1232 (Aroclor 1232)
1.0 U	UG/L	PCB-1242 (Aroclor 1242)
1.0 U	UG/L	PCB-1248 (Aroclor 1248)
1.0 U	UG/L	PCB-1254 (Aroclor 1254)
1.0 U	UG/L	PCB-1260 (Aroclor 1260)

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 **130** FY **2006** Project: **06-0058**

SPECIFIED TESTS

Facility: Ciba-Geigy McIntosh, AL

Program: SF SAS Number:HERB

Id/Station: CG01SD /

Media: SEDIMENT D No: 01SD Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1300 UR	UG/KG	Diazinon

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 **131** FY **2006** Project: **06-0058**

SPECIFIED TESTS

Facility: Ciba-Geigy McIntosh, AL

Program: SF

Id/Station: CG01SDS /

Media: SEDIMENT D No: 01SDS

SAS Number:HERB

Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 11:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1300 UR	UG/KG	Diazinon

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 **132** FY **2006** Project: **06-0058**

SPECIFIED TESTS

Facility: Ciba-Geigy McIntosh, AL
Program: SF
Id/Station: CG01SW /
Media: SURFACE WATER D No: 01SW

SAS Number:HERB

Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 10:55
Ending:

RESULTS	UNITS	ANALYTE
62 UR	UG/L	Diazinon

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 **133** FY **2006** Project: **06-0058**

SPECIFIED TESTS

Facility: Ciba-Geigy McIntosh, AL
Program: SF
Id/Station: CG01SWS /
Media: SURFACE WATER D No: 01SWS

SAS Number:HERB

Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 10:55
Ending:

RESULTS	UNITS	ANALYTE
62 UR	UG/L	Diazinon

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 **134** FY **2006** Project: **06-0058**

SPECIFIED TESTS

Facility: Ciba-Geigy McIntosh, AL
Program: SF
Id/Station: CG02SW /
Media: SURFACE WATER D No: 02SW

SAS Number:HERB

Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: King, Charles
Project Leader: DHUNTER
Beginning: 10/13/2005 12:20
Ending:

RESULTS	UNITS	ANALYTE
4.2 NJ	UG/L	Diazinon

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 **142** FY **2006** Project: **06-0047**

SPECIFIED TESTS

Facility: Stauffer Chemical (Cold Creek Swamp) NPL, AL
Program: SF
Id/Station: SC01SD /
Media: SEDIMENT D No: 01SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 10:10
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1000 U	UG/KG	Butylate
R	UG/KG	Molinate
1000 U	UG/KG	Cycloate
1000 U	UG/KG	EPTC (Eptam)
1000 U	UG/KG	Pebulate (Tillam)
1000 UR	UG/KG	Vernam (Vernolate)

MOLINATE - CONFLICTING INFO FROM GC-NPD AND GC-MS.

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 **143** FY **2006** Project: **06-0047**

SPECIFIED TESTS

Facility: Stauffer Chemical (Cold Creek Swamp) NPL, AL
Program: SF
Id/Station: SC02SD /
Media: SEDIMENT D No: 02SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 10:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2600 C	UG/KG	Butylate
R	UG/KG	Molinate
1300 C	UG/KG	Cycloate
1500 C	UG/KG	EPTC (Eptam)
340 CJ	UG/KG	Pebulate (Tillam)
650 CJ	UG/KG	Vernam (Vernolate)

MOLINATE - CONFLICTING INFO FROM GC-NPD AND GC-MS.

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 **144** FY **2006** Project: **06-0047**

SPECIFIED TESTS

Facility: Stauffer Chemical (Cold Creek Swamp) NPL, AL
Program: SF
Id/Station: SC03SD /
Media: SEDIMENT D No: 03SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 10:55
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6800 C	UG/KG	Butylate
R	UG/KG	Molinate
630 CJ	UG/KG	Cycloate
1300 C	UG/KG	EPTC (Eptam)
290 CJ	UG/KG	Pebulate (Tillam)
670 CJ	UG/KG	Vernam (Vernolate)

MOLINATE - CONFLICTING INFO FROM GC-NPD AND GC-MS.

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 **145** FY **2006** Project: **06-0047**

SPECIFIED TESTS

Facility: Stauffer Chemical (Cold Creek Swamp) NPL, AL
Program: SF
Id/Station: SC04SD /
Media: SEDIMENT D No: 04SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 11:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1400 CJA	UG/KG	Butylate
R	UG/KG	Molinate
1000 U	UG/KG	Cycloate
300 CJA	UG/KG	EPTC (Eptam)
1000 U	UG/KG	Pebulate (Tillam)
630 UR	UG/KG	Vernam (Vernolate)

MOLINATE - CONFLICTING INFO FROM GC-NPD AND GC-MS.

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 **146** FY **2006** Project: **06-0037**

Volatiles Scan

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF Case No: 34740
Id/Station: QA01TB /
Media: TRIP BLANK - SOIL D No: 3B23 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:45
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 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)
15 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 UJ	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 UJ	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
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 **147** FY **2006** Project: **06-0037**

Volatiles Scan

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL01SD /
Media: SEDIMENT
Case No: 34740
MD No: 3B24
D No: 3B24
Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 13:45
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 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 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 UJ	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 UJ	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
28	%	% 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 **147** FY **2006** Project: **06-0037**

MISCELLANEOUS COMPOUNDS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL01SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B24
D No: 3B24

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 13:45
Ending:

RESULTS	UNITS	ANALYTE
38 J	UG/KG	3 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 **148** FY **2006** Project: **06-0037**

Volatiles Scan

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL02SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B25
D No: 3B25

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:35
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 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)
47 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 UJ	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
20	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 UJ	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
28	%	% 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 **148** FY **2006** Project: **06-0037**

MISCELLANEOUS COMPOUNDS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL02SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B25
D No: 3B25

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:35
Ending:

RESULTS	UNITS	ANALYTE
7 J	UG/KG	UNKNOWN
12 NJ	UG/KG	DIMETHYL SULFIDE
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 **147** FY **2006** Project: **06-0037**

SPECIFIED TESTS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL01SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B24
D No: 3B24

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.87 J	MG/KG	Total Mercury

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 **148** FY **2006** Project: **06-0037**

SPECIFIED TESTS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL02SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B25
D No: 3B25

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.60 UJ	MG/KG	Total Mercury

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 **147** FY **2006** Project: **06-0037**

SPECIFIED TESTS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL01SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B24
D No: 3B24

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 13:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.6 U	MG/KG	Cyanide

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 **148** FY **2006** Project: **06-0037**

SPECIFIED TESTS

Facility: Stauffer Chemical (LeMoyne Plant) NPL , AL
Program: SF
Id/Station: SL02SD /
Media: SEDIMENT

Case No: 34740
MD No: 3B25
D No: 3B25

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 14:35
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.5 U	MG/KG	Cyanide

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 **125** FY **2006** Project: **06-0038**

Extractables Scan

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC01SD /
Media: SEDIMENT D No: 3B44 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
690 U	UG/KG	Benzaldehyde
690 U	UG/KG	Phenol
690 U	UG/KG	bis(2-Chloroethyl) Ether
690 U	UG/KG	2-Chlorophenol
690 U	UG/KG	2-Methylphenol
690 UJ	UG/KG	bis(2-Chloroisopropyl) Ether
690 U	UG/KG	Acetophenone
690 U	UG/KG	(3-and/or 4-)Methylphenol
690 U	UG/KG	n-Nitroso di-n-Propylamine
690 U	UG/KG	Hexachloroethane
690 U	UG/KG	Nitrobenzene
690 U	UG/KG	Isophorone
690 U	UG/KG	2-Nitrophenol
690 U	UG/KG	2,4-Dimethylphenol
690 U	UG/KG	bis(2-Chloroethoxy)Methane
690 U	UG/KG	2,4-Dichlorophenol
690 U	UG/KG	Naphthalene
690 U	UG/KG	4-Chloroaniline
690 U	UG/KG	Hexachlorobutadiene
690 U	UG/KG	Caprolactam
690 U	UG/KG	4-Chloro-3-Methylphenol
690 U	UG/KG	2-Methylnaphthalene
690 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
690 U	UG/KG	2,4,6-Trichlorophenol
1700 U	UG/KG	2,4,5-Trichlorophenol
690 U	UG/KG	1,1-Biphenyl
690 U	UG/KG	2-Chloronaphthalene
1700 U	UG/KG	2-Nitroaniline
690 U	UG/KG	Dimethyl Phthalate
690 U	UG/KG	2,6-Dinitrotoluene
690 U	UG/KG	Acenaphthylene
1700 U	UG/KG	3-Nitroaniline
690 U	UG/KG	Acenaphthene
1700 U	UG/KG	2,4-Dinitrophenol
1700 U	UG/KG	4-Nitrophenol
690 U	UG/KG	Dibenzofuran
690 U	UG/KG	2,4-Dinitrotoluene
690 U	UG/KG	Diethyl Phthalate
690 U	UG/KG	Fluorene
690 U	UG/KG	4-Chlorophenyl Phenyl Ether
1700 UJ	UG/KG	4-Nitroaniline
1700 U	UG/KG	2-Methyl-4,6-Dinitrophenol
690 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
690 U	UG/KG	4-Bromophenyl Phenyl Ether
690 U	UG/KG	Hexachlorobenzene (HCB)
690 U	UG/KG	Atrazine
1700 U	UG/KG	Pentachlorophenol
690 U	UG/KG	Phenanthrene
690 U	UG/KG	Anthracene
690 U	UG/KG	Carbazole
690 U	UG/KG	Di-n-Butylphthalate
310 J	UG/KG	Fluoranthene
410 J	UG/KG	Pyrene
690 U	UG/KG	Benzyl Butyl Phthalate
690 U	UG/KG	3,3'-Dichlorobenzidine
150 J	UG/KG	Benzo(a)Anthracene
310 J	UG/KG	Chrysene
690 U	UG/KG	bis(2-Ethylhexyl) Phthalate
690 U	UG/KG	Di-n-Octylphthalate
260 J	UG/KG	Benzo(b)Fluoranthene
290 J	UG/KG	Benzo(k)Fluoranthene
150 J	UG/KG	Benzo-a-Pyrene
690 U	UG/KG	Indeno (1,2,3-cd) Pyrene
690 UJ	UG/KG	Dibenzo(a,h)Anthracene
690 U	UG/KG	Benzo(ghi)Perylene
52	%	% 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 **125** FY **2006** Project: **06-0038**

MISCELLANEOUS COMPOUNDS

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC01SD /
Media: SEDIMENT D No: 3B44 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:30
Ending:

RESULTS	UNITS	ANALYTE
17000 J	UG/KG	22 UNKNOWNS
530 NJ	UG/KG	Z-7-HEXADECENOIC ACID
770 NJ	UG/KG	N-HEXADECANOIC ACID
430 NJ	UG/KG	OLEIC ACID
270 J	UG/KG	METHYLCHRYSENE
1200 NJ	UG/KG	1-EICOSANOL
280 NJ	UG/KG	1-PENTADECANETHIOL
1200 NJ	UG/KG	STIGMAST-4-EN-3-ONE
1400 NJ	UG/KG	UNKNOWN CARBOXYLIC ACID
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 **126** FY **2006** Project: **06-0038**

Extractables Scan

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC02SD /
Media: SEDIMENT D No: 3B45 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
490 U	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 UJ	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 U	UG/KG	Caprolactam
490 U	UG/KG	4-Chloro-3-Methylphenol
490 U	UG/KG	2-Methylnaphthalene
490 U	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 U	UG/KG	2,4-Dinitrophenol
1200 U	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 UJ	UG/KG	4-Nitroaniline
1200 U	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 U	UG/KG	Atrazine
1200 U	UG/KG	Pentachlorophenol
490 U	UG/KG	Phenanthrene
490 U	UG/KG	Anthracene
490 U	UG/KG	Carbazole
490 U	UG/KG	Di-n-Butylphthalate
130 J	UG/KG	Fluoranthene
130 J	UG/KG	Pyrene
490 U	UG/KG	Benzyl Butyl Phthalate
490 U	UG/KG	3,3'-Dichlorobenzidine
490 UR	UG/KG	Benzo(a)Anthracene
100 J	UG/KG	Chrysene
490 U	UG/KG	bis(2-Ethylhexyl) Phthalate
490 U	UG/KG	Di-n-Octylphthalate
110 J	UG/KG	Benzo(b)Fluoranthene
100 J	UG/KG	Benzo(k)Fluoranthene
490 U	UG/KG	Benzo-a-Pyrene
490 U	UG/KG	Indeno (1,2,3-cd) Pyrene
490 UJ	UG/KG	Dibenzo(a,h)Anthracene
490 U	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 **126** FY **2006** Project: **06-0038**

MISCELLANEOUS COMPOUNDS

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC02SD /
Media: SEDIMENT D No: 3B45 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:40
Ending:

RESULTS	UNITS	ANALYTE
2900 J	UG/KG	14 UNKNOWNS
220 NJ	UG/KG	9-OCTADECENOIC ACID, (E)-
220 NJ	UG/KG	HEPTADECANOIC ACID
380 NJ	UG/KG	PERYLENE
290 NJ	UG/KG	CHOLESTEROL
150 NJ	UG/KG	CAMPESTEROL
130 NJ	UG/KG	(1S,2E,4S,5R,7E,11E)-CEMBRA-2,7,11-TRIEN-4,5,DIOL
380 NJ	UG/KG	STIGMAST-4-EN-3-ONE
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 **125** FY **2006** Project: **06-0038**

Pesticides & Aroclors Scan

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC01SD /
Media: SEDIMENT D No: 3B44 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3.5 U	UG/KG	alpha-BHC
3.5 U	UG/KG	beta-BHC
3.5 U	UG/KG	delta-BHC
3.5 U	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)
4.1 J	UG/KG	Dieldrin
2.3 J	UG/KG	4,4'-DDE (p,p'-DDE)
6.9 U	UG/KG	Endrin
6.9 U	UG/KG	Endosulfan II (beta)
6.9 U	UG/KG	4,4'-DDD (p,p'-DDD)
6.9 U	UG/KG	Endosulfan Sulfate
6.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
35 U	UG/KG	Methoxychlor
6.9 U	UG/KG	Endrin Ketone
6.9 U	UG/KG	Endrin Aldehyde
13 U	UG/KG	alpha-Chlordane /2
9.1	UG/KG	gamma-Chlordane /2
350 U	UG/KG	Toxaphene
69 U	UG/KG	PCB-1016 (Aroclor 1016)
140 U	UG/KG	PCB-1221 (Aroclor 1221)
69 U	UG/KG	PCB-1232 (Aroclor 1232)
69 U	UG/KG	PCB-1242 (Aroclor 1242)
69 U	UG/KG	PCB-1248 (Aroclor 1248)
69 U	UG/KG	PCB-1254 (Aroclor 1254)
69 U	UG/KG	PCB-1260 (Aroclor 1260)
52	%	% 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 **126** FY **2006** Project: **06-0038**

Pesticides & Aroclors Scan

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF Case No: 34741
Id/Station: RC02SD /
Media: SEDIMENT D No: 3B45 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	UG/KG	alpha-BHC
2.5 U	UG/KG	beta-BHC
2.5 U	UG/KG	delta-BHC
2.5 U	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)
2.1 NJ	UG/KG	Dieldrin
4.9 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
4.9 U	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
4.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.5 U	UG/KG	alpha-Chlordane /2
2.5 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 **128** FY **2006** Project: **06-0048**

SPECIFIED TESTS

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF
Id/Station: RC01SD /
Media: SEDIMENT D No: 01SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
980 UR	UG/KG	Vernam (Vernolate)

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 **129** FY **2006** Project: **06-0048**

SPECIFIED TESTS

Facility: Redwing Carrier Inc. NPL Site Saraland, AL
Program: SF
Id/Station: RC02SD /
Media: SEDIMENT D No: 02SD

SAS Number:HERB
Org Contractor: UGA

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/12/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
700 UR	UG/KG	Vernam (Vernolate)

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 **121** FY **2006** Project: **06-0039**

Volatiles Scan

Facility: Perdido Groundwater NPL Perdido, AL
Program: SF Case No: 34742
Id/Station: PG02GW /
Media: GROUNDWATER D No: 3B55 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 08:35
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **122** FY **2006** Project: **06-0039**

Volatiles Scan

Facility: Perdido Groundwater NPL Perdido, AL

Program: SF Case No: 34742

Id/Station: PG01GW /

Media: GROUNDWATER D No: 3B56 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 08:30
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **123** FY **2006** Project: **06-0039**

Volatiles Scan

Facility: Perdido Groundwater NPL Perdido, AL
Program: SF Case No: 34742
Id/Station: QA01TB /
Media: TRIP BLANK - WATER D No: 3B57 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 16:59
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dichlorodifluoromethane
10 U	UG/L	Chloromethane
10 U	UG/L	Vinyl Chloride
10 U	UG/L	Bromomethane
10 U	UG/L	Chloroethane
10 U	UG/L	Trichlorofluoromethane (Freon 11)
10 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
10 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
10 U	UG/L	Acetone
10 U	UG/L	Carbon Disulfide
10 U	UG/L	Methyl Acetate
10 U	UG/L	Methylene Chloride
10 U	UG/L	trans-1,2-Dichloroethene
10 U	UG/L	Methyl T-Butyl Ether (MTBE)
10 U	UG/L	1,1-Dichloroethane
10 U	UG/L	cis-1,2-Dichloroethene
10 U	UG/L	Methyl Ethyl Ketone
NA	UG/L	Bromochloromethane
10 U	UG/L	Chloroform
10 U	UG/L	1,1,1-Trichloroethane
10 U	UG/L	Cyclohexane
10 U	UG/L	Carbon Tetrachloride
10 U	UG/L	Benzene
10 U	UG/L	1,2-Dichloroethane
10 U	UG/L	Trichloroethene (Trichloroethylene)
10 U	UG/L	Methylcyclohexane
10 U	UG/L	1,2-Dichloropropane
10 U	UG/L	Bromodichloromethane
10 U	UG/L	cis-1,3-Dichloropropene
10 U	UG/L	Methyl Isobutyl Ketone
10 U	UG/L	Toluene
10 U	UG/L	trans-1,3-Dichloropropene
10 U	UG/L	1,1,2-Trichloroethane
10 UJ	UG/L	Tetrachloroethene (Tetrachloroethylene)
10 U	UG/L	Methyl Butyl Ketone

RESULTS	UNITS	ANALYTE
10 U	UG/L	Dibromochloromethane
10 U	UG/L	1,2-Dibromoethane (EDB)
10 U	UG/L	Chlorobenzene
10 U	UG/L	Ethyl Benzene
10 U	UG/L	Total Xylenes
10 U	UG/L	Styrene
10 U	UG/L	Bromoform
10 U	UG/L	Isopropylbenzene
10 U	UG/L	1,1,2,2-Tetrachloroethane
10 U	UG/L	1,3-Dichlorobenzene
10 U	UG/L	1,4-Dichlorobenzene
10 U	UG/L	1,2-Dichlorobenzene
10 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
10 U	UG/L	1,2,4-Trichlorobenzene
NA	UG/L	1,2,3-Trichlorobenzene

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 **161** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SD /
Media: SEDIMENT D No: 3AP4 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12000 U	UG/KG	Benzaldehyde
12000 U	UG/KG	Phenol
12000 U	UG/KG	bis(2-Chloroethyl) Ether
12000 U	UG/KG	2-Chlorophenol
12000 U	UG/KG	2-Methylphenol
12000 U	UG/KG	bis(2-Chloroisopropyl) Ether
3400 J	UG/KG	Acetophenone
12000 U	UG/KG	(3-and/or 4-)Methylphenol
12000 U	UG/KG	n-Nitroso di-n-Propylamine
12000 U	UG/KG	Hexachloroethane
12000 U	UG/KG	Nitrobenzene
12000 U	UG/KG	Isophorone
12000 U	UG/KG	2-Nitrophenol
2500 J	UG/KG	2,4-Dimethylphenol
12000 U	UG/KG	bis(2-Chloroethoxy)Methane
12000 U	UG/KG	2,4-Dichlorophenol
1300000	UG/KG	Naphthalene
12000 U	UG/KG	4-Chloroaniline
12000 U	UG/KG	Hexachlorobutadiene
12000 U	UG/KG	Caprolactam
12000 U	UG/KG	4-Chloro-3-Methylphenol
350000	UG/KG	2-Methylnaphthalene
12000 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
12000 U	UG/KG	2,4,6-Trichlorophenol
30000 U	UG/KG	2,4,5-Trichlorophenol
64000	UG/KG	1,1-Biphenyl
12000 U	UG/KG	2-Chloronaphthalene
30000 U	UG/KG	2-Nitroaniline
12000 U	UG/KG	Dimethyl Phthalate
12000 U	UG/KG	2,6-Dinitrotoluene
22000	UG/KG	Acenaphthylene
30000 U	UG/KG	3-Nitroaniline
330000	UG/KG	Acenaphthene
30000 UJ	UG/KG	2,4-Dinitrophenol
30000 U	UG/KG	4-Nitrophenol
270000	UG/KG	Dibenzofuran
12000 U	UG/KG	2,4-Dinitrotoluene
12000 U	UG/KG	Diethyl Phthalate
340000	UG/KG	Fluorene
12000 U	UG/KG	4-Chlorophenyl Phenyl Ether
30000 U	UG/KG	4-Nitroaniline
30000 U	UG/KG	2-Methyl-4,6-Dinitrophenol
12000 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
12000 U	UG/KG	4-Bromophenyl Phenyl Ether
12000 U	UG/KG	Hexachlorobenzene (HCB)
12000 U	UG/KG	Atrazine
30000 U	UG/KG	Pentachlorophenol
960000	UG/KG	Phenanthrene
140000	UG/KG	Anthracene
66000 J	UG/KG	Carbazole
12000 U	UG/KG	Di-n-Butylphthalate
440000	UG/KG	Fluoranthene
250000	UG/KG	Pyrene
12000 U	UG/KG	Benzyl Butyl Phthalate
12000 UJ	UG/KG	3,3'-Dichlorobenzidine
83000	UG/KG	Benzo(a)Anthracene
77000	UG/KG	Chrysene
12000 U	UG/KG	bis(2-Ethylhexyl) Phthalate
12000 U	UG/KG	Di-n-Octylphthalate
36000	UG/KG	Benzo(b)Fluoranthene
33000	UG/KG	Benzo(k)Fluoranthene
34000	UG/KG	Benzo-a-Pyrene
15000	UG/KG	Indeno (1,2,3-cd) Pyrene
5900 J	UG/KG	Dibenzo(a,h)Anthracene
11000 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 **161** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SD /
Media: SEDIMENT D No: 3AP4 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:40
Ending:

RESULTS		UNITS	ANALYTE
54000	NJ	UG/KG	BENZO [B] THIOPHENE
140000	NJ	UG/KG	BENZOCYCLOHEPTATRIENE
37000	NJ	UG/KG	NAPHTHALENE, 1,2-DIMETHYL-
82000	NJ	UG/KG	NAPHTHALENE, 1,5-DIMETHYL-
110000	NJ	UG/KG	NAPHTHALENE-DIMETHYL 2 ISOMERS
51000	NJ	UG/KG	NAPHTHALENE, 2,6-DIMETHYL-
31000	NJ	UG/KG	NAPHTHALENE, 1,4,6-TRIMETHYL
25000	NJ	UG/KG	SUBSTITUTED BENZENE
61000	NJ	UG/KG	FLUORENE, 2,4A-DIHYDRO-
29000	NJ	UG/KG	NAPTHALENE, 1-(2-PROPENYL)-
130000	NJ	UG/KG	FLUOREN-OLS 2 ISOMERS
42000	NJ	UG/KG	1,3,5,7-CYCLOOCTATETRAENE, 1-PHENYL-
86000	NJ	UG/KG	FLUORENES-METHYL- 2 ISOMERS
38000	J	UG/KG	METHYLFLUORENE
200000	J	UG/KG	4 UNKNOWNS
100000	NJ	UG/KG	DIBENZOTHIOPHENE
34000	J	UG/KG	ETHENYLANTHRACENE
140000	NJ	UG/KG	ANTHRACENE, 2-METHYL-
32000	NJ	UG/KG	NAPHTHO [2,3-B] NORBORNADIENE
29000	NJ	UG/KG	1H-CYCLOPROPA [L] PHENANTHRNE
42000	NJ	UG/KG	2-PHENYLNAPHTHALENE
76000	NJ	UG/KG	11H-BENZO [A] FLUORENE
58000	J	UG/KG	BENZOFLUORENE
	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 **162** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SDS /
Media: SEDIMENT D No: 3AP5 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
12000 U	UG/KG	Benzaldehyde
12000 U	UG/KG	Phenol
12000 U	UG/KG	bis(2-Chloroethyl) Ether
12000 U	UG/KG	2-Chlorophenol
12000 U	UG/KG	2-Methylphenol
12000 U	UG/KG	bis(2-Chloroisopropyl) Ether
4300 J	UG/KG	Acetophenone
12000 U	UG/KG	(3-and/or 4-)Methylphenol
12000 U	UG/KG	n-Nitroso di-n-Propylamine
12000 U	UG/KG	Hexachloroethane
12000 U	UG/KG	Nitrobenzene
12000 U	UG/KG	Isophorone
12000 U	UG/KG	2-Nitrophenol
2700 J	UG/KG	2,4-Dimethylphenol
12000 U	UG/KG	bis(2-Chloroethoxy)Methane
12000 U	UG/KG	2,4-Dichlorophenol
1400000	UG/KG	Naphthalene
12000 U	UG/KG	4-Chloroaniline
12000 U	UG/KG	Hexachlorobutadiene
12000 U	UG/KG	Caprolactam
12000 U	UG/KG	4-Chloro-3-Methylphenol
400000	UG/KG	2-Methylnaphthalene
12000 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
12000 U	UG/KG	2,4,6-Trichlorophenol
31000 U	UG/KG	2,4,5-Trichlorophenol
64000	UG/KG	1,1-Biphenyl
12000 U	UG/KG	2-Chloronaphthalene
31000 U	UG/KG	2-Nitroaniline
12000 U	UG/KG	Dimethyl Phthalate
12000 U	UG/KG	2,6-Dinitrotoluene
22000	UG/KG	Acenaphthylene
31000 U	UG/KG	3-Nitroaniline
380000	UG/KG	Acenaphthene
31000 UJ	UG/KG	2,4-Dinitrophenol
31000 U	UG/KG	4-Nitrophenol
290000	UG/KG	Dibenzofuran
12000 U	UG/KG	2,4-Dinitrotoluene
12000 U	UG/KG	Diethyl Phthalate
380000	UG/KG	Fluorene
12000 U	UG/KG	4-Chlorophenyl Phenyl Ether
31000 U	UG/KG	4-Nitroaniline
31000 U	UG/KG	2-Methyl-4,6-Dinitrophenol
12000 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
12000 U	UG/KG	4-Bromophenyl Phenyl Ether
12000 U	UG/KG	Hexachlorobenzene (HCB)
12000 U	UG/KG	Atrazine
31000 U	UG/KG	Pentachlorophenol
1000000	UG/KG	Phenanthrene
150000	UG/KG	Anthracene
63000 J	UG/KG	Carbazole
12000 U	UG/KG	Di-n-Butylphthalate
480000	UG/KG	Fluoranthene
280000	UG/KG	Pyrene
12000 U	UG/KG	Benzyl Butyl Phthalate
12000 UJ	UG/KG	3,3'-Dichlorobenzidine
86000	UG/KG	Benzo(a)Anthracene
76000	UG/KG	Chrysene
12000 U	UG/KG	bis(2-Ethylhexyl) Phthalate
12000 U	UG/KG	Di-n-Octylphthalate
35000	UG/KG	Benzo(b)Fluoranthene
38000	UG/KG	Benzo(k)Fluoranthene
35000	UG/KG	Benzo-a-Pyrene
13000	UG/KG	Indeno (1,2,3-cd) Pyrene
5200 J	UG/KG	Dibenzo(a,h)Anthracene
10000 J	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 **162** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SDS /
Media: SEDIMENT D No: 3AP5 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:40
Ending:

RESULTS		UNITS	ANALYTE
29000	NJ	UG/KG	2,4-DIMETHYLSTYRENE
50000	NJ	UG/KG	BENZO [B] THIOPHENE
140000	NJ	UG/KG	NAPHTHALENE, 1-METHYL-
210000	NJ	UG/KG	NAPHTHALENES, -DIMETHYL-3 ISOMERS
34000	NJ	UG/KG	NAPHTHALENE, 1,6-DIMETHYL-
30000	NJ	UG/KG	NAPHTHALENE, 1,4,5-TRIMETHYL-
58000	NJ	UG/KG	1,1'-BIPHENYL, 2-METHYL-
26000	NJ	UG/KG	NAPHTHALENE, 1-(2-PROPENYL)-
53000	NJ	UG/KG	9H-FLUOREN-9-OL
75000	NJ	UG/KG	DIBENZOFURAN, 4-METHYL-
40000	NJ	UG/KG	1,3,5,7-CYCLOOCTATETRAENE, 1-PHENYL
89000	NJ	UG/KG	FLUORENE, -METHYL- 2 ISOMERS
35000	NJ	UG/KG	9H-FLUORENE, 1-METHYL-
170000	J	UG/KG	5 UNKNOWNS
130000	NJ	UG/KG	DIBENZOTHIOPHENE
29000	NJ	UG/KG	DIBENZO [A,E] CYCLOOCTENE
130000	NJ	UG/KG	ANTHRACENE, -METHYL- 2 ISOMERS
26000	NJ	UG/KG	PHENANTHRENE, 2-METHYL-
100000	J	UG/KG	CYCLOPENTAPHENANTHRENE
80000	NJ	UG/KG	11H-BENZO [A] FLUORENE
65000	J	UG/KG	BENZOFLUORENE
27000	NJ	UG/KG	PYRENE, 2-METHYL-
	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 **163** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SW /
Media: SURFACE WATER D No: 3AP6 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:30
Ending:

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

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

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 **163** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SW /
Media: SURFACE WATER D No: 3AP6 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:30
Ending:

RESULTS	UNITS	ANALYTE
3 J	UG/L	TRICHLORPROPENE
7 NJ	UG/L	2 PHENOL-DIMETHYL-
3 J	UG/L	CYCLOPENTAPYRAN
4 NJ	UG/L	PHENOL, 2,4,6-TRIMETHYL-
3 J	UG/L	TRIMETHYLPHENOL
3 NJ	UG/L	PHENOL, 4-ETHYL-3-METHYL-
7 NJ	UG/L	PHENOL, 3-ETHYL-5-METHYL-
3 NJ	UG/L	PHENOL, 3,4,5-TRIMETHYL-
3 NJ	UG/L	PHENOL, 2,3,5-TRIMETHYL-
5 J	UG/L	2 UNKNOWNS
4 J	UG/L	BENZOTHIOPHENE
6 NJ	UG/L	1(2H)-ISOQUINOLINONE
2 J	UG/L	CYCLOPENTAPHENANTHRENE
N	UG/L	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 **164** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SWS /
Media: SURFACE WATER D No: 3AP7 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:30
Ending:

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

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

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 **164** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC01SWS /
Media: SURFACE WATER D No: 3AP7 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 09:30
Ending:

RESULTS		UNITS	ANALYTE
4	NJ	UG/L	PHENOL, 2,3,-DIMETHYL-
3	NJ	UG/L	PHENOL, 3,5-DIMETHYL-
16	J	UG/L	5 UNKNOWNS
13	NJ	UG/L	4 PHENOL, 2,4,6-TRIMETHYL-
2	J	UG/L	METHYLETHYLPHENOL
3	J	UG/L	TRIMETHYLPHENOL
4	NJ	UG/L	PHENOL, 4-ETHYL-3-METHYL-
3	NJ	UG/L	6-METHYL-4-INDANOL
15	NJ	UG/L	DIETHYLTOLUAMIDE
6	NJ	UG/L	1(2H)-ISOQUINOLINONE
7	J	UG/L	METHYLHYDROXYLQUINOLINE
	N	UG/L	PETROLEUM PRODUCT
8	NJ	UG/L	1,3-CYCLOHEXADIENE, 1-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 **165** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC02SD /
Media: SEDIMENT D No: 3AP8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 11:05
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
380 J	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
3400 U	UG/KG	2,4,5-Trichlorophenol
1400 U	UG/KG	1,1-Biphenyl
1400 U	UG/KG	2-Chloronaphthalene
3400 U	UG/KG	2-Nitroaniline
1400 U	UG/KG	Dimethyl Phthalate
1400 U	UG/KG	2,6-Dinitrotoluene
4700	UG/KG	Acenaphthylene
3400 U	UG/KG	3-Nitroaniline
560 J	UG/KG	Acenaphthene
3400 UR	UG/KG	2,4-Dinitrophenol
3400 UJ	UG/KG	4-Nitrophenol
380 J	UG/KG	Dibenzofuran
1400 U	UG/KG	2,4-Dinitrotoluene
1400 U	UG/KG	Diethyl Phthalate
760 J	UG/KG	Fluorene
1400 U	UG/KG	4-Chlorophenyl Phenyl Ether
3400 U	UG/KG	4-Nitroaniline
3400 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
1400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1400 U	UG/KG	4-Bromophenyl Phenyl Ether
1400 U	UG/KG	Hexachlorobenzene (HCB)
1400 U	UG/KG	Atrazine
3400 U	UG/KG	Pentachlorophenol
3600	UG/KG	Phenanthrene
3800	UG/KG	Anthracene
1400 U	UG/KG	Carbazole
1400 U	UG/KG	Di-n-Butylphthalate
16000	UG/KG	Fluoranthene
16000	UG/KG	Pyrene
1400 U	UG/KG	Benzyl Butyl Phthalate
1400 UJ	UG/KG	3,3'-Dichlorobenzidine
14000	UG/KG	Benzo(a)Anthracene
17000	UG/KG	Chrysene
1400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1400 U	UG/KG	Di-n-Octylphthalate
15000	UG/KG	Benzo(b)Fluoranthene
17000	UG/KG	Benzo(k)Fluoranthene
16000	UG/KG	Benzo-a-Pyrene
11000 J	UG/KG	Indeno (1,2,3-cd) Pyrene
3600	UG/KG	Dibenzo(a,h)Anthracene
4200 J	UG/KG	Benzo(ghi)Perylene
27	%	% 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 **165** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC02SD /
Media: SEDIMENT D No: 3AP8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 11:05
Ending:

RESULTS	UNITS	ANALYTE
1000 NJ	UG/KG	INDENE
46000 J	UG/KG	12 UNKNOWNS
1300 NJ	UG/KG	1H-CYCLOPROPA [L] PHENANTHRENE, 1A,9B-DIHYDRO-
2400 NJ	UG/KG	4H-CYCLOPROPA [DEF] PHENANTHRENE
1600 J	UG/KG	CYCLOPENTAPHENANTHRENONE
1200 NJ	UG/KG	ACEPHENANTHRYLENE, 4,5-DIHYDRO-
2300 NJ	UG/KG	BENZO [B] NAPHTHO [2,3-D] FURAN
16200 NJ	UG/KG	BENZO [B] FLUORENES 2 ISOMERS
5400 J	UG/KG	BENZOFLUORENE
2700 NJ	UG/KG	PYRENE, 2-METHYL-
2700 J	UG/KG	METHYLPYRENE
4000 NJ	UG/KG	PYRENE, 1-METHYL-
4800 NJ	UG/KG	BENZO [B] NAPHTHO [2,1-D] THIOPHENE
8600 NJ	UG/KG	TRIPHENYLENE, 2-METHYL-
7000 J	UG/KG	BENZOPYRENE
2300 NJ	UG/KG	DINAPHTHO [1,2-B:1',2'-D] FURAN
12000 J	UG/KG	BENZOFLUORANTHENE
3900 NJ	UG/KG	UNKNOWN PAH
3900 J	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 **166** FY **2006** Project: **06-0040**

Extractables Scan

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC02SW /
Media: SURFACE WATER D No: 3AP9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 10:50
Ending:

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

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

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 **166** FY **2006** Project: **06-0040**

MISCELLANEOUS COMPOUNDS

Facility: American Creosote Works Inc Louisville, MS
Program: SF Case No: 34743
Id/Station: AC02SW /
Media: SURFACE WATER D No: 3AP9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Arnett, Michael
Project Leader: DHUNTER
Beginning: 10/13/2005 10:50
Ending:

RESULTS	UNITS	ANALYTE
4 J	UG/L	UNKNOWN
24 J	UG/L	TRICHLOROPROPENE
3 NJ	UG/L	CYCLOPENTA (DEF) PHENANTHRENONE
N	UG/L	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 **168** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP99SW / MD No: 3B02 Inorg Contractor: BONNER
Media: SURFACE WATER

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:01
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Arsenic
10 U	UG/L	Lead

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 **169** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: QCPB01 / MD No: 3B03 Inorg Contractor: BONNER
Media: PRESERVATIVE BLANK

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:20
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Arsenic
10 U	UG/L	Lead

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 09:40**

Sample **170** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SD / MD No: 3B04 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B04 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.4 J	MG/KG	Arsenic
20	MG/KG	Lead
35	%	% 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 **171** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF
Id/Station: SP01SW /
Media: SURFACE WATER

Case No: 34739
MD No: 3B05
D No: 3B05

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:30
Ending:

RESULTS	UNITS	ANALYTE
10 U	UG/L	Arsenic
9.3 J	UG/L	Lead

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 **172** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP02SD / MD No: 3B06 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B06 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.1	MG/KG	Arsenic
150	MG/KG	Lead
68	%	% 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 **173** FY **2006** Project: **06-0046**

SPECIFIED TESTS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP03SD / MD No: 3B07 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B07 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.9	MG/KG	Arsenic
62	MG/KG	Lead
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.

Sample **170** FY **2006** Project: **06-0046**

Pesticides & Aroclors Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SD / MD No: 3B04 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B04 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	UG/KG	alpha-BHC
1.6 NJ	UG/KG	beta-BHC
1.2 NJ	UG/KG	delta-BHC
2.5 U	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)
1.3 J	UG/KG	Dieldrin
4.9 U	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
4.9 U	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
4.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.5 U	UG/KG	alpha-Chlordane /2
2.5 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 **171** FY **2006** Project: **06-0046**

Pesticides & Aroclors Scan

Facility: Sonford Products Flowood, MS
Program: SF
Id/Station: SP01SW /
Media: SURFACE WATER

Case No: 34739
MD No: 3B05
D No: 3B05

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:30
Ending:

RESULTS	UNITS	ANALYTE
0.050 U	UG/L	alpha-BHC
0.050 U	UG/L	beta-BHC
0.050 U	UG/L	delta-BHC
0.050 U	UG/L	gamma-BHC (Lindane)
0.050 U	UG/L	Heptachlor
0.050 U	UG/L	Aldrin
0.050 U	UG/L	Heptachlor Epoxide
0.050 U	UG/L	Endosulfan I (alpha)
0.10 U	UG/L	Dieldrin
0.10 U	UG/L	4,4'-DDE (p,p'-DDE)
0.10 U	UG/L	Endrin
0.10 U	UG/L	Endosulfan II (beta)
0.10 U	UG/L	4,4'-DDD (p,p'-DDD)
0.10 U	UG/L	Endosulfan Sulfate
0.10 U	UG/L	4,4'-DDT (p,p'-DDT)
0.50 U	UG/L	Methoxychlor
0.10 U	UG/L	Endrin Ketone
0.10 U	UG/L	Endrin Aldehyde
0.050 U	UG/L	alpha-Chlordane /2
0.050 U	UG/L	gamma-Chlordane /2
5.0 U	UG/L	Toxaphene
1.0 U	UG/L	PCB-1016 (Aroclor 1016)
2.0 U	UG/L	PCB-1221 (Aroclor 1221)
1.0 U	UG/L	PCB-1232 (Aroclor 1232)
1.0 U	UG/L	PCB-1242 (Aroclor 1242)
1.0 U	UG/L	PCB-1248 (Aroclor 1248)
1.0 U	UG/L	PCB-1254 (Aroclor 1254)
1.0 U	UG/L	PCB-1260 (Aroclor 1260)

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 **172** FY **2006** Project: **06-0046**

Pesticides & Aroclors Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP02SD / MD No: 3B06 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B06 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.3 U	UG/KG	alpha-BHC
9.8	UG/KG	beta-BHC
11	UG/KG	delta-BHC
3.0 NJ	UG/KG	gamma-BHC (Lindane)
5.3 U	UG/KG	Heptachlor
5.3 U	UG/KG	Aldrin
5.3 U	UG/KG	Heptachlor Epoxide
5.3 U	UG/KG	Endosulfan I (alpha)
18	UG/KG	Dieldrin
10 J	UG/KG	4,4'-DDE (p,p'-DDE)
10 U	UG/KG	Endrin
10 U	UG/KG	Endosulfan II (beta)
10 U	UG/KG	4,4'-DDD (p,p'-DDD)
10 U	UG/KG	Endosulfan Sulfate
10 U	UG/KG	4,4'-DDT (p,p'-DDT)
53 U	UG/KG	Methoxychlor
10 U	UG/KG	Endrin Ketone
10 U	UG/KG	Endrin Aldehyde
2.4 J	UG/KG	alpha-Chlordane /2
5.3 U	UG/KG	gamma-Chlordane /2
530 U	UG/KG	Toxaphene
100 U	UG/KG	PCB-1016 (Aroclor 1016)
210 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
68	%	% 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 **173** FY **2006** Project: **06-0046**

Pesticides & Aroclors Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP03SD / MD No: 3B07 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B07 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	UG/KG	alpha-BHC
2.5 U	UG/KG	beta-BHC
2.5 U	UG/KG	delta-BHC
2.5 U	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)
2.2 J	UG/KG	Dieldrin
1.2 NJ	UG/KG	4,4'-DDE (p,p'-DDE)
4.9 U	UG/KG	Endrin
4.9 U	UG/KG	Endosulfan II (beta)
4.9 U	UG/KG	4,4'-DDD (p,p'-DDD)
4.9 U	UG/KG	Endosulfan Sulfate
4.9 U	UG/KG	4,4'-DDT (p,p'-DDT)
25 U	UG/KG	Methoxychlor
4.9 U	UG/KG	Endrin Ketone
4.9 U	UG/KG	Endrin Aldehyde
2.5 U	UG/KG	alpha-Chlordane /2
2.5 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 **170** FY **2006** Project: **06-0046**

Extractables Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SD / MD No: 3B04 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B04 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
490 U	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 U	UG/KG	Caprolactam
490 U	UG/KG	4-Chloro-3-Methylphenol
490 U	UG/KG	2-Methylnaphthalene
490 U	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 UR	UG/KG	2,4-Dinitrophenol
1200 U	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 U	UG/KG	Atrazine
1200 U	UG/KG	Pentachlorophenol
490 U	UG/KG	Phenanthrene
490 U	UG/KG	Anthracene
490 U	UG/KG	Carbazole
490 U	UG/KG	Di-n-Butylphthalate
490 U	UG/KG	Fluoranthene
490 U	UG/KG	Pyrene
490 U	UG/KG	Benzyl Butyl Phthalate
490 UJ	UG/KG	3,3'-Dichlorobenzidine
490 U	UG/KG	Benzo(a)Anthracene
490 U	UG/KG	Chrysene
490 U	UG/KG	bis(2-Ethylhexyl) Phthalate
490 U	UG/KG	Di-n-Octylphthalate
490 U	UG/KG	Benzo(b)Fluoranthene
490 U	UG/KG	Benzo(k)Fluoranthene
490 U	UG/KG	Benzo-a-Pyrene
490 U	UG/KG	Indeno (1,2,3-cd) Pyrene
490 U	UG/KG	Dibenzo(a,h)Anthracene
490 U	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 **170** FY **2006** Project: **06-0046**

MISCELLANEOUS COMPOUNDS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SD / MD No: 3B04 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B04 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:40
Ending:

RESULTS	UNITS	ANALYTE
350 NJ	UG/KG	HEPTAFLUOROBUTYRIC ACID, N-PENTADECYL ESTER-
34000 J	UG/KG	27 UNKNOWNS
1300 NJ	UG/KG	.GAMMA.-SITOSTEROL
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 **171** FY **2006** Project: **06-0046**

Extractables Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SW / MD No: 3B05
Media: SURFACE WATER D No: 3B05

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:30
Ending:

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

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

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.
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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 **171** FY **2006** Project: **06-0046**

MISCELLANEOUS COMPOUNDS

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP01SW / MD No: 3B05
Media: SURFACE WATER D No: 3B05

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:30
Ending:

RESULTS	UNITS	ANALYTE
8 J	UG/L	2 UNKNOWNS
25 NJ	UG/L	1-PROPENE,1,1,2-TRICHLORO-

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.
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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.

Sample **172** FY **2006** Project: **06-0046**

Extractables Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP02SD / MD No: 3B06 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B06 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1000 U	UG/KG	Benzaldehyde
1000 U	UG/KG	Phenol
1000 U	UG/KG	bis(2-Chloroethyl) Ether
1000 U	UG/KG	2-Chlorophenol
1000 U	UG/KG	2-Methylphenol
1000 U	UG/KG	bis(2-Chloroisopropyl) Ether
1000 U	UG/KG	Acetophenone
1000 U	UG/KG	(3-and/or 4-)Methylphenol
1000 U	UG/KG	n-Nitroso di-n-Propylamine
1000 U	UG/KG	Hexachloroethane
1000 U	UG/KG	Nitrobenzene
1000 U	UG/KG	Isophorone
1000 U	UG/KG	2-Nitrophenol
1000 U	UG/KG	2,4-Dimethylphenol
1000 U	UG/KG	bis(2-Chloroethoxy)Methane
1000 U	UG/KG	2,4-Dichlorophenol
1000 U	UG/KG	Naphthalene
1000 U	UG/KG	4-Chloroaniline
1000 U	UG/KG	Hexachlorobutadiene
1000 U	UG/KG	Caprolactam
1000 U	UG/KG	4-Chloro-3-Methylphenol
1000 U	UG/KG	2-Methylnaphthalene
1000 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
1000 U	UG/KG	2,4,6-Trichlorophenol
2600 U	UG/KG	2,4,5-Trichlorophenol
1000 U	UG/KG	1,1-Biphenyl
1000 U	UG/KG	2-Chloronaphthalene
2600 U	UG/KG	2-Nitroaniline
1000 U	UG/KG	Dimethyl Phthalate
1000 U	UG/KG	2,6-Dinitrotoluene
1000 U	UG/KG	Acenaphthylene
2600 U	UG/KG	3-Nitroaniline
1000 U	UG/KG	Acenaphthene
2600 UR	UG/KG	2,4-Dinitrophenol
2600 U	UG/KG	4-Nitrophenol

RESULTS	UNITS	ANALYTE
1000 U	UG/KG	Dibenzofuran
1000 U	UG/KG	2,4-Dinitrotoluene
1000 U	UG/KG	Diethyl Phthalate
1000 U	UG/KG	Fluorene
1000 U	UG/KG	4-Chlorophenyl Phenyl Ether
2600 U	UG/KG	4-Nitroaniline
2600 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
1000 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
1000 U	UG/KG	4-Bromophenyl Phenyl Ether
1000 U	UG/KG	Hexachlorobenzene (HCB)
1000 U	UG/KG	Atrazine
2600 U	UG/KG	Pentachlorophenol
1000 U	UG/KG	Phenanthrene
1000 U	UG/KG	Anthracene
1000 U	UG/KG	Carbazole
1000 U	UG/KG	Di-n-Butylphthalate
350 J	UG/KG	Fluoranthene
390 J	UG/KG	Pyrene
1000 U	UG/KG	Benzyl Butyl Phthalate
1000 UJ	UG/KG	3,3'-Dichlorobenzidine
1000 U	UG/KG	Benzo(a)Anthracene
310 J	UG/KG	Chrysene
1000 U	UG/KG	bis(2-Ethylhexyl) Phthalate
1000 U	UG/KG	Di-n-Octylphthalate
380 J	UG/KG	Benzo(b)Fluoranthene
330 J	UG/KG	Benzo(k)Fluoranthene
240 J	UG/KG	Benzo-a-Pyrene
230 J	UG/KG	Indeno (1,2,3-cd) Pyrene
1000 U	UG/KG	Dibenzo(a,h)Anthracene
1000 U	UG/KG	Benzo(ghi)Perylene
68	%	% 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.
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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 **172** FY **2006** Project: **06-0046**

MISCELLANEOUS COMPOUNDS

Facility: Sonford Products Flowood, MS
Program: SF
Id/Station: SP02SD /
Media: SEDIMENT

Case No: 34739
MD No: 3B06
D No: 3B06

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:05
Ending:

RESULTS	UNITS	ANALYTE
95000 J	UG/KG	23 UNKNOWNS
4800 NJ	UG/KG	CHOLESTEROL
3000 NJ	UG/KG	STIGMASTEROL
17000 NJ	UG/KG	.GAMMA.-SITOSTEROL
6800 NJ	UG/KG	STIGMAST-4-EN-3-ONE
2700 NJ	UG/KG	HOP-22(29)-EN-3.BETA.-OL
95000 NJ	UG/KG	ANDROSTAN-6-ONE, (5.ALPHA.)-
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.
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Sample **173** FY **2006** Project: **06-0046**

Extractables Scan

Facility: Sonford Products Flowood, MS
Program: SF Case No: 34739
Id/Station: SP03SD / MD No: 3B07 Inorg Contractor: BONNER
Media: SEDIMENT D No: 3B07 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
490 U	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 U	UG/KG	Caprolactam
490 U	UG/KG	4-Chloro-3-Methylphenol
490 U	UG/KG	2-Methylnaphthalene
490 U	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 UR	UG/KG	2,4-Dinitrophenol
1200 U	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 U	UG/KG	Atrazine
1200 U	UG/KG	Pentachlorophenol
490 U	UG/KG	Phenanthrene
490 U	UG/KG	Anthracene
490 U	UG/KG	Carbazole
490 U	UG/KG	Di-n-Butylphthalate
490 U	UG/KG	Fluoranthene
490 U	UG/KG	Pyrene
490 U	UG/KG	Benzyl Butyl Phthalate
490 UJ	UG/KG	3,3'-Dichlorobenzidine
490 U	UG/KG	Benzo(a)Anthracene
490 U	UG/KG	Chrysene
490 U	UG/KG	bis(2-Ethylhexyl) Phthalate
490 U	UG/KG	Di-n-Octylphthalate
490 U	UG/KG	Benzo(b)Fluoranthene
490 U	UG/KG	Benzo(k)Fluoranthene
490 U	UG/KG	Benzo-a-Pyrene
490 U	UG/KG	Indeno (1,2,3-cd) Pyrene
490 U	UG/KG	Dibenzo(a,h)Anthracene
490 U	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 **173** FY **2006** Project: **06-0046**

MISCELLANEOUS COMPOUNDS

Facility: Sonford Products Flowood, MS
Program: SF
Id/Station: SP03SD /
Media: SEDIMENT

Case No: 34739
MD No: 3B07
D No: 3B07

Inorg Contractor: BONNER
Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

RESULTS	UNITS	ANALYTE
150 NJ	UG/KG	BENZALDEHYDE 3-HYDROXY-4-METHOXY-
5600 J	UG/KG	15 UNKNOWNS
450 NJ	UG/KG	1-EICOSANOL
360 NJ	UG/KG	1,2-TETRADECANEDIOL
2300 NJ	UG/KG	.GAMMA.-SITOSTEROL
2200 NJ	UG/KG	STIGMAST-4-EN-3-ONE
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.

DIOXINS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/31/2005 12:30**

Sample **196** FY **2006** Project: **06-0050**

Dioxin Scan

Facility: Sonford Products Flowood, MS

Program: SF

Id/Station: SP01SD /

Media: SEDIMENT D No: 01SD

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 14:40
Ending:

RESULTS	UNITS	ANALYTE
9.0	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
120 J	NG/KG	Tetrachlorodibenzodioxin (Total)
100	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
750 J	NG/KG	Pentachlorodibenzodioxin (Total)
330	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
1000	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
650	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
6700 J	NG/KG	Hexachlorodibenzodioxin (Total)
15000	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
26000 J	NG/KG	Heptachlorodibenzodioxin (Total)
220000 J	NG/KG	Octachlorodibenzodioxin
8.0	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
200 J	NG/KG	Tetrachlorodibenzofuran (Total)
39	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
74	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
1500 J	NG/KG	Pentachlorodibenzofuran (Total)
290	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
220	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
100	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
340	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
6900 J	NG/KG	Hexachlorodibenzofuran (Total)
3400	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
380	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
9300 J	NG/KG	Heptachlorodibenzofuran (Total)
6200 J	NG/KG	Octachlorodibenzofuran
650	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
460	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
500	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
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.

Sample **197** FY **2006** Project: **06-0050**

Dioxin Scan

Facility: Sonford Products Flowood, MS

Program: SF

Id/Station: SP02SD /

Media: SEDIMENT D No: 02SD

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:05
Ending:

RESULTS	UNITS	ANALYTE
120	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
2500 J	NG/KG	Tetrachlorodibenzodioxin (Total)
950	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
9500 J	NG/KG	Pentachlorodibenzodioxin (Total)
3400	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
11000	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
6300	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
67000 J	NG/KG	Hexachlorodibenzodioxin (Total)
110000 J	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
170000 J	NG/KG	Heptachlorodibenzodioxin (Total)
220000 J	NG/KG	Octachlorodibenzodioxin
74	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
3500 J	NG/KG	Tetrachlorodibenzofuran (Total)
420	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
770	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
18000 J	NG/KG	Pentachlorodibenzofuran (Total)
3100	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
2200	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
810	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
3800	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
73000 J	NG/KG	Hexachlorodibenzofuran (Total)
32000	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
3800	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
99000 J	NG/KG	Heptachlorodibenzofuran (Total)
37000 J	NG/KG	Octachlorodibenzofuran
6000 J	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
4400 J	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
4800 J	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
66	%	% 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 **198** FY **2006** Project: **06-0050**

Dioxin Scan

Facility: Sonford Products Flowood, MS

Program: SF

Id/Station: SP03SD /

Media: SEDIMENT D No: 03SD

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: Webster, Donna
Project Leader: DHUNTER
Beginning: 10/13/2005 15:15
Ending:

RESULTS	UNITS	ANALYTE
29	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
490 J	NG/KG	Tetrachlorodibenzodioxin (Total)
380	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
3000 J	NG/KG	Pentachlorodibenzodioxin (Total)
1000	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
2600	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
1200	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
13000 J	NG/KG	Hexachlorodibenzodioxin (Total)
29000	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
46000 J	NG/KG	Heptachlorodibenzodioxin (Total)
120000 J	NG/KG	Octachlorodibenzodioxin
28	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
780 J	NG/KG	Tetrachlorodibenzofuran (Total)
170	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
350	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
6600 J	NG/KG	Pentachlorodibenzofuran (Total)
1200	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
860	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
470	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
1500	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
18000 J	NG/KG	Hexachlorodibenzofuran (Total)
8100	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
1600	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
24000 J	NG/KG	Heptachlorodibenzofuran (Total)
11000	NG/KG	Octachlorodibenzofuran
1900	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
1500	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
1700	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
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 **152** FY **2006** Project: **06-0042**

Extractables Scan

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT01SD /
Media: SEDIMENT D No: 3AS2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
340 U	UG/KG	Benzaldehyde
340 U	UG/KG	Phenol
340 U	UG/KG	bis(2-Chloroethyl) Ether
340 U	UG/KG	2-Chlorophenol
340 U	UG/KG	2-Methylphenol
340 U	UG/KG	bis(2-Chloroisopropyl) Ether
340 U	UG/KG	Acetophenone
340 U	UG/KG	(3-and/or 4-)Methylphenol
340 U	UG/KG	n-Nitroso di-n-Propylamine
340 U	UG/KG	Hexachloroethane
340 U	UG/KG	Nitrobenzene
340 U	UG/KG	Isophorone
340 U	UG/KG	2-Nitrophenol
340 U	UG/KG	2,4-Dimethylphenol
340 U	UG/KG	bis(2-Chloroethoxy)Methane
340 U	UG/KG	2,4-Dichlorophenol
340 U	UG/KG	Naphthalene
340 U	UG/KG	4-Chloroaniline
340 U	UG/KG	Hexachlorobutadiene
340 U	UG/KG	Caprolactam
340 U	UG/KG	4-Chloro-3-Methylphenol
340 U	UG/KG	2-Methylnaphthalene
340 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
340 U	UG/KG	2,4,6-Trichlorophenol
850 U	UG/KG	2,4,5-Trichlorophenol
340 U	UG/KG	1,1-Biphenyl
340 U	UG/KG	2-Chloronaphthalene
850 U	UG/KG	2-Nitroaniline
340 U	UG/KG	Dimethyl Phthalate
340 U	UG/KG	2,6-Dinitrotoluene
340 U	UG/KG	Acenaphthylene
850 U	UG/KG	3-Nitroaniline
340 U	UG/KG	Acenaphthene
850 UR	UG/KG	2,4-Dinitrophenol
850 U	UG/KG	4-Nitrophenol
340 U	UG/KG	Dibenzofuran
340 U	UG/KG	2,4-Dinitrotoluene
340 U	UG/KG	Diethyl Phthalate
340 U	UG/KG	Fluorene
340 U	UG/KG	4-Chlorophenyl Phenyl Ether
850 U	UG/KG	4-Nitroaniline
850 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
340 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
340 U	UG/KG	4-Bromophenyl Phenyl Ether
340 U	UG/KG	Hexachlorobenzene (HCB)
340 U	UG/KG	Atrazine
880	UG/KG	Pentachlorophenol
340 U	UG/KG	Phenanthrene
340 U	UG/KG	Anthracene
340 U	UG/KG	Carbazole
340 U	UG/KG	Di-n-Butylphthalate
80 J	UG/KG	Fluoranthene
78 J	UG/KG	Pyrene
340 U	UG/KG	Benzyl Butyl Phthalate
340 UJ	UG/KG	3,3'-Dichlorobenzidine
340 U	UG/KG	Benzo(a)Anthracene
84 J	UG/KG	Chrysene
340 U	UG/KG	bis(2-Ethylhexyl) Phthalate
340 U	UG/KG	Di-n-Octylphthalate
340 U	UG/KG	Benzo(b)Fluoranthene
340 U	UG/KG	Benzo(k)Fluoranthene
340 U	UG/KG	Benzo-a-Pyrene
340 U	UG/KG	Indeno (1,2,3-cd) Pyrene
340 U	UG/KG	Dibenzo(a,h)Anthracene
340 U	UG/KG	Benzo(ghi)Perylene
2	%	% 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 **152** FY **2006** Project: **06-0042**

MISCELLANEOUS COMPOUNDS

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT01SD /
Media: SEDIMENT D No: 3AS2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

RESULTS	UNITS	ANALYTE
10000 J	UG/KG	26 UNKNOWNS
310 NJ	UG/KG	13-TERTADECEN-1-OL ACETATE
170 NJ	UG/KG	VITAMIN E
2100 NJ	UG/KG	.GAMMA.-SITOSTEROL
1300 NJ	UG/KG	STIGMAST-4-EN-3-ONE
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 **153** FY **2006** Project: **06-0042**

Extractables Scan

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT01SDS /
Media: SEDIMENT D No: 3AS3 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
340 U	UG/KG	Benzaldehyde
340 U	UG/KG	Phenol
340 U	UG/KG	bis(2-Chloroethyl) Ether
340 U	UG/KG	2-Chlorophenol
340 U	UG/KG	2-Methylphenol
340 U	UG/KG	bis(2-Chloroisopropyl) Ether
340 U	UG/KG	Acetophenone
340 U	UG/KG	(3-and/or 4-)Methylphenol
340 U	UG/KG	n-Nitroso di-n-Propylamine
340 U	UG/KG	Hexachloroethane
340 U	UG/KG	Nitrobenzene
340 U	UG/KG	Isophorone
340 U	UG/KG	2-Nitrophenol
340 U	UG/KG	2,4-Dimethylphenol
340 U	UG/KG	bis(2-Chloroethoxy)Methane
340 U	UG/KG	2,4-Dichlorophenol
340 U	UG/KG	Naphthalene
340 U	UG/KG	4-Chloroaniline
340 U	UG/KG	Hexachlorobutadiene
340 U	UG/KG	Caprolactam
340 U	UG/KG	4-Chloro-3-Methylphenol
340 U	UG/KG	2-Methylnaphthalene
340 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
340 U	UG/KG	2,4,6-Trichlorophenol
860 U	UG/KG	2,4,5-Trichlorophenol
340 U	UG/KG	1,1-Biphenyl
340 U	UG/KG	2-Chloronaphthalene
860 U	UG/KG	2-Nitroaniline
340 U	UG/KG	Dimethyl Phthalate
340 U	UG/KG	2,6-Dinitrotoluene
340 U	UG/KG	Acenaphthylene
860 U	UG/KG	3-Nitroaniline
340 U	UG/KG	Acenaphthene
860 UR	UG/KG	2,4-Dinitrophenol
860 U	UG/KG	4-Nitrophenol
340 U	UG/KG	Dibenzofuran
340 U	UG/KG	2,4-Dinitrotoluene
340 U	UG/KG	Diethyl Phthalate
340 U	UG/KG	Fluorene
340 U	UG/KG	4-Chlorophenyl Phenyl Ether
860 U	UG/KG	4-Nitroaniline
860 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
340 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
340 U	UG/KG	4-Bromophenyl Phenyl Ether
340 U	UG/KG	Hexachlorobenzene (HCB)
340 U	UG/KG	Atrazine
450 J	UG/KG	Pentachlorophenol
340 U	UG/KG	Phenanthrene
340 U	UG/KG	Anthracene
340 U	UG/KG	Carbazole
340 U	UG/KG	Di-n-Butylphthalate
340 U	UG/KG	Fluoranthene
76 J	UG/KG	Pyrene
340 U	UG/KG	Benzyl Butyl Phthalate
340 UJ	UG/KG	3,3'-Dichlorobenzidine
340 U	UG/KG	Benzo(a)Anthracene
75 J	UG/KG	Chrysene
340 U	UG/KG	bis(2-Ethylhexyl) Phthalate
340 U	UG/KG	Di-n-Octylphthalate
340 U	UG/KG	Benzo(b)Fluoranthene
340 U	UG/KG	Benzo(k)Fluoranthene
340 U	UG/KG	Benzo-a-Pyrene
340 U	UG/KG	Indeno (1,2,3-cd) Pyrene
340 U	UG/KG	Dibenzo(a,h)Anthracene
340 U	UG/KG	Benzo(ghi)Perylene
3	%	% 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 **153** FY **2006** Project: **06-0042**

MISCELLANEOUS COMPOUNDS

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT01SDS /
Media: SEDIMENT D No: 3AS3 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

RESULTS	UNITS	ANALYTE
7900 J	UG/KG	27 UNKNOWNS
490 NJ	UG/KG	13-TERTADECEN-1-OL ACETATE
1400 NJ	UG/KG	STIGMASTEROL, 22,23-DIHYDRO-
870 NJ	UG/KG	STIGMAST-4-EN-3-ONE
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 **154** FY **2006** Project: **06-0042**

Extractables Scan

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT02SD /
Media: SEDIMENT D No: 3AS4 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 19:05
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 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 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 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 UR	UG/KG	2,4-Dinitrophenol
940 U	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
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 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 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 **154** FY **2006** Project: **06-0042**

MISCELLANEOUS COMPOUNDS

Facility: Davis Timber Hattiesburg, MS
Program: SF Case No: 34745
Id/Station: DT02SD /
Media: SEDIMENT D No: 3AS4 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 19:05
Ending:

RESULTS	UNITS	ANALYTE
3900 J	UG/KG	16 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 **201** FY **2006** Project: **06-0049**

Dioxin Scan

Facility: Davis Timber Hattiesburg, MS

Program: SF

Id/Station: DT01SD /

Media: SEDIMENT D No: 01SD

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

RESULTS	UNITS	ANALYTE
2.4	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
86 J	NG/KG	Tetrachlorodibenzodioxin (Total)
45	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
380 J	NG/KG	Pentachlorodibenzodioxin (Total)
140	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
560	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
320	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
3300 J	NG/KG	Hexachlorodibenzodioxin (Total)
13000	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
21000 J	NG/KG	Heptachlorodibenzodioxin (Total)
93000 J	NG/KG	Octachlorodibenzodioxin
3.4	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
100 J	NG/KG	Tetrachlorodibenzofuran (Total)
16	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
35	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
690 J	NG/KG	Pentachlorodibenzofuran (Total)
93	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
83	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
33	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
150	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
3200 J	NG/KG	Hexachlorodibenzofuran (Total)
2400	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
210	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
7700 J	NG/KG	Heptachlorodibenzofuran (Total)
7700	NG/KG	Octachlorodibenzofuran
370	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
220	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
230	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
2.8	%	% 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 **202** FY **2006** Project: **06-0049**

Dioxin Scan

Facility: Davis Timber Hattiesburg, MS

Program: SF

Id/Station: DT01SDS /

Media: SEDIMENT D No: 01SDS

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 18:45
Ending:

RESULTS	UNITS	ANALYTE
3.3	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
130 J	NG/KG	Tetrachlorodibenzodioxin (Total)
60	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
510 J	NG/KG	Pentachlorodibenzodioxin (Total)
190	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
710	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
440	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
4200 J	NG/KG	Hexachlorodibenzodioxin (Total)
17000	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
27000 J	NG/KG	Heptachlorodibenzodioxin (Total)
92000 J	NG/KG	Octachlorodibenzodioxin
4.5	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
140 J	NG/KG	Tetrachlorodibenzofuran (Total)
19	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
43	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
840 J	NG/KG	Pentachlorodibenzofuran (Total)
120	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
100	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
41	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
190	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
4000 J	NG/KG	Hexachlorodibenzofuran (Total)
3200	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
270	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
11000 J	NG/KG	Heptachlorodibenzofuran (Total)
9200	NG/KG	Octachlorodibenzofuran
480	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
280	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
300	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
3.2	%	% 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.

DIOXINS SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 10/31/2005 17:48**

Sample **203** FY **2006** Project: **06-0049**

Dioxin Scan

Facility: Davis Timber Hattiesburg, MS

Program: SF

Id/Station: DT02SD /

Media: SEDIMENT D No: 02SD

SAS Number:DIOX

Org Contractor: PARADI

Produced by: Appleby, Charlie
Requestor: McLaughlin, Amy
Project Leader: DHUNTER
Beginning: 10/13/2005 19:05
Ending:

RESULTS	UNITS	ANALYTE
0.30 J	NG/KG	2,3,7,8-Tetrachlorodibenzodioxin
4.6 J	NG/KG	Tetrachlorodibenzodioxin (Total)
2.9	NG/KG	1,2,3,7,8-Pentachlorodibenzodioxin
22 J	NG/KG	Pentachlorodibenzodioxin (Total)
11	NG/KG	1,2,3,4,7,8-Hexachlorodibenzodioxin
50	NG/KG	1,2,3,6,7,8-Hexachlorodibenzodioxin
24	NG/KG	1,2,3,7,8,9-Hexachlorodibenzodioxin
240 J	NG/KG	Hexachlorodibenzodioxin (Total)
1100	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzodioxin
1800 J	NG/KG	Heptachlorodibenzodioxin (Total)
8600 J	NG/KG	Octachlorodibenzodioxin
0.34 U	NG/KG	2,3,7,8-Tetrachlorodibenzofuran
5.7 J	NG/KG	Tetrachlorodibenzofuran (Total)
1.2 J	NG/KG	1,2,3,7,8-Pentachlorodibenzofuran
3.2	NG/KG	2,3,4,7,8-Pentachlorodibenzofuran
45 J	NG/KG	Pentachlorodibenzofuran (Total)
7.6	NG/KG	1,2,3,4,7,8-Hexachlorodibenzofuran
5.5	NG/KG	1,2,3,6,7,8-Hexachlorodibenzofuran
2.7	NG/KG	1,2,3,7,8,9-Hexachlorodibenzofuran
10	NG/KG	2,3,4,6,7,8-Hexachlorodibenzofuran
220 J	NG/KG	Hexachlorodibenzofuran (Total)
190	NG/KG	1,2,3,4,6,7,8-Heptachlorodibenzofuran
16	NG/KG	1,2,3,4,7,8,9-Heptachlorodibenzofuran
610 J	NG/KG	Heptachlorodibenzofuran (Total)
630	NG/KG	Octachlorodibenzofuran
30	NG/KG	TEQ (Mammalian Toxic. Equiv. Value, From WHO TEQ-98)
17	NG/KG	TEQ (Avian Toxic. Equiv. Value, From WHO TEQ-98)
18	NG/KG	TEQ (Fish Toxic. Equiv. Value, From WHO TEQ-98)
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 **105** FY **2006** Project: **06-0041**

Volatiles Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF04SDS /

Media: SEDIMENT D No: 3AQ8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
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 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)
11 J	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 U	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 UJ	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 UJ	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
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 **105** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF04SDS /
Media: SEDIMENT D No: 3AQ8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
8 J	UG/KG	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 **106** FY **2006** Project: **06-0041**

Volatiles Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF04SD /

Media: SEDIMENT D No: 3AQ9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
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 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 J	UG/KG	Acetone
10 U	UG/KG	Carbon Disulfide
10 U	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 UJ	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 UJ	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
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 **106** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF04SD /
Media: SEDIMENT D No: 3AQ9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
6 J	UG/KG	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 **107** FY **2006** Project: **06-0041**

Volatiles Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF03SD /

Media: SEDIMENT D No: 3AR0 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:30
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 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 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 UJ	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 UJ	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
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 **107** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF03SD /
Media: SEDIMENT D No: 3AR0 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:30
Ending:

RESULTS	UNITS	ANALYTE
8 J	UG/KG	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 **108** FY **2006** Project: **06-0041**

Volatiles Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF02SD /

Media: SEDIMENT D No: 3AR1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:45
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 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)
12 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 UJ	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 UJ	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
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.

Sample **108** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF02SD /
Media: SEDIMENT D No: 3AR1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:45
Ending:

RESULTS	UNITS	ANALYTE
6 J	UG/KG	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 **109** FY **2006** Project: **06-0041**

Volatiles Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF01SD /

Media: SEDIMENT D No: 3AR2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 10:20
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 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)
19 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 UJ	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 UJ	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
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 **109** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF01SD /
Media: SEDIMENT D No: 3AR2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 10:20
Ending:

RESULTS	UNITS	ANALYTE
6 J	UG/KG	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 **105** FY **2006** Project: **06-0041**

Extractables Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF04SDS /

Media: SEDIMENT D No: 3AQ8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
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 U	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 UR	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
400 U	UG/KG	Phenanthrene
400 UJ	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 UJ	UG/KG	Fluoranthene
400 U	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
400 U	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
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 **105** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF04SDS /
Media: SEDIMENT D No: 3AQ8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
2400 J	UG/KG	10 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 **106** FY **2006** Project: **06-0041**

Extractables Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF04SD /

Media: SEDIMENT D No: 3AQ9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
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
96 J	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 U	UG/KG	Caprolactam
400 U	UG/KG	4-Chloro-3-Methylphenol
400 U	UG/KG	2-Methylnaphthalene
400 U	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 U	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 U	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
400 U	UG/KG	Phenanthrene
400 UJ	UG/KG	Anthracene
400 UJ	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 UJ	UG/KG	Fluoranthene
400 U	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
400 U	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 U	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 **106** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF04SD /
Media: SEDIMENT D No: 3AQ9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:15
Ending:

RESULTS	UNITS	ANALYTE
4100 J	UG/KG	14 UNKNOWNS
620 NJ	UG/KG	STIGMASTEROL
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 **107** FY **2006** Project: **06-0041**

Extractables Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF03SD /

Media: SEDIMENT D No: 3AR0 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:30
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 U	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 UR	UG/KG	2,4-Dinitrophenol
1000 UJ	UG/KG	4-Nitrophenol
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
400 U	UG/KG	Phenanthrene
400 UJ	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 UJ	UG/KG	Fluoranthene
400 U	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
400 U	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
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 **107** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF03SD /
Media: SEDIMENT D No: 3AR0 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:30
Ending:

RESULTS	UNITS	ANALYTE
320 J	UG/KG	3 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 **108** FY **2006** Project: **06-0041**

Extractables Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF02SD /

Media: SEDIMENT D No: 3AR1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
410 U	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 U	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 UR	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 U	UG/KG	Atrazine
1000 U	UG/KG	Pentachlorophenol
410 U	UG/KG	Phenanthrene
410 UJ	UG/KG	Anthracene
410 U	UG/KG	Carbazole
410 U	UG/KG	Di-n-Butylphthalate
410 UJ	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
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.

Sample **108** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF02SD /
Media: SEDIMENT D No: 3AR1 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 09:45
Ending:

RESULTS	UNITS	ANALYTE
1800 J	UG/KG	8 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 **109** FY **2006** Project: **06-0041**

Extractables Scan

Facility: Chemfax Gulfport, MS

Program: SF Case No: 34744

Id/Station: CF01SD /

Media: SEDIMENT D No: 3AR2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 10:20
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 U	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 UR	UG/KG	2,4-Dinitrophenol
1000 UJ	UG/KG	4-Nitrophenol
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
400 U	UG/KG	Phenanthrene
400 UJ	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 UJ	UG/KG	Fluoranthene
400 U	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
400 U	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 **109** FY **2006** Project: **06-0041**

MISCELLANEOUS COMPOUNDS

Facility: Chemfax Gulfport, MS
Program: SF Case No: 34744
Id/Station: CF01SD /
Media: SEDIMENT D No: 3AR2 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Farrier, Brian
Project Leader: DHUNTER
Beginning: 10/14/2005 10:20
Ending:

RESULTS	UNITS	ANALYTE
2300 J	UG/KG	13 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 **156** FY **2006** Project: **06-0043**

Extractables Scan

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW01SD /
Media: SEDIMENT D No: 3AT6 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 12:05
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

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

RESULTS	UNITS	ANALYTE
580 U	UG/KG	Dibenzofuran
580 U	UG/KG	2,4-Dinitrotoluene
580 U	UG/KG	Diethyl Phthalate
580 U	UG/KG	Fluorene
580 U	UG/KG	4-Chlorophenyl Phenyl Ether
1500 U	UG/KG	4-Nitroaniline
1500 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
580 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
580 U	UG/KG	4-Bromophenyl Phenyl Ether
580 U	UG/KG	Hexachlorobenzene (HCB)
580 U	UG/KG	Atrazine
1500 U	UG/KG	Pentachlorophenol
290 J	UG/KG	Phenanthrene
580 U	UG/KG	Anthracene
580 U	UG/KG	Carbazole
580 U	UG/KG	Di-n-Butylphthalate
870	UG/KG	Fluoranthene
650	UG/KG	Pyrene
580 U	UG/KG	Benzyl Butyl Phthalate
580 UJ	UG/KG	3,3'-Dichlorobenzidine
280 J	UG/KG	Benzo(a)Anthracene
520 J	UG/KG	Chrysene
990	UG/KG	bis(2-Ethylhexyl) Phthalate
580 U	UG/KG	Di-n-Octylphthalate
600	UG/KG	Benzo(b)Fluoranthene
410 J	UG/KG	Benzo(k)Fluoranthene
410 J	UG/KG	Benzo-a-Pyrene
430 J	UG/KG	Indeno (1,2,3-cd) Pyrene
580 U	UG/KG	Dibenzo(a,h)Anthracene
380 J	UG/KG	Benzo(ghi)Perylene
43	%	% 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 **156** FY **2006** Project: **06-0043**

MISCELLANEOUS COMPOUNDS

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW01SD /
Media: SEDIMENT D No: 3AT6 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 12:05
Ending:

RESULTS	UNITS	ANALYTE
47000 J	UG/KG	23 UNKNOWNS
2800 J	UG/KG	UNKNOWN PAH (2 ISOMERS)
1800 NJ	UG/KG	DODECANOIC ACID, HEXADECYL ESTER
1900 NJ	UG/KG	VITAMIN E
9100 NJ	UG/KG	.GAMMA.-SITOSTEROL
7000 NJ	UG/KG	2 (1H) NAPHTHALENONE, 3,5,6,7,8,8A,HEXAHYDRO-4,8A-DIME
4300 NJ	UG/KG	STIGMAST-4-E-3-ONE
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 **157** FY **2006** Project: **06-0043**

Extractables Scan

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW02SD /
Media: SEDIMENT D No: 3AT7 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 11:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

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

RESULTS	UNITS	ANALYTE
690 U	UG/KG	Dibenzofuran
690 U	UG/KG	2,4-Dinitrotoluene
690 U	UG/KG	Diethyl Phthalate
690 U	UG/KG	Fluorene
690 U	UG/KG	4-Chlorophenyl Phenyl Ether
1700 U	UG/KG	4-Nitroaniline
1700 UJ	UG/KG	2-Methyl-4,6-Dinitrophenol
690 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
NA	UG/KG	1,2,4,5-Tetrachlorobenzene
690 U	UG/KG	4-Bromophenyl Phenyl Ether
690 U	UG/KG	Hexachlorobenzene (HCB)
690 U	UG/KG	Atrazine
1700 U	UG/KG	Pentachlorophenol
390 J	UG/KG	Phenanthrene
280 J	UG/KG	Anthracene
690 U	UG/KG	Carbazole
690 U	UG/KG	Di-n-Butylphthalate
1300	UG/KG	Fluoranthene
1100	UG/KG	Pyrene
690 U	UG/KG	Benzyl Butyl Phthalate
690 UJ	UG/KG	3,3'-Dichlorobenzidine
420 J	UG/KG	Benzo(a)Anthracene
890	UG/KG	Chrysene
1600	UG/KG	bis(2-Ethylhexyl) Phthalate
690 U	UG/KG	Di-n-Octylphthalate
1000	UG/KG	Benzo(b)Fluoranthene
780	UG/KG	Benzo(k)Fluoranthene
660 J	UG/KG	Benzo-a-Pyrene
580 J	UG/KG	Indeno (1,2,3-cd) Pyrene
180 J	UG/KG	Dibenzo(a,h)Anthracene
470 J	UG/KG	Benzo(ghi)Perylene
52	%	% 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 **157** FY **2006** Project: **06-0043**

MISCELLANEOUS COMPOUNDS

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW02SD /
Media: SEDIMENT D No: 3AT7 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 11:50
Ending:

RESULTS	UNITS	ANALYTE
57000 J	UG/KG	21 UNKNOWNS
900 NJ	UG/KG	1,1'-BIPHENYL, BIS(1-METHYLETHYL)-
830 NJ	UG/KG	PYRENE, 1-METHYL-
2300 NJ	UG/KG	ANDROSTAN-6-ONE, (5.ALPHA.)-
5500 NJ	UG/KG	4 UNKNOWN PAHS
3900 NJ	UG/KG	STIGMAST-4-EN-3-ONE
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 **158** FY **2006** Project: **06-0043**

Extractables Scan

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW02SW /
Media: SURFACE WATER D No: 3AT8 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 11:45
Ending:

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

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

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 **159** FY **2006** Project: **06-0043**

Extractables Scan

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW03SD /
Media: SEDIMENT D No: 3AT9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 12:40
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
520 U	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 U	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 UR	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 U	UG/KG	Atrazine
1300 U	UG/KG	Pentachlorophenol
120 J	UG/KG	Phenanthrene
140 J	UG/KG	Anthracene
520 U	UG/KG	Carbazole
520 U	UG/KG	Di-n-Butylphthalate
380 J	UG/KG	Fluoranthene
340 J	UG/KG	Pyrene
520 U	UG/KG	Benzyl Butyl Phthalate
520 UJ	UG/KG	3,3'-Dichlorobenzidine
130 J	UG/KG	Benzo(a)Anthracene
270 J	UG/KG	Chrysene
520 U	UG/KG	bis(2-Ethylhexyl) Phthalate
520 U	UG/KG	Di-n-Octylphthalate
310 J	UG/KG	Benzo(b)Fluoranthene
160 J	UG/KG	Benzo(k)Fluoranthene
170 J	UG/KG	Benzo-a-Pyrene
190 J	UG/KG	Indeno (1,2,3-cd) Pyrene
520 U	UG/KG	Dibenzo(a,h)Anthracene
180 J	UG/KG	Benzo(ghi)Perylene
37	%	% 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.
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Sample **159** FY **2006** Project: **06-0043**

MISCELLANEOUS COMPOUNDS

Facility: Picayune Wood Treating Picayune, MS
Program: SF Case No: 34746
Id/Station: PW03SD /
Media: SEDIMENT D No: 3AT9 Org Contractor: LIBRTY

Produced by: Appleby, Charlie
Requestor: Umberto, Guzman
Project Leader: DHUNTER
Beginning: 10/14/2005 12:40
Ending:

RESULTS	UNITS	ANALYTE
110 NJ	UG/KG	4H-CYCLOPENTA [DEF] PHENANTHRENE
13000 J	UG/KG	20 UNKNOWNS
320 NJ	UG/KG	ANDROSTAN-6-ONE, (5.ALPHA.)-
2800 NJ	UG/KG	.GAMMA.-SITOSTEROL
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.
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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.