



UNDERGROUND STORAGE TANK AND REMEDIATION DIVISION ANNUAL LEGISLATIVE REPORT

FY 2012-2013



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INTRODUCTION

Purpose

This report provides an overview and highlights the accomplishments of the Underground Storage Tank and Remediation Division (USTRD) for FY 2012-13. It also provides a comprehensive annual update regarding cleanup activities and lists the state's inactive and abandoned sites as required by La. R.S. 30:2226.H.

Underground Storage Tank and Remediation Division Overview

As a division of the Office of Environmental Compliance, the USTRD is responsible for protecting the soil and groundwater resources of the state from unauthorized and historical releases to the environment from leaking underground storage tanks and other sources. Restoration and preservation of these resources is provided by the USTRD through cleanup incentives, consistent application of risk-based cleanup standards, partnerships with government and other organizations at all levels, cooperation with innovative cleanup technology markets, and public outreach through workshops and conferences.

Within the USTRD, the UST staff oversees underground storage tank removals, closures and cleanups, and ensures state compliance with the federal Energy Policy Act of 2005. The remediation staff of the USTRD investigates, evaluates, monitors, and oversees clean ups at both active facilities and abandoned properties. The remediation universe includes hazardous waste sites, solid waste sites, groundwater sites, Superfund sites, and Brownfields sites, as well as large chemical plants, refineries and other active facilities.

FY 2012-13 HIGHLIGHTS AND ACCOMPLISHMENTS

Inactive and Abandoned Sites Completed

The primary purpose of this report is to provide a comprehensive annual update regarding cleanup activities and to list the state's inactive and abandoned sites as required by La. R.S. 30:2226.H. The 41 inactive and abandoned sites completed by the USTRD during FY 2012-13 are mapped below and listed on pages 25-28.

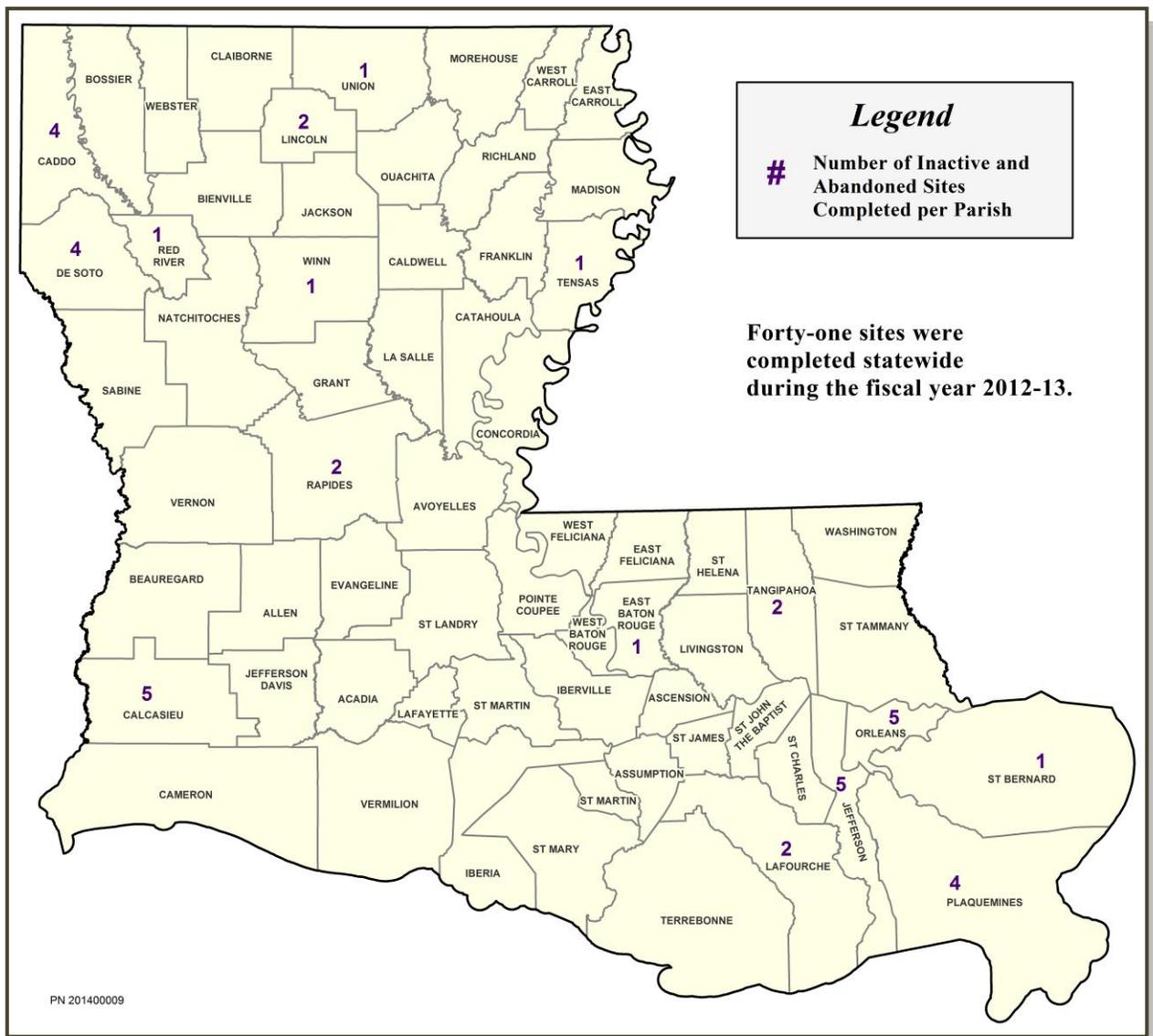


Figure 1. Number of inactive and abandoned sites completed in FY 2012-13

In addition to the 41 inactive and abandoned sites, the USTRD completed 197 more sites, providing a total of 238 completed sites in FY 2012-13. The additional 197 sites included underground storage tank sites, solid waste sites, hazardous waste sites, groundwater sites, and Voluntary Remediation Program (VRP) sites, or portions thereof.

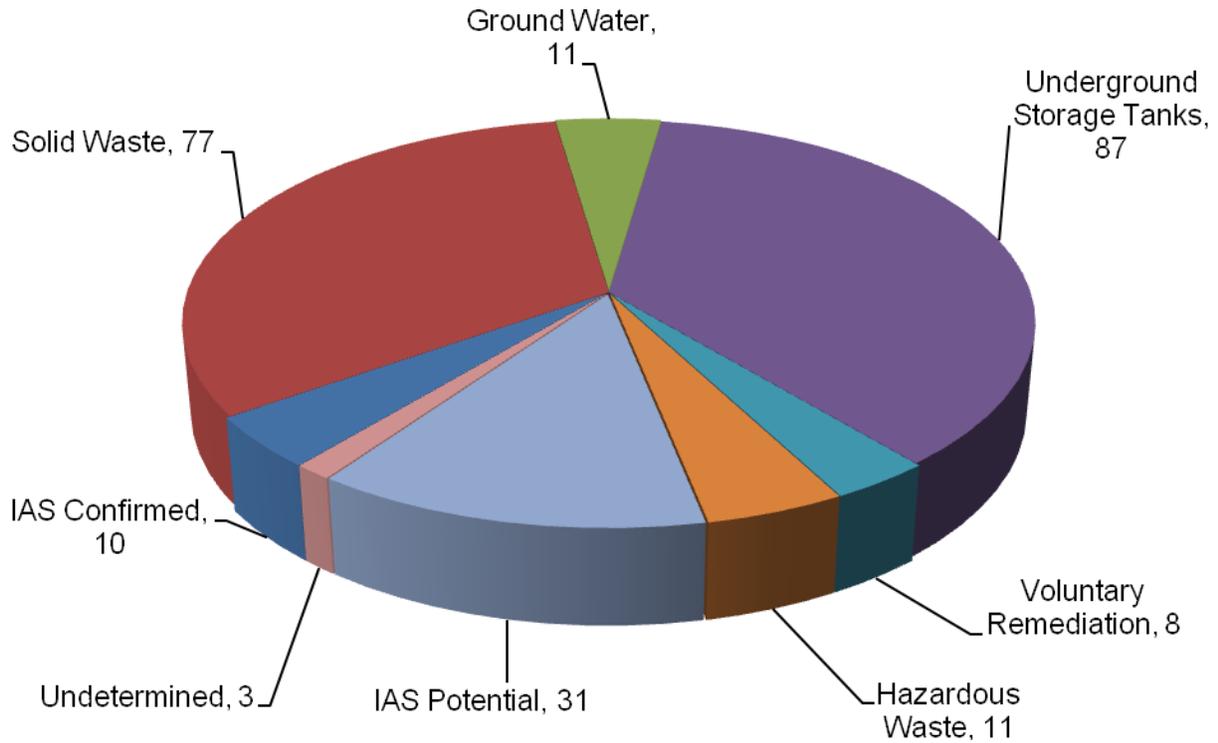


Figure 2. Number of sites completed by media in FY 2012-13

Risk Evaluation Corrective Action Program (RECAP)

It is clear in the Environmental Quality Act that risk to human health and the environment must be evaluated in the remedial decision-making process. This is LDEQ's primary statutory mandate for remediation activities. Along with development of the Risk Evaluation Corrective Action Program, the initial RECAP regulations were promulgated by LDEQ in December 1998 to fulfill this mandate. The RECAP regulations were revised through rulemaking in June 2000, and again in October 2003 to update toxicity information and to address those areas that proved to be problematic through implementation. The USTRD began an initiative to revise and further update its RECAP regulations and guidelines in May 2012 with the formation of an in-house technical work group and solicitation of input from interested parties. The primary purposes of these efforts are to revise the technical approaches and toxicity information applied within the RECAP framework to ensure that the most current and scientifically-defensible methods are used for the evaluation and remediation of contaminated sites, and to achieve site management decisions that are consistent with current US EPA health risk assessment recommendations.

Development of the revised regulations will continue through FY 14. LDEQ is continually working to improve this program and to ensure that the regulations are consistent with the latest scientific developments in this field.

BP Oil Spill Response

Several LDEQ USTRD staff continued to provide technical oversight and share duties in response to the BP Deepwater Horizon Oil Spill during FY 2012-13, serving as State On-Scene Coordinator, Environmental Unit Liaison, Shoreline Coastal Assessment Team (SCAT) Coordinator, and SCAT field team members at the Unified Command of the Gulf Coast Incident Management Team. The USTRD maintained coordination with the Louisiana Departments of Wildlife and Fisheries, Natural Resources, Coastal Protection and Restoration Authority, Louisiana Oil Spill Coordinator's Office, Health and Hospitals, and Agriculture and Forestry, as well as the US EPA and other federal agencies again this past year.

The remediation staff continued conducting shoreline monitoring, studying numerous toxicological issues, and performing its key role in data management. LDEQ remediation staff continued collecting data from all agencies for seafood, water and sediment testing. These data were reviewed and imported into the Louisiana Environmental Analytical Data Management System (LEADMS). Public accessibility to the data continues through a web-based, interactive database, which allows consumers the ability to view individual and total test results for Louisiana seafood for assurance in the safety of Louisiana seafood. The LDEQ USTRD staff spent over 5,500 hours performing all of these tasks during last fiscal year.

Federally Funded Programs

Government Performance Results Act (GPRA)

Other USTRD accomplishments included preparation for one Ready for Reuse facility determination to be made jointly with EPA Region 6, with three planned for FY 2013-14. Additionally, USTRD met or exceeded its goals for EPA Government Performance Results Act (GPRA) environmental indicators for federal FY 2012-13 at Resource Conservation and Recovery Act (RCRA) facilities with two determinations of human exposures controlled, two determinations of groundwater releases controlled, six facility-wide remedy selections, five facility-wide remedy construction completions, and three determinations for a new EPA indicator, Ready for Anticipated Use. This work is funded by the EPA Performance Partnership Grant.

Brownfields

Brownfields are underutilized sites that are either contaminated or perceived to be contaminated. These sites are evaluated and/or cleaned up so that properties already developed can be safely reused, conserving undeveloped areas for other uses. Through its Voluntary Remediation, Targeted Brownfields Assessment, Brownfields Investor Tax Credit, and Brownfields Revolving Loan Fund Programs, the LDEQ Brownfields Program has spent over \$3 million in federal grant funds to address over 145 properties, preparing them for redevelopment and reuse, and cleaning up over 1750 acres of distressed property - with conservative projected economic benefits to the state of over \$130 million and projected creation or preservation of nearly 2100 jobs.

The LDEQ Brownfields team has conducted several successful projects by utilizing EPA grant funding for purposes such as targeted brownfields assessments (TBAs), direct cleanups, technical assistance and outreach. During the past fiscal year, the Brownfields staff continued providing technical assistance to promote brownfields redevelopment throughout the state. Nearly all of the LDEQ TBA projects and all ten of the LDEQ direct cleanups have been or are being conducted in direct partnership with local Brownfields programs. For both TBAs and direct cleanups, local partners participate directly in site selection and LDEQ provides regulatory and technical assistance to these partners from concept to completion. Direct cleanups often involve nonprofit entities within the local program's jurisdiction, so both LDEQ and the local government partner are able to provide experienced assistance to the nonprofit organization.

The local programs are often in need of assessment funding, so the LDEQ TBA program provides them with a means to assess properties, thereby positioning them for cleanup funding. LDEQ has expended approximately \$1.4 million for TBAs at Louisiana brownfields properties.

Direct cleanup funds then help move local properties to redevelopment. Ten direct cleanups have been or are being funded by the LDEQ Brownfields program statewide. Direct cleanups completed include three properties in Shreveport, two in Baton Rouge, and one each in Westwego and Lake Charles. Two more direct cleanups are underway in New Orleans and one is pending startup in Baton Rouge. These projects have provided over \$1.5 million in cleanup funds to local governments and nonprofits for cleanup of brownfields properties in Louisiana.

Underground Storage Tanks

Energy Policy Act

The federal Energy Policy Act of 2005 is aimed at reducing the number of underground storage tank releases to the environment by focusing on prevention. The main components of the Energy Policy Act are:

- delivery prohibition,
- secondary containment,
- public record,
- inspections, and
- operator training.

The LDEQ UST staff has worked closely with UST industry representatives, including UST owners, operators, contractors and other stakeholders, in order to successfully implement the requirements of each section of the Energy Policy Act. LDEQ has consistently met all the requirements of the UST provisions of the Energy Policy Act of 2005 with the exception of the three-year inspection cycle requirement. In 2012, EPA re-defined the three-year cycle to ensure that every facility is inspected within three years of its last inspection. LDEQ is in the process of ensuring that the new three-year requirement interpretation is being met. The number of inspections overdue based on the 2012 re-interpretation has been reduced from 135 in FY 13 to 21 in FY 14.

The UST Delivery Prohibition regulations allow LDEQ to immediately prohibit delivery into, or “red tag”, underground storage tanks that do not meet upgrade requirements or are otherwise noncompliant. In order to provide adequate notification to product deliverers, LDEQ publishes a list of “red tagged” facilities on the LDEQ website (www.deq.louisiana.gov). This list is updated whenever facilities are added and removed from the list. LDEQ also provides emails and faxes to all identified active bulk fuel distributors every time a red tag is applied or removed from a UST. From the period of July 1, 2012 to June 30, 2013, LDEQ UST staff has red tagged 17 tanks at 6 facilities.

States are required by the federal Energy Policy Act to maintain, update at least annually, and make available to the public a record of: the number of underground storage tanks regulated; the number, sources, and causes of underground storage tank releases if known; the record of underground storage tank compliance; and data on equipment failures. Since December 2008, LDEQ has annually published a Public Record report on the LDEQ website (www.deq.louisiana.gov).

Initial compliance inspections were required to be conducted for every UST facility by August 8, 2007 to meet federal Energy Policy Act requirements. LDEQ met this requirement by utilizing LDEQ staff, LDEQ contractors and EPA contractors. Following the initial inspections, each UST facility is required to be re-inspected for compliance at least once every three years. From the period July 1, 2012 to June 30, 2013, LDEQ UST staff and its contractor completed a combined total of 1628 compliance evaluation inspections.

In addition to the compliance evaluation inspections required by the federal Energy Policy Act, LDEQ UST staff conducted 107 UST closure inspections, 52 UST installation and repair inspections, 25 follow-ups or re-visits, and 20 general or incident-related inspections between July 1, 2012 and June 30, 2013.

In February 2010, LDEQ promulgated regulations requiring training for all UST operators by August 8, 2012, in accordance with the federal Energy Policy Act. LDEQ has been sponsoring UST Operator Training seminars and the program is being administered by Louisiana Compliance Services, LLC (LCS), a subsidiary of the Louisiana Oil Marketers and Convenience Store Association (LOMCSA), through a cooperative agreement with LDEQ. Funding is provided through the Louisiana Motor Fuels Underground Storage Tank Trust Fund. The first training seminar was held on March 10, 2010. Between July 1, 2012 and June 30, 2013, 20 UST operator training seminars were conducted which resulted in a total of 840 certified UST operators representing approximately 362 UST facilities.

The LDEQ UST staff is also responsible for responding to UST-related complaints and UST-related incidents (confirmed or suspected releases) that are reported. Each of these incidents requires an investigation (one or multiple site inspections, review of data or paperwork, or oversight of an assessment or remediation activities), a database entry, a report, and a review of all information by a supervisor and/or senior scientist. LDEQ UST staff responded to 490 incidents from July 1, 2012 to June 30, 2013.

FY 2012-13 HAZARDOUS WASTE SITE CLEANUP FUND

Purpose

The Hazardous Waste Site Cleanup Fund (HWSCF) provides for statewide identification, investigation, containment, control and cleanup of both hazardous and non-hazardous waste sites that have been determined priority sites by LDEQ. In addition to providing for state-funded work at these waste sites, the HWSCF is also used to match EPA-funded cleanup work at Superfund sites, to match EPA-funded priority removal work at other sites, to fund long-term operation and maintenance contracts at Superfund sites where remedy construction has been completed, and to provide supplemental funding for related projects.

At the end of FY 2012-13, there were 216 confirmed inactive and abandoned waste sites in the remediation site universe. Confirmed sites with no financially solvent responsible parties may be eligible for remediation with government funding from EPA Superfund (if they qualify) or the HWSCF. In addition to the 216 confirmed sites, there were 293 sites possibly needing evaluation as of the end of FY 2012-13. These are termed potential sites by the Remediation staff. Comprehensive lists of all of the inactive and abandoned confirmed and potential sites known as of June 30, 2013 are also provided in this report on pages 29-40, and they are mapped on page 43.

Site Prioritization System

The Remediation staff applies the HWSCF Site Prioritization System to confirmed hazardous and non-hazardous waste sites which may be funded by the HWSCF. Each site is prioritized by a numerical ranking system based on: health risks, groundwater and surface water contamination, owner/operator recalcitrance or refusal to comply with department required actions, site owner/operator financial capabilities, eligibility for any other viable funding mechanisms, availability of money within the fund, and determination by the Secretary that the fund should be used to facilitate actions in a timely manner to abate emergencies. The goal of the prioritization scheme is to allow the Remediation staff to maximize risk reduction in proportion to the fund dollars spent. The Remediation staff uses the prioritization numerical ranking system as a tool to achieve this goal. There were 46 eligible inactive and abandoned waste sites on the HWSCF Prioritization List as of the end of FY 2012-13.

The following projects were conducted using the HWSCF during FY 2012-13:

- Interim Corrective Action Surface Removal at the Stevens Site, Tract 15;
- Groundwater Sampling at the Ida Gasoline Company site;
- Waste Characterization, UST Evaluation and Waste Removal at the Southwest Louisiana Tank Cleaners site;
- Site Investigation and Groundwater Classification at the Tiger Heights site; and
- Well Survey at the Tate Cove site.

Use for Superfund Sites

LDEQ continued its operation and maintenance contracts during FY 2012-13, and continued additional clearing, grubbing and tree removal at the Delatte Metals site. A total of \$671,344 was paid from the HWSCF to LDEQ contractors for continuing long-term maintenance work at three Superfund sites: Bayou Bonfouca, Delatte Metals, and Madisonville Wood Preserving. The state is responsible for funding and implementing long-term operation and maintenance at these sites until determined to be no longer necessary through five-year reviews. In future years, the state will be responsible for maintenance at additional Superfund sites, as remedial work is completed.

LDEQ also paid \$187,438 in FY 2012-13 for 10% state match for EPA-funded remediation at the American Creosote Works Superfund site in accordance with its Superfund State Contract with EPA Region 6.

Future Plans

In FY 2013-14, the Remediation staff anticipates initiating interim corrective action, investigation, and priority based corrective action on confirmed sites, Preliminary Evaluation Assessment Phase II on potential sites, and site investigations services as needed for investigation. Additionally, the HWSCF will be used to fund abstract services and costs to file liens for sites where the owners/operators have provided sufficient evidence that they do not have the financial capability to undertake remediation work. The USTRD will also continue using the HSWCF to match EPA cleanup work at Superfund sites, to continue long-term operation and maintenance contracts at Superfund sites, and to provide supplemental funding for abandoned UST sites if needed.

FY 2012-13 SITE SUMMARIES

Marine Shale Processors – Interim Remedial Measures

In September 2006, a stipulated settlement and judgment awarded by the US District Court for the Western District of Louisiana provided that \$6,225,995 plus interest be paid to the LDEQ for closure and remediation of contamination at the Marine Shale Processors (MSP) facility and / or the Recycling Park Inc. (RPI) facility. An additional letter of credit, approximately \$850,000, posted by MSP was also transferred to LDEQ for the cleanup.

The LDEQ awarded a contract in 2007 to begin remediation activities at MSP. The site, located on 9828 Highway 182 East in the Amelia area, was the location of a hazardous waste incinerator. The initial removal action, which addressed only the tanks in critical condition and in danger of failure, was completed in March 2008 at a cost of \$2,002,145. This initial removal work, which was overseen by the LDEQ remediation staff, included:

- Treatment and off-site disposal of 2,317.36 tons of waste material;
- Recycling of 289.55 tons of steel from 13 storage tanks; and
- Treatment and off-site disposal of 194,534 gallons of waste water.

In March 2009, the LDEQ negotiated a cooperative agreement with a group of potentially responsible parties (PRPs) to complete a facility-wide investigation and corrective action study for the remainder of the facility. The MSP PRP group then requested to postpone the investigation and conduct Interim Remedial Measures (IRM) to remove the remaining above ground waste and to dismantle the bulk of the facility, using the MSP escrow funds. This would allow better access to the site for investigation and would address any potential surface releases from the remedial actions. The LDEQ consented to this course of action and subsequently received the Interim Remedial Measures Project Plan (IRMPP) in October 2009. The PRP group was required to submit detailed cost estimates for LDEQ review and approval. The LDEQ requested concurrence from its federal partners prior to dispersing funds from the MSP escrow account.

The objective of the IRMPP was the removal and proper disposal of remaining waste materials at permitted, off-site waste facilities to prevent migration of waste and to prevent exposure to human and environmental receptors. The IRMPP addressed the following:

- Plugging and abandonment of damaged monitoring wells; (Monitoring wells were plugged and abandoned using the LDEQ coring contract. This was done to prevent damage and incidental contamination of the wells during the IRM.)
- Removal of above ground waste; and
- Decontamination, demolition, and removal of most of the structures and all equipment.

A hazard assessment conducted in March 2010 included identification of worker health and safety issues posed by the site work, extensive sampling of accessible waste material, and hazard categorization and packing of both containerized and unsecured chemicals from several areas of the site. This information was used by the PRP group and their consultants in the development of bid packages for the IRM. Bid packages were then generated for three different scopes of work described below:

- The On-site Services Contract included removal and loading of wastes, decontamination and demolition of specified tanks, vessels, buildings and other on-site structures, and on-site management and discharge of non-contact storm water;
- The Off-site Transportation and Disposal Contract included off-site transportation and disposal of wastes stored on the site; and
- The Contact Water Management Contract included collection, transportation, treatment and discharge of contact storm water and waste water generated on-site.

Competitive bids for the first two scopes of work were obtained and reviewed. A member of the PRP group agreed to provide contact water management services. The group obtained LDEQ concurrence before awarding the On-Site Services Contract to Brandenburg, the Off-Site Transportation and Disposal Contract to Clean Harbors Environmental Services, and the Contact Water Management Contract also to Clean Harbors Environmental Services. The PRP group also retained Environmental Resources Management as its consultant and to provide oversight of the IRM work for the PRP group. The group submitted cost estimates to LDEQ for approval in order to be reimbursed from the escrow funds. The LDEQ requested comments from our federal partners in accordance with the Memorandum of Understanding (MOU) prior to approving associated costs.

A number of meetings were held over the next several months with the LDEQ, the PRP group and their contractors to finalize aspects of the bidding and procurement for the IRM. A pre-demolition survey was conducted by the On-Site Services Contractor on December 5, 2012. Mobilization to the site began on January 25, 2013 with a site walk for LDEQ and the contractors to discuss overall approach, water management, and roles and responsibilities.

Following site preparation, contractors pumped initial contact water from the site to containers for off-site disposal. After the initial removal, active work zones were maintained such that only storm water in active work zones was managed as contact storm water. The major components of the IRM work included demolition of the white house, decontamination and demolition of the tank farm area, decontamination and demolition of the primary kiln area, stabilization of waste in the barges, removal and disposal of compressed gas cylinders, decontamination and demolition of the thermal oxidizer area, decontamination and demolition of the supplemental kiln area which included an asbestos abatement, and decontamination and demolition of the dock area.

Prior to demolition activities in each area, fuel and oil was drained from equipment and piping. Any unknown waste was identified and sampled for proper characterization and disposal. Sampling continued throughout the project as new waste streams were identified and waste profiles were generated for disposal. Sampling was also conducted for confirmation of on-site stabilization when required prior to transportation and disposal. Treatment and disposal options

varied between waste streams. The most cost effective methodology was chosen based on factors such as manpower, equipment, materials, and transportation and disposal rates. Each disposal facility typically conducted treatability studies on each waste stream prior to acceptance.

Coordination between the on-site contractors was imperative as their work was interdependent. LDEQ and Environmental Resources Management facilitated communication and planning between Brandenburg and Clean Harbors Environmental Services to minimize downtime and costs. Safety was an immense concern due to the severe corrosion and deterioration of the plant.



Demolition of kiln area after piping was drained



Demolition of thermal oxidizers



Close-up of thermal oxidizers showing corrosion

Work plans, work permits, and health and safety plans were continually developed and updated as new tasks were identified and as the work progressed. Another important aspect of the work was continually maintaining the contact water management zones exclusively in the active work zones. Non-contact water was discharged to the nearby bayou via the multi-sector general permit for storm water, resulting in a significant cost savings of approximately \$665,000.

A number of unexpected and unplanned activities required LDEQ and the contractors to work closely in order to update and agree on changes in scope and at times, use of additional funding. These activities were affected by the length of time (over 16 years) the waste was entrained in some of the tanks which made it more difficult to remove due to compaction and the

infiltration of rain water. The deteriorated state of the oxidizers significantly slowed the demolition process, requiring removal in smaller sections. Asbestos was encountered in the supplemental kiln, requiring an abatement before demolition could proceed. A super sack of naturally occurring radioactive material (NORM) was found in the dock area, requiring the services of a specialized contractor for removal and disposal.

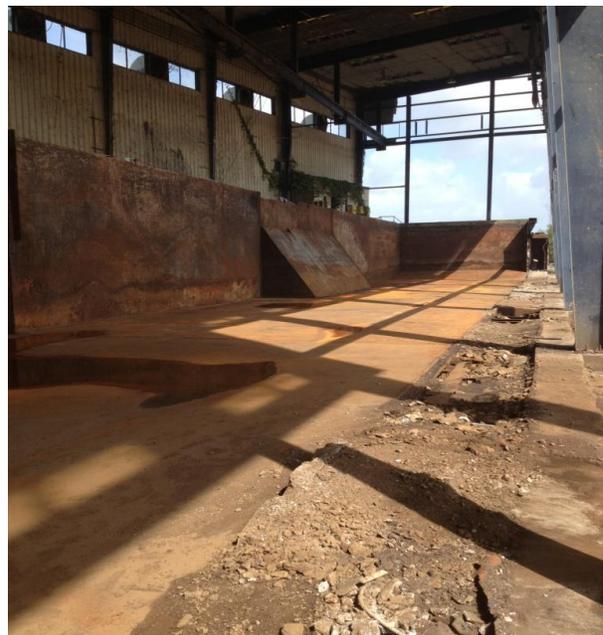
All on-site work was completed on August 28, 2013 and included:

- Treatment and off-site disposal of 7,000 tons of solid waste material;
- Removal and disposal of 235,000 gallons of liquid waste material;
- Removal and disposal of 3,000 tons of construction and demolition debris;
- Recycling of 3,100 tons of steel from tanks and equipment; and
- Treatment and off-site disposal of 950,000 gallons of contact water.

Approximately \$5,618,000 of this project was funded by the MSP escrow account. Once all of the work associated with the IRMPP is completed, the MSP PRP group will resume the Remedial Investigation. A Corrective Measures study will then be conducted to determine the most feasible remedial options for the remaining subsurface waste and any other areas of concern identified during the Remedial Investigation.



One of the barges in the dock area prior to clean up



One of the barges after being emptied and cleaned

Fredeman Pit Site – Triad Approach Site Investigation

The LDEQ was tasked with the investigation and cleanup of an abandoned parcel of environmentally impacted property located in Calcasieu Parish, Louisiana. The Area of Investigation (AOI) consists of approximately 2.9 acres and is located within a larger industrial property historically utilized for ship building, repair and cargo barge cleaning activities. This AOI, typically referred to as the Fredeman Pit Site, was the previous location of two unpermitted surface impoundments. The AOI is located approximately eight miles south of Sulphur, Louisiana on the Calcasieu River Ship Channel. As a result of bankruptcy of the original facility owners, funding for the investigation and remediation activities of this AOI was awarded to the LDEQ through legal settlement.

Site operations began prior to 1965 and included cleaning of cargo barges utilized in the transportation of petroleum-based and non-petroleum-based products. Petroleum-based products consisted of gasoline, kerosene, lube oil, diesel and crude oil. Non-petroleum-based products consisted of caustic, chlorinated hydrocarbons and other solvents. The two former surface impoundments were previously used for the storage, treatment and disposal of waste fluids.

Operation of the surface impoundments was terminated in 1977, and they were backfilled prior to 1981. The two surface impoundments were closed prior to establishment of the LDEQ, but have long been suspected of being a source of dense non-aqueous phase liquids (DNAPL) impacts to soil and groundwater.

In order to conserve the \$2.3 million settlement fund provided to LDEQ, the USTRD team leader determined that the EPA Best Management Practices for Site Assessment – Triad Approach – would serve as the preferred method of managing the investigation. A Triad Approach site investigation, developed by the EPA, is designed to take an AOI with limited or no understanding of site conditions and rapidly perform site investigation activities to develop a comprehensive Conceptual Site Model (CSM) suitable to develop a remediation strategy for the site. The ‘Triad’ refers to three primary components which consist of systematic planning, dynamic work strategies and real-time measurement systems.

The objective of the Fredeman Pit Site Triad Approach site investigation was to determine the horizontal and vertical extent of soil and groundwater contamination within the AOI, to provide a final CSM that accurately represents site conditions with sufficient technical detail to support the decision making process for remedy selection and remedial design, and to minimize the cost of the investigation to conserve available resources for future site remediation activities. In order to perform the tasks required for the project, a core multi-disciplinary team was assembled from a number of companies, along with key LDEQ personnel.

Systematic planning meetings were employed as a means to compile, review and summarize existing data to gain a comprehensive understanding of the known and suspected site conditions. These meetings also provided a means for team building among the various stakeholders (landowners, responsible parties, regulators, contractors and consultants) prior to

dynamic work plan development and implementation, and for determining the members of the core technical and decision teams. Systematic planning also provided a method for each stakeholder to discuss specific data needs for a mutually successful completion of the project.

Systematic planning conducted in advance of the investigation activities indicated that many previous assumptions regarding the surface impoundment locations, shape and size were somewhat misunderstood. The data reviewed by the core technical team provided information sufficient to develop an initial CSM. The initial CSM was developed to determine areas of uncertainty which would be continually reviewed and revised as the systematic planning and field investigation progressed.

After reviewing the available data from previous investigations, the need to identify and address site uncertainties was apparent. Therefore, the dynamic work plan prepared for investigation of the AOI was designed to collect high density soil and groundwater sample data while relying on real-time, on-site laboratory analysis to guide the investigative decisions and to manage uncertainties. The judgment-based sampling and analysis strategy was guided by decision logic flow charts to outline the general logic governing field operations as described in the dynamic work plan.

In order to obtain real-time analytical results, the team relied on the use of a Direct Sampling Ion Trap Mass Spectrometer (DSITMS) on-site laboratory for soil and groundwater sample analyses using EPA Method 8265. Soil and groundwater samples were collected utilizing GeoProbe® direct-push technology equipment and crews capable of deploying an array of sampling and testing tools. The team also contracted an off-site laboratory to conduct collaborative soil and groundwater analysis using applicable EPA Methods. Additional resources and services were also available to the project on as as-needed basis.



On-site laboratory used for real-time analysis of volatile organic compounds



Direct push equipment used for high density soil sample collection

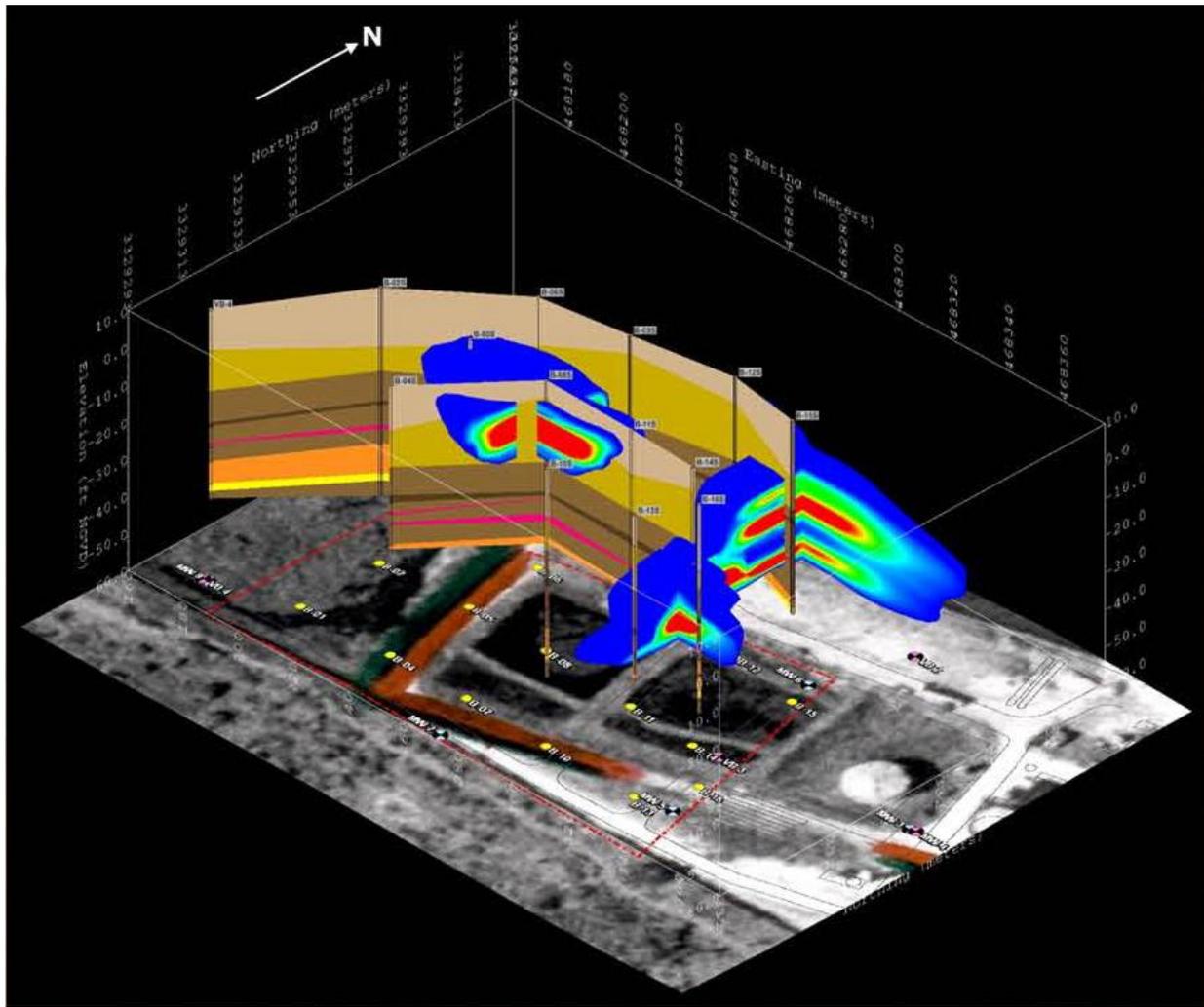
Following conclusion of field activities, the high density field data were used to develop a detailed 3D visualization of the subsurface soil conditions. Computer generated 3D lithology and contaminant distribution models were developed using Groundwater Modeling Systems (GMS)

software. Interpolations were performed using lithology and soil DSITMS data collected during the field activities. Historical data from some previous investigations were also used in an effort to manage areas of uncertainty.

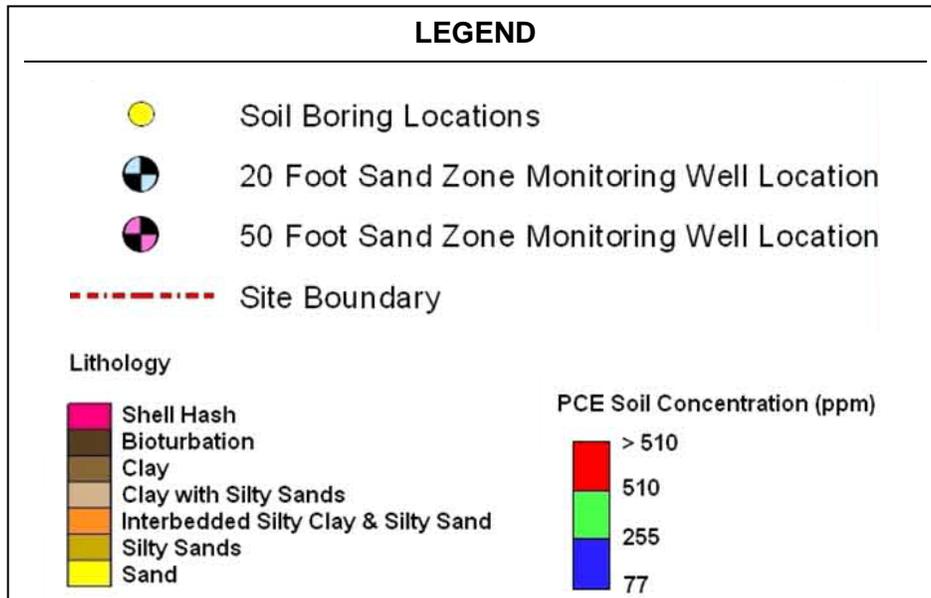
For contaminant evaluation of the soil and groundwater beneath the AOI, fingerprint contaminants were selected by evaluating previous site investigation information as well as real-time analytical data collected during this investigation. Although other volatile organic compounds were analyzed, the AOI was impacted primarily by the presence of tetrachlorethene (aka perchloroethylene - PCE). Therefore, PCE was used to create the 3D visualizations in soil and groundwater isoconcentrations.

Use of the concentrated investigation effort in accordance with the Triad Approach proved extremely successful in delineating and quantifying the horizontal and vertical extent of DNAPL impact as well as gaining considerable understanding of manmade and geologic conditions contributing to the distribution of contaminants beneath the site. Costs of the project were managed by conducting the undertaking in one continuously evolving field mobilization.

The entire investigation was successfully completed in less than six months with a three month field program, then sample analysis, data management and compilation. A Corrective Measures Study that followed used the reported data and CSM to recommend technology options for the planning of the next step - the remediation and closure of the site.



3D Conceptual Model of Contaminant Distribution at the Fredeman Pit Site



Timeless Treasures Site – Brownfields Voluntary Remediation Program Redevelopment

Located within walking distance from New Iberia’s historic downtown is the property at 121 Bridge Street, formerly known as Timeless Treasures, a rhomboid shaped lot that is approximately 0.18 acres. Although the property is small, it has an eighty foot front that is immediately across from the old Mt. Carmel School. The scenic Bayou Teche runs less than 100 feet away and land use in the area is mostly residential.

Abandoned for a number of years, the Timeless Treasures property became a true eyesore for the surrounding neighborhood. All that could be seen was a single dilapidated concrete building with remnants of a pump island, maintenance bay, and metal supports for a canopy. Historic records indicate that the property was originally a food store in the 1930s; then it became a gasoline station in the 1940s, and it remained a gasoline station and automobile repair shop until 1989. From 1989 to the early 1990s, the property was used as an antique store.



Timeless Treasures property before remediation

In 1996, six underground storage tanks were removed and a Phase I Environmental Site Assessment (ESA) was completed. This assessment confirmed the presence of gasoline and related Constituents of Concern (COCs). No further investigation was completed until October 2006 when another Phase I ESA was authorized by the EPA and conducted by a U.S. Army Corps of Engineers contractor. This Phase I ESA revealed evidence of recognized environmental conditions that warranted further investigation.



**City of New Iberia contractors performing
Phase II site assessment**

With funding from a federal Brownfields grant awarded to the Acadiana Regional Development District, a Phase II assessment of the property was completed in April 2008. This additional investigation indicated the source of contamination to be chlorinated hydrocarbons from the automotive repair shop that was once on the site. After the Phase II assessment was completed, the city of New Iberia moved forward with its plans to apply to EPA for a Brownfields Cleanup Grant.

In order to compete for the Brownfields Cleanup Grant, an updated Phase I ESA was required. Once this ESA was completed, the city began the process of acquiring the property. In May 2009, Mr. William Fullerton donated the property at 121 Bridge Street to the city of New Iberia. In September 2009, EPA awarded a \$200,000 Brownfields Cleanup Grant to the city. At this point the city could begin the process of reducing environmental hazards on the property and developing it into an aesthetically appealing community green space.

Prior to site cleanup, public hearings were conducted with little community involvement, but once the project began the residents surrounding the Timeless Treasures property began to emerge with many questions and ideas. The main focus of the city at this point was to communicate to the neighborhood what was about to occur and the desired end result for the property. This dialogue prompted suggestions and ideas that were incorporated into the final project.

Site cleanup began on August 23, 2010. Large excavators removed all of the concrete on the site, and 343.93 tons of contaminated soil were removed. All the contaminated soil was then transported and appropriately disposed. The excavation was backfilled with 766.61 tons of clean fill to one foot below ground surface, after which a geo-membrane was applied. A one-foot layer of compacted backfill was then placed on the geo-membrane to grade level. The sidewalk was replaced by the city and, as a protective barrier, is also considered to be part of the remediation. In addition, the property was capped with five to eight inches of concrete paving for the proposed use of a mobile snowball stand or similar short term temporary structure.

Further reduction in residual contamination at the site is also being achieved through phytoremediation with the planting of tulip poplar trees. Seven TreeWell® systems were installed, providing an innovative method for continual remediation of the property.

Abandoned blighted properties are a growing burden throughout the country, and the Timeless Treasures property was one of those abandoned properties that impaired and depreciated the neighborhood. The goal of this project



Removal of contaminated soils from area of excavation



Geo-membrane placement over clean backfill

was not only to environmentally clean up the property, but also to create a green space that would restore economic value to properties in the surrounding neighborhood.



Tulip poplar with TreeWell® system

The entire assessment and remediation process for the Timeless Treasures property took about four years and approximately \$300,000. Funding from the Acadiana Regional Development District Brownfields grant and a Brownfields Cleanup grant awarded by EPA directly to the city of New Iberia provided much of the funding, with the city providing almost \$100,000 in cost-share expenses. In-kind services were provided by KourCo. Environmental Services, Inc., which installed the seven TreeWell® systems, and by Mr. Vernon Bacque whose art work provided a creative touch to the green space. By applying to the LDEQ Voluntary Remediation Program and the LDEQ Brownfields Oversight Cost Waiver Program, the city was also exempted from paying for LDEQ remediation staff to oversee site cleanup and provide technical expertise. This funding (up to \$10,000 for qualifying applicants) was provided by the LDEQ Brownfields grant.

Following the six-month cleanup project, the Timeless Treasures site was granted a Certificate of Completion by the LDEQ Voluntary Remediation Program in October 2012. The property at 121 Bridge Street was transformed into a beautiful public green space that can now positively impact the lives of area residents, as well as New Iberia's historic downtown. Completion of this project exceeded the expectations of city officials and others involved. Property values and pride have risen in an area that surrounds what was once a blighted property with a dilapidated building. This project, supported by the EPA, LDEQ, and Acadiana Regional Brownfields programs, resulted in both environmental and economic benefits for the city of New Iberia.



Public green space at the former Timeless Treasures property

Stevens Site – Hazardous Waste Site Cleanup Fund Interim Corrective Action

The Stevens Site (also known as the Former Broussard Farm Site or the John W. Broussard Farm) in Abbeville, Vermillion Parish, is located south and west of the junction of Peachtree Road and Melrose Road. The site comprises approximately 64 acres, and is subdivided into 23 tracts owned by multiple landowners. It was formerly operated as a farm and a waste disposal site. Available evidence indicates that hazardous wastes were disposed of by burial in containers. The site is currently unoccupied, vacant farmland.

The Stevens Site was ranked by LDEQ remediation staff to determine its priority among the hazardous and nonhazardous waste sites that may be considered candidates for use of the Hazardous Waste Site Cleanup Fund (HWSCF). Application of the HWSCF prioritization system to the Stevens Site resulted in its placement in the top five of the list of eligible sites.

Three instances of the discovery of drums on this site had been reported beginning in 1992, when containers of waste were initially found. Removals were conducted by EPA and LDEQ following these discoveries. EPA funded the excavation removal and disposal of 27 55-gallon drums in 1997. In 2001 LDEQ conducted an emergency removal to excavate newly discovered buried drums, characterize their contents and the associated contaminated soil, properly dispose of the drums and contaminated soils, and secure the site. This excavation uncovered a total of 34 55-gallon drums in two groups.

Since those removals, the LDEQ remediation staff has focused its efforts on site investigations to locate and delineate any additional potential buried drums and/or any remaining buried waste on the site. Several unidentified metallic anomalies were detected by site-wide electromagnetic and geophysical surveys completed in 2003. These surveys were designed specifically to detect potential buried drums to a maximum depth of 15 feet below ground surface and revealed 12 instances of metallic anomalies.

Each of the anomalies was later scanned by using ground penetrating radar (GPR). The GPR scan located, delineated, characterized and identified any possible underground storage tanks, buried drums/containers, or other anomalous areas, and evidence of wastes within the geophysical survey boundaries defined for this site. The LDEQ remediation staff was provided with a site map, a GPR map and an interpretive map which showed the relative locations, probable explanation for anomalies detected, and probable size and number of containers of the subsurface findings. Most of the anomalies were determined to be buried drums and/or waste, although some were shown to be utility lines.

In October 2012, the LDEQ USTRD completed an interim corrective action contract at the Stevens Site. This interim corrective action focused on two specific areas of Tract 15, (approximately 2.4 acres) - the former barn and fractionation tank areas. This interim corrective action included: characterization of wastes, profiling and removal of waste and soil material, transportation and disposal of wastes and soils, collection of confirmatory samples, backfilling of

the former barn floor area, and removal and scraping of the emptied fractionation tank. All contract work was conducted under LDEQ remediation staff oversight.

For the waste characterization and waste profiling, representative soil samples were collected in the former barn and fractionation tank areas and submitted for laboratory analyses. Results of the analyses and waste profiles, which indicated the presence of volatile and semi-volatile compounds, were submitted to an approved landfill for future acceptance of the wastes.

Waste removal in the former barn area consisted of soil and waste excavation where waste materials were separated and stockpiled away from vegetative and construction materials that were not subject to disposal. An area approximately 45 feet by 30 feet beneath the area of the stockpiled waste was excavated to an average depth of one foot below ground surface. The area of the fractionation tank was also cleared for removal. It was estimated that the fractionation tank contained soils at approximately 50% capacity. Once emptied of all material, the tank was dismantled, cut into pieces and transported offsite.

Upon completion of soil excavation, four confirmation soil samples were collected in the former barn excavation area, and two confirmation soil samples were collected in the fractionation tank excavation area. Excavation areas were backfilled using clean imported fill dirt. Excavations conducted at the site resulted in the removal and disposal of 240.93 tons of contaminated soil. All solid waste material was removed from the site and transported to an approved landfill. Analyses of soil confirmation samples were performed by the LDEQ contract laboratory.



Remains of burned barn. Pile of unidentified material and drum remains in foreground.



View of fractionation tank from the north

Following completion of this interim corrective action, the LDEQ USTRD filed an updated Notice of Lien against the Stevens Site property for recovery of remedial costs in the amount of \$225,287.69.



The next phase of work for the USTRD at the Stevens Site will include additional interim corrective action(s) to excavate soils and potential wastes from identified subsurface anomalous areas.



Contractor obtaining confirmation sample from former fractionation area



Top left: Excavation of former barn area

Middle left: Backfilled excavation at the former fractionation tank area

Bottom left: Backfilled excavation at the former barn area

APPENDIX

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FY 2012-13 Inactive and Abandoned Confirmed Sites Completed

The table below lists the sites that received No Further Action (NFA) notification during FY 2012-13. Some sites are divided into areas of investigation (AOI) and some AOI's may receive NFA when remediation is completed in those areas.

Parish / Site Name	AI Number	Area of Investigation	Completed Date	Type of Site
East Baton Rouge	1			
Abandoned Drum Site	156089		6/3/2013	Confirmed
Jefferson	1			
Paretti Mazda	1875		7/24/2012	Confirmed
Orleans	5			
2224 Bienville - Lead Site	179773		11/19/2012	Confirmed
2222-2224 St Ann - Lead Site	179748		7/17/2012	Confirmed
2010 Bienville - Lead Site	179771		11/19/2012	Confirmed
1833 Bienville - Lead Site	179770		11/19/2012	Confirmed
1803 Bienville - Lead Site	179769		11/19/2012	Confirmed
Red River	1			
Holly Common Point #6 Facility	169083		6/10/2013	Confirmed
Tangipahoa	2			Confirmed
Louisiana CVS Pharmacy- Former Six Fortune	143656		9/27/2012	Confirmed
US 236 Combat Communications Squadron LA Air National Guard	13332	IRP Site 1	3/7/2013	Confirmed

FY 2012-13 Inactive and Abandoned Potential Sites Completed

The table below lists the sites that received No Further Action (NFA) notification during FY 2012-13. Some sites are divided into areas of investigation (AOI) and some AOI's may receive NFA when remediation is completed in those areas.

Parish / Site Name	AI Number	Area of Investigation	Completed Date	Type of Site
Caddo	4			
Continental Engine & Pump Co	74972	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	6/10/2013	Potential
Custom Food Group	22700	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	5/7/2013	Potential
Stoner St Transformer Site	8041	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	7/30/2012	Potential
Blanchard Dump	44767	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	5/30/2013	Potential
Calcasieu	5			
Pumpelly Oil Acquisition LLC	31776	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	5/6/2013	Potential
Gulf State Substation Yard	9910	NFA3: Remedial actions have been completed.	5/6/2013	Potential
Lois Adams Residence	44025	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	5/6/2013	Potential
Gulf South Pipeline Co LP – Vinton Compressor Station - Dismantled	7852	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	3/25/2013	Potential
Chevron Pipe Line Co – Lake Charles Booster Station	11495	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	4/23/2013	Potential

Parish / Site Name	AI Number	Area of Investigation	Completed Date	Type of Site
DeSoto 4				
Delhi Gas Pipeline Co – Cromwell Dixon Dehy	44540	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	1/17/2013	Potential
Delhi Gas Pipeline Co – Atwood Dehydration	44538	PEA3: Remedial actions have been completed.	2/18/2013	Potential
Sun Oil Co Lelong Receipt Point	8703	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	3/14/2013	Potential
Mansfield Post & Pole	44143	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	3/14/2013	Potential
Jefferson 4				
Dennis Disavo	11664	NFA4: The AI/AOI was non- existent based on current information.	4/21/2013	Potential
Reliable Disposal Co Inc	1526	NFA3: Remedial actions have been completed.	4/21/2013	Potential
A-1 Disposal Service	8554	NFA3: Remedial actions have been completed.	4/21/2013	Potential
Waste Management of Louisiana LLC – Jefferson Parish Sanitary Landfill	6961	NFA2: The AI/AOI did not fall within the Remediation Process due to statutory, regulatory, or legal requirements.	4/29/2013	Potential
Lafourche 2				
Leblanc Brothers & Co Asphalt Plant	7710		10/26/2012	Potential
Valentine Chemicals	1371		10/26/2012	Potential
Lincoln 2				
DCP Midstream LP - Ambrose Compressor Station	44532	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	7/18/2012	Potential
Colvin D1 Receiver Station Facility	44537	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	7/13/2012	Potential

Parish / Site Name	AI Number	Area of Investigation	Completed Date	Type of Site
Plaquemines 4				
M&J Construction Co	4811	NFA4: The AI/AOI was non-existent based on current information.	2/13/2013	Potential
Empire	9045		10/26/2012	Potential
Amoco Production Co	8272	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	10/24/2012	Potential
Tom Hicks Oilfield & Hauling Co	4796	PEA4: The AI/AOI was non-existent based on current information.	2/13/2013	Potential
Rapides 2				
James Murphy Jenkins Unauthorized Dump	28364	NFA3: Remedial actions have been completed.	6/28/2013	Potential
American Waste & Pollution – Midstate Regional Sanitary Landfill	44754	NFA4: The AI/AOI was non-existent based on current information.	6/28/2013	Potential
St. Bernard 1				
Rain CII Carbon LLC – Chalmette Coke Plant & CT Terminal	2557	NFA2: The AI/AOI did not fall within the Remediation Process due to statutory, regulatory, or legal requirements.	1/17/2013	Potential
Tensas 1				
ANR Pipeline Co - Holly Ridge Compressor Station	8337	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	1/17/2013	Potential
Union 1				
Delhi Gas Pipeline Co - Durbin	44535	NFA1: No evidence of regulated materials above applicable levels has been observed at the AI/AOI.	7/13/2012	Potential
Winn 1				
Chevron Hico Knowles Rr L	9952	NFA4: The AI/AOI was non-existent based on current information.	1/17/2013	Potential

FY 2012-13 Inactive and Abandoned Sites – Confirmed

NOTE: Sites that are bold and italic represent Superfund sites currently on the NPL list

Parish: Acadia	No. of Sites:	9	South Sligo Compressor Station (AI# 52001)	Haughton
ANR Pipeline Co - Eunice Compressor Station (AI# 8335)	Eunice			
Evangeline Refining Co Inc (AI# 1245)	Evangeline			
<i>EVR Wood Treating Co Inc (AI# 1241)</i>	<i>Evangeline</i>			
Jennings Oil & Gas Field (AI# 8289)	Evangeline			
Keiths Gulf (AI# 73149)	Mermentau			
Marco of Evangeline (AI# 7266)	Evangeline			
Marco of Iota Inc (AI# 4414)	Iota			
North West Branch Gas Plant (AI# 342)	Branch			
Oleum Operating Co - Hoffpauer SWD #001 (AI# 186971)	Crowley			
Parish: Ascension	No. of Sites:	8	Former Crystal Oil Refinery (AI# 97084)	Shreveport
BFI - Geismar Facility (AI# 4362)	Darrow		Huron Land #1 SN 248 Well Site (AI# 179604)	Caspiana
Chemtura Corp - Gonzales H M & Bailey Property (Former Spedale Site) (AI# 4791)	Gonzales		Ida Gasoline Co Inc (AI# 1232)	Belcher
Cleve Reber Superfund Site (AI# 4260)	Sorrento		Ida Gasoline Petroleum (AI# 85446)	Ida
Dutchtown Oil Treatment Plant Superfund Facility (AI# 5217)	Dutch Town		Kruger Battery (AI# 44609)	Greenwood
Four Way Hauling (AI# 4804)	Darrow		LA Recycling (AI# 3583)	Oil City
Old Inger Oil Refinery (AI# 4714)	Darrow		Manville Products Co Inc - Plant #94 (AI# 1209)	Shreveport
Ronald Schexnailder Jr Property (AI# 177106)	Prairieville		Moran Galvanizing (AI# 5191)	Shreveport
Tiger Heights Drum Site (AI# 5340)	Prairieville		Musslo Oil & Gas Inc Property (AI# 163572)	Shreveport
Parish: Assumption	No. of Sites:	1	Safety Kleen Systems Inc (AI# 23339)	Shreveport
Mantle Oil & Gas LLC - Dugas/Napoleonville Field Well Site (AI# 172398)	Paincourtville		Standard Wood Preservers of Shreveport (AI# 1220)	Shreveport
Parish: Beauregard	No. of Sites:	1	Stovall Dirt Pit Disposal Site (AI# 44101)	Shreveport
George A Norwood Property (AI# 169290)	Longville		Texaco Inc Shreveport Works (AI# 4399)	Shreveport
Parish: Bienville	No. of Sites:	2	Parish: Calcasieu	No. of Sites:
Lucky Field Tank Battery (AI# 100764)	Lucky		BFI - Carlyss Site Pit #1 (AI# 7836)	Sulphur
The Wood Energy Group Inc - Gibbsland Facility (AI# 181900)	Gibbsland		Big Tex Trailers (AI# 6941)	Sulphur
Parish: Bossier	No. of Sites:	4	BWS (AI# 4814)	Dequincy
Chesapeake USA (MM) SWD 93-Alt (AI# 177711)	Barksdale		Calcasieu Estuary (AI# 7443)	Sulphur
Lincoln Creosoting (AI# 5470)	Bossier City		Gulf States Utilities North Ryan St Utilities Yard Superfund Site (AI# 293)	Lake Charles
Old Citgo Refinery (AI# 5347)	Bossier City		Lake Charles NRG LLC (AI# 42600)	Lake Charles
			Olin Corp-Ellender Ferry (AI# 4373)	Sulphur
			Remadoser Drum Service (AI# 5199)	Lake Charles
			Rogers Enterprises (AI# 2350)	Lake Charles
			Parish: Cameron	No. of Sites:
			Grand Chenier Gas Plant (AI# 25999)	Grand Chenier

Parish: Claiborne **No. of Sites: 3**

J L Bond A/C 3H #1 & J L Bond A Tank Central Batteries (AI# 31919)	Haynesville
Lisbon Processing LLC - Lisbon Refinery J V LLC Facility (AI# 2108)	Lisbon
Maverick Oil - Len Langston SWD #18 (AI# 179074)	Homer

Parish: DeSoto **No. of Sites: 35**

Christian 3-23 Saltwater Disposal Lateral Line Release (AI# 181267)	Longstreet
DeSoto Trust #1 Alt - Produced Water Release Site (AI# 183646)	Mansfield
DeSoto Ventures Unlimited LLC (AI# 44142)	Mansfield
EC Bryant - Produced Water Release Site (AI# 183642)	Mansfield
Heckmann Water Resources - Evans 2-3 Saltwater Disposal Line Release (AI# 180601)	Frierson
Heckmann Water Resources - Incident Site (AI# 179598)	Kingston
Heckmann Water Resources - Kyle 6-18 (AI# 182745)	Grand Cane
Heckmann Water Resources - Oxford 1-27-11 (AI# 175825)	Gloster
Heckmann Water Resources - Oxford 7-6-12 (AI# 183793)	Gloster
Heckmann Water Resources - Saltwater Disposal Line Release (AI# 180666)	Grand Cane
Heckmann Water Resources Corp - Akins 12/30 Pipeline Release Site (AI# 180707)	Gloster
Heckmann Water Resources Corp - Bar 5-21 Air Relief Valve Produced Water Release (AI# 176709)	Longstreet
Heckmann Water Resources Corp - Beau Bouef ARV Spill Location (AI# 176224)	Frierson
Heckmann Water Resources Corp - Bordovsky Incident Site (AI# 180726)	Gloster
Heckmann Water Resources Corp - Christian ARV Saltwater Release Site (AI# 175978)	Longstreet
Heckmann Water Resources Corp - Cole 9-18 Incident Site (AI# 178830)	Grand Cane
Heckmann Water Resources Corp - Evans 11-23 (AI# 179707)	Frierson

Heckmann Water Resources Corp - Funston ARV Saltwater Release Site (AI# 175979) Longstreet

Heckmann Water Resources Corp - Killian 9-29 Incident Site (AI# 178829) Kingston

Heckmann Water Resources Corp - Powell ARV Spill Location (AI# 176223) Logansport

Heckmann Water Resources Corp - Samuel 6-1 Booster Pump Site (AI# 176710) Longstreet

Heckmann Water Resources Corp - Schrober ARV Spill Location (AI# 176222) Longstreet

Heckmann Water Resources Corp - Ware 12-25 Saltwater Disposal Line Release (AI# 180046) Frierson

Heckmann Water Resources Corp - Young 6-13 (AI# 176992) Grand Cane

Heckmann Water Resources Corp - Young 7-19 (AI# 180708) Grand Cane

Holly Common Point - Holly Field (AI# 32025) Kickapoo

LA Midstream Gas Services LLC - North DeSoto Central Facility (AI# 165400) Frierson

Leslie Billingsley 9H-1 (AI# 179433) Grand Cane

Mattie C - Produced Water Release Site (AI# 183640) Mansfield

Mitchell #1 Facility - Spider Field (AI# 32032) Stanley

Provost #2 - Produced Water Release Site (AI# 183649) Mansfield

Red River 5 #2 SN 240876 (AI# 183037) Mansfield

SND Operating LLC - Pipeline Incident Site (AI# 178892) Keatchie

Wildhorse Resources - Anderson Road Cattle Gap Spill (AI# 183701) Stanley

WTS 31-1 - Produced Water Release Site (AI# 183643) Mansfield

Parish: East Baton **No. of Sites: 9**

Ace Logistics Inc - Larry Smith Properties LLC (AI# 1689) Baton Rouge

Auto Shop - Burn Site (AI# 150795) Baton Rouge

BFI - Chemical Services (AI# 305) Baton Rouge

Chevron USA Baton Rouge Plant (AI#1429) Baton Rouge

Coastal Leasing Service Inc (AI# 44963)	Baton Rouge	Former Lafayette NG Target Range (AI# 146355)	Lafayette
Devils Swamp Lake (AI# 86800)	Baton Rouge	Pal-Mix International (AI# 30424)	Duson
Heck Site (AI# 44040)	Baton Rouge	Parish: Lafourche	No. of Sites: 2
Petro Processors Inc - Scenic Site NPC Services (AI# 83225)	Baker	Intercoastal Oil Co (AI# 6808)	Larose
Petro-Processors Brooklawn - NPC Services Inc (AI# 2469)	Baton Rouge	Stone Energy Corp - Jones #25 Well (AI# 85006)	Cut Off
Parish: East Feliciana	No. of Sites: 1	Parish: LaSalle	No. of Sites: 4
Central Wood Preserving Inc (AI# 1416)	Slaughter	ANR Pipeline Co - Jena Compressor Station (AI# 9210)	Jena
Parish: Evangeline	No. of Sites: 3	Doughty's Treating Plant (AI# 44748)	Jena
BWS Basile (AI# 4816)	Basile	International Paper - Former LaSalle Creosoting Co (AI# 44817)	Jena
BWS Tate Cove (AI# 4815)	Tate Cove	International Paper - Former Tullos Lumber Co Site (AI# 1288)	Jena
Reddell Creosoted Forest Products (AI# 1393)	Reddell	Parish: Lincoln	No. of Sites: 1
Parish: Grant	No. of Sites: 2	Chevron Inc - Hico-Knowles Plant (AI# 4987)	Dubach
International Paper (AI# 44778)	Colfax	Parish: Livingston	No. of Sites: 4
US Army Breezy Hill Artillery Range (AI# 124154)	Bentley	Combustion Inc (AI# 2941)	Denham Springs
Parish: Iberville	No. of Sites: 4	East Jordan Iron Works (AI# 1467)	Denham Springs
Bama Fuel Site (AI# 187241)	Sunshine	Island Carwash LLC (AI# 151033)	Maurepas
Environmental Purification Advancement Inc Bayou Sorrel Superfund Site (AI# 4715)	Bayou Sorrel	Quick N Handy Cleaner (AI# 14271)	Denham Springs
State of Louisiana Military Dept - Gillis W Long Center (AI# 8055)	Carville	Parish: Multi-parish	No. of Sites: 1
Taminco Inc (AI# 3263)	St. Gabriel	Gulf South Pipeline Co - Statewide Mercury Remediation (AI# 96326)	Statewide
Parish: Jefferson	No. of Sites: 5	Parish: Natchitoches	No. of Sites: 1
American Creosote Metairie (AI# 44753)	Jefferson	Red River Treating Co Inc (AI# 3409)	Powhatan
Entergy - Jefferson Hwy Station (AI# 131638)	Jefferson	Parish: Not assigned	No. of Sites: 1
General Chemical LLC (AI# 1435)	Marrero	Indigo Minerals LLC - HOSS RA SUH - J R SUMLIN #1 ALT (AI# 186561)	Lincoln Parish
Old Distillery (AI# 147266)	Gretna	Parish: Orleans	No. of Sites: 17
Westwego Aviation Inc (AI# 10262)	Westwego	Agriculture St Landfill (AI# 84977)	New Orleans
Parish: Jefferson Davis	No. of Sites: 3	Algiers Landfill (AI# 304)	New Orleans
Renner Creosoting Co (AI# 44695)	Jennings	BW Cooper Redevelopment Project (AI# 177345)	New Orleans
Roll Over Ltd (AI# 44100)	Lake Arthur	Falstaff Brewery Complex (AI# 97933)	New Orleans
SBA Shipyards Inc (AI# 1478)	Jennings	Jefferson City Gas & Light Co (AI# 9912)	New Orleans
Parish: Lafayette	No. of Sites: 4	LA Gasification Facility I LLC - LA Gasification Facility (LGF) (AI# 6371)	New Orleans
Cactus Pipe (AI# 44077)	Duson	New Orleans City of - Hende Court Incinerator (AI# 75065)	New Orleans
Cameron Motors (AI# 1124)	Lafayette		

New Orleans Convention Center (AI# 10365)	New Orleans	Entergy LA Service Center (AI# 164389)	Luling
New Orleans East Incinerator Site (AI# 129321)	New Orleans	<u>Parish: St. Helena</u>	No. of Sites: 1
New Orleans Urban Market Site (AI# 23393)	New Orleans	Utility Fabricators Inc (AI# 44493)	Grangeville
NOLA Rail to Trail (AI# 182551)	New Orleans	<u>Parish: St. John the</u>	No. of Sites: 2
Orleans Parish - Taylor Park (AI# 140760)	New Orleans	Entergy Reserve Office (AI# 179552)	Reserve
Pearl River Navigation (AI# 38466)	New Orleans	Lasseigne Property (AI# 44034)	Laplace
Powers Junction Site (AI# 44055)	New Orleans	<u>Parish: St. Landry</u>	No. of Sites: 2
Release (Lead) Release Site (AI# 176536)	New Orleans	S&G Drilling Services (AI# 44698)	Eunice
Replacement Veterans Affairs Medical Center (AI# 178212)	New Orleans	US Rig & Equipment Inc Site (AI# 44033)	Port Barre
Saratoga St Incinerator (AI# 44056)	New Orleans	<u>Parish: St. Martin</u>	No. of Sites: 1
<u>Parish: Ouachita</u>	No. of Sites: 4	ANR Pipeline Co - St Martinville Station (AI# 52280)	Parks
LP&L Co - Northern Transformer Shop (AI# 1942)	West Monroe	<u>Parish: St. Mary</u>	No. of Sites: 2
Macallen Chemical Co (AI# 2783)	Monroe	Conrad Shipyard LLC - Main Shipyard (AI# 1350)	Morgan City
Monroe City of - Water Treatment Plant (AI# 13794)	Monroe	US Army COE - Bayou Boeuf Locks (AI# 176611)	Morgan City
Monroe Plating Ltd (AI# 116541)	Monroe	<u>Parish: St. Tammany</u>	No. of Sites: 6
<u>Parish: Plaquemines</u>	No. of Sites: 2	<i>Bayou Bonfouca - Superfund Site (AI# 4716)</i>	<i>Slidell</i>
Stolthaven New Orleans LLC - SHVNN Facility (AI# 87738)	Braithwaite	<i>Madisonville Wood Preserving Co (AI# 1344)</i>	<i>Madisonville</i>
Universal Construction & Fabrication Inc (AI# 25008)	Belle Chasse	Northside Plaza (AI# 85384)	Slidell
<u>Parish: Pointe Coupee</u>	No. of Sites: 1	Pearl River Chemical Co (AI# 4866)	Pearl River
Pointe Coupee Wood Treating Inc (AI# 44491)	New Roads	Southern Coatings & Chemicals (AI# 2450)	Slidell
<u>Parish: Rapides</u>	No. of Sites: 1	Southern Shipbuilding Corp (AI# 1260)	Slidell
Ruston Foundry (AI# 12443)	Alexandria	<u>Parish: Tangipahoa</u>	No. of Sites: 8
<u>Parish: Richland</u>	No. of Sites: 1	Amite Water Tower (AI# 102976)	Amite
Denbury Resources Inc - Delhi (AI# 186776)	Delhi	Delatte Metal Inc (AI# 2328)	Ponchatoula
<u>Parish: Sabine</u>	No. of Sites: 3	JT Enterprises (AI# 114339)	Hammond
Laroux Property (AI# 183526)	Zwolle	Maurin Wood Preserving Co (AI# 1346)	Hammond
Moritz 31-1 (AI# 179902)	Pleasant Hill	Oliver Treated Products Inc (AI# 1392)	Hammond
Pleasant Hill Pole Plant (AI# 44600)	Pleasant Hill	Ponchatoula Battery Co Inc (AI# 2618)	Ponchatoula
<u>Parish: St. Charles</u>	No. of Sites: 3	R & K Creosote Site (AI# 1829)	Natalbany
Atlantic Richfield - A BP Affiliated Co (AI# 4356)	Destrehan	US 236 Combat Communications Squadron LA Air National Guard (AI# 13332)	Hammond
Bayou Trepagnier (AI# 44765)	Norco	<u>Parish: Terrebonne</u>	No. of Sites: 1
		Granbois Waste Disposal (AI# 4263)	Klondyke

Parish: Union **No. of Sites: 2**

Marion Pressure Treating Co Inc (AI# 1482) **Marion**

Union Creosoting Co (AI# 44582) Farmerville

Parish: Vermilion **No. of Sites: 13**

ADD Processing Corp (AI# 4019) Abbeville

Antifreeze Inc (AI# 100426) Abbeville

Broussard Chemical Co Inc - Main Warehouse (AI# 9667) Abbeville

Ceramic Shop Tank Farm (AI# 100361) Abbeville

DL Mud (AI# 5416) Abbeville

Drum Graveyard (AI# 100359) Abbeville

Erath Sugar Mill (AI# 44067) Erath

Gulf Coast Vacuum (AI# 4805) Abbeville

Pab Oil & Chemical Service Inc (AI # 4790) Abbeville

R360 Environmental Solutions Inc - Intracoastal City II Transfer Station - Site Code 5710 (AI# 30428) Abbeville

Rice Bowl Tank Farm (AI# 9042) Abbeville

Rose Bowl Tank Farm (AI# 100358) Abbeville

Stevens Site (AI# 93464) Abbeville

Parish: Washington **No. of Sites: 2**

Angie Wood Preserving Co (AI# 44758) Angie

Colonial Creosoting (AI# 129320) Bogalusa

Parish: Webster **No. of Sites: 5**

Dixie Metals Corp (AI# 2411) Heflin

Explo Systems Inc (AI# 40158) Minden

Gleason Crater Site (AI# 4262) Shongaloo

LA Army National Guard - Camp Minden Training Site (AI# 8993) **Doyline**

Valentec Systems Inc (AI# 83656) Minden

Parish: West Baton Rouge **No. of Sites: 1**

Louisiana Metals (AI# 114) Port Allen

Parish: Winn **No. of Sites: 4**

American Creosote (AI# 316) **Winnfield**

Hixson Lumber Sales of Louisiana Inc (AI# 1221) Winnfield

LL Brewton Halsey St Site (AI# 139363) Winnfield

Montgomery Lumber Yard Site (AI# 44070) Winnfield

FY 2012-13 Inactive and Abandoned Sites – Potential

Parish: Acadia **No. of Sites: 4**

Crosstex Processing Services LLC - Eunice Gas Extraction Plant (AI#17715)	Eunice
Crowley City of - Incinerator Facility (AI# 1092)	Crowley
Darcy Operating Corp (AI# 8324)	Mire
INCA Refining LLC - Egan Facility (AI# 13951)	Egan

Parish: Allen **No. of Sites: 1**

State Highway 3066 Streambank Protection (AI# 44081)	Indian Village
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Parish: Ascension **No. of Sites: 8**

Air Liquide Large Industries US LP - Geismar Utility Services (AI# 1093)	Geismar
Ascension Parish Old Hwy 429 Landfill (AI# 10122)	St. Amant
BFI - Colonial Landfill (AI# 4803)	Sorrento
CSX NGL Riverside Gas Plant (AI# 69084)	Geismar
Ormet Primary Aluminum Corp - Burnside Alumina Plant (AI# 3420)	Burnside
Percy Braud - Dump Site (AI# 4989)	Gonzales
Robert Landfill (AI# 44696)	Sorrento
Univar USA - Geismar Facility (AI# 529)	Geismar

Parish: Assumption **No. of Sites: 1**

South Louisiana Sugar Cooperative Inc - Glenwood Factory (AI# 1286)	Napoleonville
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Parish: Avoyelles **No. of Sites: 2**

Exxon Pipeline Co - Bunkie Station (AI# 17138)	Bunkie
John Guidry Sand & Gravel Co (AI# 2133)	Mansura

Parish: Beauregard **No. of Sites: 2**

Harold William Farm (AI# 4808)	Fields
KCS Right of Way (AI# 4353)	Helme

Parish: Bienville **No. of Sites: 2**

Delhi Gas Pipeline Co - Continental Can Dehy (AI# 44539)	Bienville
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Gulf South Pipeline Co LP - Bistineau Compressor Station (AI# 7832)	Ringgold
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Parish: Bossier **No. of Sites: 6**

H&W Wrecking Co Landfill (AI# 1712)	Bossier City
Horowitz Property (AI# 25950)	Bossier City
Paul Spears Dump (AI# 44680)	Bossier City
Phillips Petroleum Co Bossier City (AI# 44136)	Bossier City
Sligo Processing Plant (AI# 44711)	Haughton
United Gas Pipe Line Co - Sligo Compressor Station (AI# 8022)	Haughton

Parish: Caddo **No. of Sites: 5**

Allen Kraft Plant (AI# 44762)	Shreveport
Electro Technics Corp (AI#313)	Shreveport
Red Ball Oxygen Co Inc (AI# 20587)	Shreveport
Shreveport City of - Fannin St Outfall (AI# 4669)	Shreveport
Shreveport City W Shreveport Oxidation Pond (AI# 8841)	Shreveport

Parish: Calcasieu **No. of Sites: 11**

American Vacuum Truck Co (AI# 3528)	Sulphur
Aumillers Petroleum Equipment Inc (AI# 40649)	Lake Charles
Crane Property Dump (AI# 8311)	Maplewood
Equistar Chemicals LP (AI# 1253)	Westlake
Gulf States Utilities Property Dump (AI# 8309)	Westlake
Hydrovac (AI# 2493)	Lake Charles
Jefferson Lake Sulphur Co Star (AI# 4400)	Starks
Nelson Burn Site (AI# 5215)	Carlyss
Rust Industrial Cleaning Services Inc (AI# 2211)	Sulphur
Union Texas Production Co (AI# 13110)	Sulphur
Universal Engineering Waste Disposal (AI# 44586)	Mossville

Parish: Cameron **No. of Sites: 9**

Big Diamond Trucking (AI #9125)	Grand Lake
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Chevron - Warren Petro (AI# 11518)	Johnsons Bayou	Dupre Logistics Terminal (AI# 611)	Baton Rouge
CSX Oil & Gas Corp - Johnsons Bayou Gas Processing Plant (AI# 11514)	Johnsons Bayou	East Baton Rouge School Board - Maintenance Yard (AI# 5726)	Baton Rouge
Hess Corp (AI# 10910)	Cameron	Florida Gas Transmission Co - Zachary Compressor Station #8 (AI# 8007)	Zachary
Mermentau Resources (AI# 4812)	Grand Chenier	Gilmar Marine Services Inc (AI# 8003)	Baton Rouge
Natural Gas Pipeline Co of America - Compressor Station #342 (AI# 12889)	Johnsons Bayou	Ideal Basic Industries Warehouse (AI# 1310)	Baton Rouge
Shell Offshore Inc (AI# 44702)	Johnsons Bayou	Ronald A Coco Inc (AI# 44141)	Baton Rouge
Targa Midstream Services LLC - Barracuda Gas Plant (AI# 26857)	Cameron	Sibco Inc (AI# 4656)	Greenwell Springs
Tennessee Gas Compressor Station 49 (AI# 44718)	Johnsons Bayou	Union Tank Car Co (AI# 1509)	Baton Rouge
<u>Parish:Catahoula No. of Sites: 1</u>		<u>Parish:East Feliciana No. of Sites: 1</u>	
Exxon Bulk Storage Plant (AI # 44433)	Jonesville	Bengal Pipeline Co LLC - Baton Rouge Tank Farm (AI #588)	Jackson
<u>Parish:Claiborne No. of Sites: 9</u>		<u>Parish:Evangeline No. of Sites: 1</u>	
Amoco Production Co Homer Station (AI# 44755)	Homer	Crawford Enterprises Inc - St Landry Compressor Station (AI# 11621)	St. Landry
<u>Parish:Concordia No. of Sites: 2</u>		<u>Parish:Iberia No. of Sites: 4</u>	
Amoco Production Co Lisbon Compressor Station (AI# 31863)	Lisbon	Acadiana Regional Airport (AI# 4394)	New Iberia
Associated Intrastate Pipeline Co Colquitt (AI# 44763)	Colquitt	Old Squirrel Run Landfill (AI# 9941)	New Iberia
Barnette & Benefield Inc (AI# 5381)	Haynesville	R&D Fabrication & Manufacturing (AI# 5187)	New Iberia
Berry Plastics Corp - Homer Plant (AI# 1206)	Homer	Waguespack Disposal Pits (AI# 9134)	Iberia
Gulf South Pipeline Co LP - Sharon Compressor Station (AI# 31890)	Sharon	<u>Parish:Iberville No. of Sites: 7</u>	
Marathon Oil Co - Haynesville Station (AI# 17473)	Haynesville	Bayou Henry Station (AI# 11653)	Ramah
Natural Gas Association-Haynesville (AI# 44672)	Haynesville	Former Livestock Dipping Vat (AI# 44594)	Bayou Goula
Texas Eastern Pipeline Mile Po (AI# 7409)	Homer	Glenmore Plantation Cattle Dip Pit (AI# 4806)	Bayou Goula
<u>Parish:East Baton Rouge No. of Sites: 9</u>		Hercules Inc (AI# 4895)	White Castle
Architectural Industrial Inc (AI# 44140)	Baton Rouge	Marine Maintenance Facility (AI # 44599)	Iberville
		Shell Western Exploration & Production (AI#13134)	Bayou Sorrel
		Tomeny Tract (AI#44726)	White Castle
		<u>Parish:Jefferson No. of Sites: 7</u>	
		Barnett/AmSan (AI #3224)	Harahan
		BFI (AI# 4368)	Metairie
		Hill Behan Lumber Co (AI# 1588)	Harahan

Publiker Chemical Corp (AI # 1411)	Gretna
Publicly Owned Marrero Site (AI # 4927)	Marrero
Trans Gulf Industrial Inc (AI# 38720)	Harahan
W Disposal Co Inc (AI# 8561)	Kenner

Parish: Jefferson Davis No. of Sites: 10

Disposal Properties LLC (AI# 3325)	Jennings
Jeff Davis Farm Coop (AI# 9572)	Jennings
Mesa Operating Ltd Partnership - G A Lyons Well #1 (AI#11721)	Lake Arthur
R360 Environmental Solutions Inc - Mermentau Treatment Facility - Site Code 2701 (AI# 9112)	Jennings
Rice Petroleum (Formerly Amoco) (AI# 7320)	Lake Arthur
Sarver Dump (AI# 4867)	Jennings
Saw Mill & Creosote Site (AI# 5338)	Jennings
Unidentified Dump #4 (AI #7318)	Thornwell
Union Texas Products-Woodlawn Station (AI# 44583)	Woodlawn
Welsh City of Landfill (AI# 4658)	Welsh

Parish: Lafayette No. of Sites: 6

Catalyst Recovery of Louisiana LLC (AI# 28267)	Lafayette
Gulf South Pipeline Co LP - Lafayette Compressor Station (AI# 2496)	Lafayette
LA SW Scrap & Salvage Inc (AI# 8321)	Lafayette
Transcontinental Gas Pipeline Corp (AI# 8326)	Lafayette
Waste Management of Louisiana LLC - Acadiana (AI#28265)	Lafayette
Western Oil Transport Co Duson Shop (AI#4396)	Duson

Parish: Lafourche No. of Sites: 2

Gulf Fab Salvors Co (AI# 3454)	Larose
Nicholls State University (AI# 2711)	Thibodaux

Parish: LaSalle No. of Sites: 3

Exxon Co USA - Catahoula Lake Tank Battery (AI# 8090)	Jena
Gulf South Pipeline Co LP - Olla Compressor Station (AI# 8097)	Olla

Western Oil Transport Co Tullos Shop (AI# 4397)	Tullos
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Parish: Lincoln No. of Sites: 5

CenterPoint Energy - Mississippi River Transmission LLC - Unionville Storage Compressor Station (AI# 13145)	Dubach
Chevron Chandler Battery (AI# 5193)	Ruston
Choudrant Battery Pit (AI# 5192)	Choudrant
Delhi Gas Pipeline Co - Ruston Plant (AI# 44541)	Dubach
Dubach Facility (AI# 23331)	Dubach

Parish: Livingston No. of Sites: 4

Livingston Parish Landfill (AI# 4813)	Maurepas
Lockharts Waste Disposal (AI# 8547)	Denham Springs
Port Vincent (#4) (AI# 44687)	Port Vincent
Sidney Lockhard Dump (AI#44708)	Denham Springs

Parish: Multi-parish No. of Sites: 2

PPG Pipeline Inc - Statewide Pipeline Operations (AI# 44688)	Statewide
Relmm Corp (AI# 44391)	Statewide

Parish: Not assigned No. of Sites: 76

Chandeleur Pipeline Co (AI# 44243)	Unknown
Chevron Chemical (AI #44776)	Unknown
Elizabeth Natural Gas (AI# 44238)	Unknown
Encina Transmission Co - Etc 169 Se/Tgt/United Interconnect (AI# 44482)	Unknown
Encina Transmission Co - Etc 217 Plaquemine (AI# 44481)	Unknown
Florida Gas Exploration-Williams #1 (AI# 44784)	Unknown
Former Arkla Pipeline Group Perryville Gasoline Plant (AI# 44217)	Unknown
Gas Gathering Corp - Bayou Bouillon Field Meter Station (AI# 44233)	Unknown
HGX Energy Corp (AI# 44405)	Unknown
Humble Gas System Inc (AI# 44459)	Unknown

John R Haynes Creosote Works (AI#44804)	Unknown	Transcontinental Gas Pipeline Corp 10 Happytown Lateral (AI# 44743)	Unknown
LGS Intrastate Co -LGS Natural Gas Co (AI#44369)	Unknown	Transcontinental Gas Pipeline Corp 12 Live Oak Lateral (AI# 44742)	Unknown
Long-Bell Lumber Co (AI#44822)	Unknown	Transcontinental Gas Pipeline Corp 12 Texas Gas (AI# 44627)	Unknown
Louisiana-Nevada Transit (AI# 44460)	Unknown	Transcontinental Gas Pipeline Corp 16 Live Oak Junction (AI# 44744)	Unknown
Manchac Point (AI# 44596)	Unknown	Transcontinental Gas Pipeline Corp 50 M/L Drip (AI# 44731)	Unknown
Mid Louisiana Gas Co (AI# 44827)	Unknown	Transcontinental Gas Pipeline Corp 60 M/L Drip (AI# 44624)	Unknown
North Louisiana Gathering Inc (AI# 44380)	Unknown	Transcontinental Gas Pipeline Corp 8 Happytown Lateral (AI# 44644)	Unknown
Pelican Interstate Gas System (AI# 44385)	Unknown	Transcontinental Gas Pipeline Corp 8 Live Oak Lateral (AI# 44628)	Unknown
Pine Pipeline Inc (AI# 44387)	Unknown	Transcontinental Gas Pipeline Corp 8 Raccourci Lateral (AI# 44629)	Gulf of Mexico
Ponchartrain Natural Gas System (AI# 44386)	Unknown	Transcontinental Gas Pipeline Corp Atchafalaya River Drip (AI# 44734)	Unknown
Quality Gas Corp (AI# 44390)	Unknown	Transcontinental Gas Pipeline Corp Atchafalyaya River Trap (AI# 44642)	Unknown
Red Sea Pipeline Co (AI# 44394)	Unknown	Transcontinental Gas Pipeline Corp Cow Island Junction (AI# 44620)	Unknown
Riverway Gas Pipeline Co (AI# 44392)	Unknown	Transcontinental Gas Pipeline Corp Duson Lateral (AI# 44635)	Unknown
Sabine Gas Transimssion Co (AI# 44396)	Unknown	Transcontinental Gas Pipeline Corp E White Lake Junctionl (AI# 44737)	Unknown
Sinclair Oil Co (AI# 44709)	Unknown	Transcontinental Gas Pipeline Corp Egan Junction (AI#44730)	Unknown
Sleepy Efferson Dump (AI# 44710)	Unknown	Transcontinental Gas Pipeline Corp Egan M & R Yard (AI# 44728)	Unknown
Southpoint Pipeline Co (AI# 44245)	Unknown	Transcontinental Gas Pipeline Corp Lake Arthur Trap (AI# 44735)	Unknown
Sun Gas Transmission Co Inc (AI #44283)	Unknown	Transcontinental Gas Pipeline Corp Lake Decade Plant (AI# 44740)	Unknown
Sun Gas Transmission Co Lelong Delivery Pt (AI# 44716)	Unknown	Transcontinental Gas Pipeline Corp Luck Lateral Tie-le (AI# 44639)	Unknown
Superior Offshore Pipeline Co (AI# 44183)	Unknown		
Texas Eastern - Sharon Station (AI# 44227)	Sharon		
Transcontinental Gas Pipeline Corp - 8 Paradis Lateral (AI# 44632)	Unknown		
Transcontinental Gas Pipeline Corp - N Sabine Lake Lateral (AI# 44640)	Unknown		
Transcontinental Gas Pipeline Corp - Raceland Lateral (AI#44637)	Unknown		
Transcontinental Gas Pipeline Corp 10 Delcambre Lateral (AI# 44645)	Unknown		

Transcontinental Gas Pipeline Corp Lucy Lateral Tap (AI# 44633)	Unknown	Tuscaloosa Pipeline Co (AI# 44295)	Unknown
Transcontinental Gas Pipeline Corp M/L Receiving Trap (AI# 44625)	Unknown	Valley Gas Transmission Inc (AI# 44299)	Unknown
Transcontinental Gas Pipeline Corp Mississippi River Drip (AI# 44643)	Unknown	Parish: Ouachita	No. of Sites: 1
Transcontinental Gas Pipeline Corp Mississippi River Scrubber (AI# 44634)	Unknown	Texas Eastern Transmission - West Monroe Compressor Station (AI# 8241)	West Monroe
Transcontinental Gas Pipeline Corp Mississippi River Trap (AI# 44622)	Unknown	Parish: Plaquemines	No. of Sites: 5
Transcontinental Gas Pipeline Corp Mobil Cameron Lateral (AI# 44623)	Unknown	Cox Bay Compressor Co (AI# 11915)	Port Sulphur
Transcontinental Gas Pipeline Corp Mosquito Bay Plt (AI #44738)	Unknown	Freeport Pipeline Co - Port Sulphur Operation (AI# 44498)	Port Sulphur
Transcontinental Gas Pipeline Corp N End Yard (AI# 44646)	Unknown	Louisiana Gas Service Co - Buras Station (AI# 44810)	Buras
Transcontinental Gas Pipeline Corp Pointe Au Fer Lateral (AI# 44736)	Unknown	Plains Marketing LP - Venice Terminal (AI# 4981)	Venice
Transcontinental Gas Pipeline Corp Raccourci Drip (AI #44631)	Unknown	Targa Midstream Services LLC - Venice Gas Processing Plant (AI# 17897)	Venice
Transcontinental Gas Pipeline Corp Reeves Tank Site (AI #44621)	Unknown	Parish: Portable Source	No. of Sites: 1
Transcontinental Gas Pipeline Corp Station #42 (AI #44647)	Unknown	Barge Bastian Bay Compressor Station - Bateman Lake Field (AI# 32)	Portable Source
Transcontinental Gas Pipeline Corp Station #43 (AI# 44563)	Unknown	Parish: Rapides	No. of Sites: 6
Transcontinental Gas Pipeline Corp Station #46 (AI# 44565)	Unknown	Glenmora Creosote Co Inc (AI# 113)	Glenmora
Transcontinental Gas Pipeline Corp Station #56 (AI# 44568)	Unknown	Lecompte Dump (AI#44818)	Lecompte
Transcontinental Gas Pipeline Corp Station #57 (AI# 44569)	Unknown	Missouri-Pacific Railyard (AI# 4789)	Alexandria
Transcontinental Gas Pipeline Corp Station #66 (AI# 44574)	Unknown	Oilfield Scrap & Equipment (AI# 112)	Alexandria
Transcontinental Gas Pipeline Corp Tresh Water Bayou Plt (AI# 44733)	Unknown	Rax Jimmy Garbage Disposal (AI# 1513)	Alexandria
Transcontinental Gas Pipeline Corp Union Intercoastal (AI# 44630)	Unknown	Waste Management of Central Louisiana (AI# 10918)	Alexandria
Transcontinental Gas Pipeline Corp Vinton Yard (AI# 44626)	Unknown	Parish: Richland	No. of Sites: 1
		Former McGowan Working Partners - Delhi Gas Plant (AI# 32755)	Delhi
		Parish: Sabine	No. of Sites: 1
		A Bunker Oil Inc (AI# 9375)	Esto
		Parish: St. Charles	No. of Sites: 3
		John Guillard (AI# 44751)	New Sarpy
		Quality Carriers Inc (AI# 4336)	Luling
		Sixty Acres Inc - Landfill (AI# 82164)	St. Charles

Parish: St. James No. of Sites: 2

St James Terminal Spur SPR (AI# 8997)	St. James
West Tank Battery College Point - St James Field (AI# 9269)	St. James

Parish: St. John the Baptist No. of Sites: 2

Lucy Oil Service Corp (AI #44824)	Lucy
PSI Inc (AI #44689)	Laplace

Parish: St. Landry No. of Sites: 8

Benson Property (AI# 6757)	Cankton
Cayuse Pipeline Inc (AI# 44771)	Eunice
Dresser P&M Manufacturing Division (AI# 3298)	Eunice
Exxon Co USA - Opelousas Gas Plant (AI# 665)	Opelousas
Gulf South Pipeline Co - Opelousas Compressor Station (AI# 44226)	Opelousas
Gulf South Pipeline Co LP - Arnaudville Compressor Station (AI# 42059)	Arnaudville
LA Southern Forest Products (AI# 8162)	Port Barre
St Landry Parish Police Jury (AI# 4273)	Opelousas

Parish: St. Martin No. of Sites: 4

Cecilia Field Commingling Facility (AI# 13117)	Cecilia
Charles Holston Inc (AI# 4818)	Cade
Dexter Leonard Residence (AI# 44560)	Stephensville
Enterprise Field Services LLC - Anse LaButte Terminal (AI #589)	Breaux Bridge

Parish: St. Mary No. of Sites: 15

Amelia Dump Facility (AI# 11088)	Amelia
ANR Pipeline Co - Patterson Compressor Station (AI# 1959)	Patterson
Bayou Sale Production Facility - Bayou Sale Field (AI# 16846)	Franklin
Cargill Inc (AI# 7717)	Calumet
Cities Service Co - North Bend Plant #95 (AI# 2637)	Franklin
Exxon Bayou Sale Compressor Station (AI# 11996)	Franklin
Exxon-Franklin Station (AI# 44752)	Franklin

Hilcorp Energy Co - Neptune Gathering System (AI# 17159)	Centerville
LA Gas Service Co - Centerville Station (AI# 44811)	Centerville

Morgan City Maintenance Facility (AI# 11167)	Morgan City
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Orion Engineered Carbons LLC - Ivanhoe Carbon Black Plant (AI# 2518)	Franklin
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Styrene Spill Morgan City (AI# 44189)	Morgan City
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T/B Gail L (AI# 9054)	Amelia
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Texaco-Franklin Station (AI# 44719)	Franklin
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Unidentified Site - Julien (AI# 7720)	Julien
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Parish: St. Tammany No. of Sites: 1

A J Membreno (AI# 44759)	Madisonville
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Parish: Tangipahoa No. of Sites: 5

B&F Rural Sanitation Co Inc (AI# 2702)	Hammond
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Crisp Quarry (AI# 7713)	Hammond
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Hammond City of Landfill (AI# 9943)	Hammond
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Hammond Gravel Pit Dump (AI# 7712)	Hammond
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Hillsdale Drums (AI# 44450)	Amite
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Parish: Tensas No. of Sites: 1

Louisiana Resources Co - Locust Ridge Station (AI# 44813)	St. Joseph
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Parish: Terrebonne No. of Sites: 3

Delta Shipyard (AI# 2488)	Houma
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Shell Pipeline Co LP - Gibson Station (AI# 33030)	Gibson
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TETCO Pointe au Chien (AI# 267)	Montegut
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Parish: Union No. of Sites: 2

Ouachita City Mid-LA #1 Compressor Station (AI# 87616)	Ouachita City
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Wintershall Pipeline - Rocky Branch Compressor Station (AI# 13143)	Rocky Branch
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Parish: Vermilion No. of Sites: 14

Amoco Production Co - Gueydan Station (AI #9446)	Gueydan
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Arco-Live Oak Gas Stripping Plant (AI #9451)	Intracoastal City
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Chevron Pipe Line Co - Henry Gas Processing Plant (AI# 615)	Erath	International Paper Co Inc - Container Division (AI# 4016)	Springhill
Enterprise Gas Processing LLC - Sea Robin Gas Processing Plant (AI# 708)	Erath	International Paper Co-Cullen (AI# 44799)	Cullen
Leleux Disposal Co (AI# 4267)	Lelieux	Winford Co Inc (AI# 10127)	Minden
Mobil Oil Co - W Gueydan Compressor (AI# 44828)	Gueydan	<u>Parish: West Baton</u>	<u>No. of Sites: 10</u>
New Forked Island Shipyard (AI# 9135)	Forked Island	Barry Moore Auto Salvage Dump (AI# 4802)	Port Allen
Texaco Inc Convent Refinery (AI# 4398)	Erath	Catalyst Handling Systems Inc (AI# 4259)	Port Allen
Tower Pit Inc (AI# 4797)	Kaplan	ExxonMobil Refining & Supply Co - Anchorage Tank Farm (AI# 858)	Port Allen
Transcontinental Gas Pipeline Co LLC - Tigre Lagoon Lateral (AI# 44741)	Erath	Haggard Trucking Co (AI# 4608)	Port Allen
Unidentified Dump #1 (AI# 7307)	Maurice	Mc Nair Transport (AI# 2824)	Port Allen
Vermilion Sugar Mill (AI# 85286)	Abbeville	McLean Trucking Co (AI# 4929)	Port Allen
Vermilion SWD Accumulator #6 Facility (AI# 713)	Erath	Newpark Resources Inc - Nid Well Site (AI# 1048)	Addis
Waguespack Disposal (AI# 8317)	Delcambre	SE Dental Research Corp (AI# 84940)	Port Allen
<u>Parish: Vernon</u>	<u>No. of Sites: 1</u>	Southeast Inc (AI# 4792)	Erwinville
Rowzee Asbestos Disposal (AI# 44601)	Fort Polk	TT Barge Services Mile 237 (AI# 302)	Port Allen
<u>Parish: Webster</u>	<u>No. of Sites: 5</u>	<u>Parish: West Feliciana</u>	<u>No. of Sites: 1</u>
G E Allen (AI# 44132)	Sarepta	Haney Property (AI# 44032)	Wakefield
Georgia Pacific Wood Products South LLC - Springhill Wood Products (AI# 3601)	Springhill	<u>Parish: Winn</u>	<u>No. of Sites: 1</u>
		R&D Fabricating & Manufacturing (AI# 5188)	Winn

FY 2012-13 Superfund Sites in Louisiana

Current National Priorities List (NPL) Sites

Site Name	Parish	Listing Date
Agriculture Street Landfill*	Orleans	12/16/94
Operable Unit No. 1 - Undeveloped Property		
Operable Unit No. 2 - Residential Properties		
Operable Unit No. 3 – Shirley Jefferson Community Center		
American Creosote Works, Inc.	Winn	10/14/92
Bayou Bonfouca	St. Tammany	09/08/83
Combustion, Inc.	Livingston	08/30/90
EVR Wood Treating/ Evangeline Refining Company	Acadia	09/01/2012
Louisiana Army Ammunition Plant	Webster	03/31/89
Madisonville Creosote Works	St. Tammany	12/23/96
Marion Pressure Treating Company	Union	02/04/00
Petro Processors of Louisiana, Inc	East Baton Rouge	09/21/84

*Agriculture Street Landfill is divided in five operable units. Three of these units are still listed on the NPL. Cleanup on two units is completed and these units have been deleted from the NPL.

Sites Proposed to the NPL

Site Name	Parish	Proposed Listing Date
Devil's Swamp-Ewell Property	East Baton Rouge	03/08/04
Gulf States Utilities (North Ryan Street)	Calcasieu	02/13/95
Highway 71/72 (Old Citgo Refinery)	Bossier	02/13/95

Sites Deleted from the NPL

Site Name	Parish	Deletion Date
Bayou Sorrel	Iberville	09/29/97
Central Wood Preserving Co.	East Feliciana	9/18/09
Cleve Reber	Ascension	12/30/97
Southern Shipbuilding	St. Tammany	06/16/98
Dutchtown Treatment Plant	Ascension	11/16/99
PAB Oil and Chemical Service, Inc.	Vermilion	01/03/00
D.L. Mud	Vermilion	03/07/00
Agriculture Street Landfill**	Orleans	06/15/00
Operable Unit No. 4 – Mouton Elementary School		
Operable Unit No. 5 – Groundwater		
Gulf Coast Vacuum Services	Vermilion	07/23/01
Delatte Metals	Tangipahoa	08/08/05
Mallard Bay Landing Bulk Plant (formerly Talen's Landing)	Cameron	09/19/05
Old Inger Oil Refinery	Ascension	8/12/08
Ruston Foundry	Rapides	07/13/2010

** Agriculture Street Landfill is divided into five operable units. The two units listed here have been deleted from the NPL list

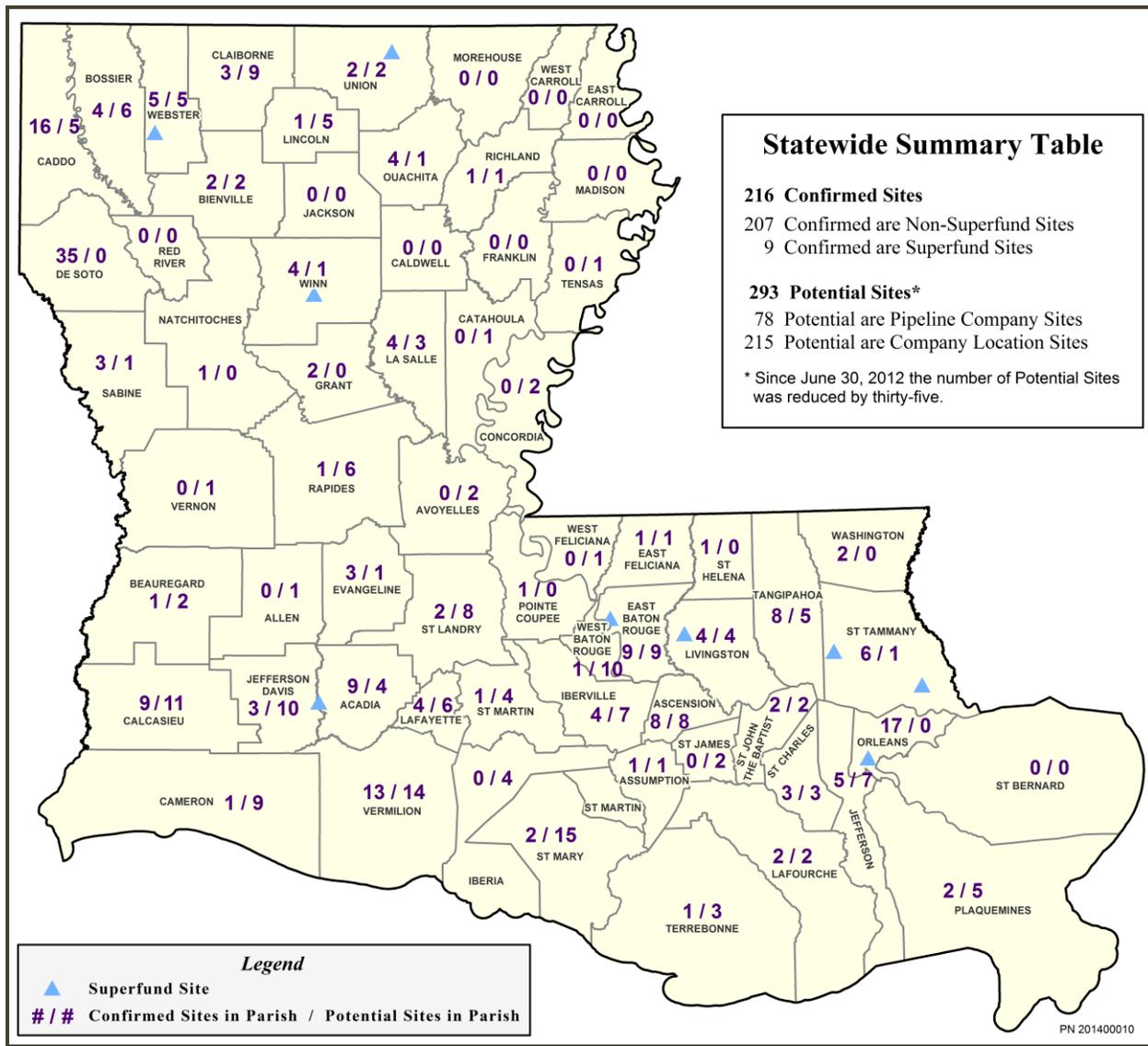
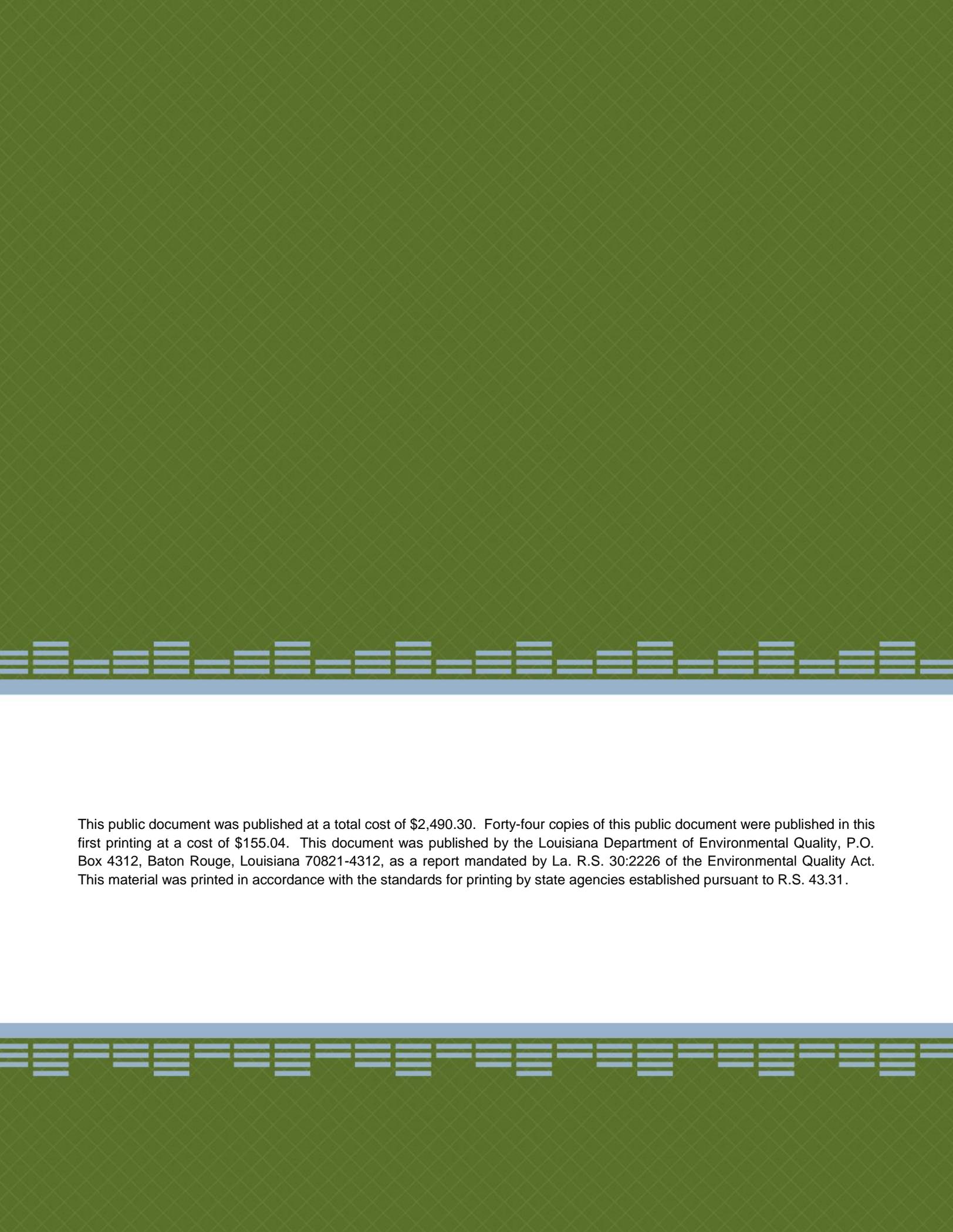


Figure 3. Inactive and abandoned confirmed and potential sites as of June 30, 2013



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