

**JULY 2006**

**DRAFT PHASE I  
ENVIRONMENTAL SITE ASSESSMENT REPORT**

**WEST BANK HURRICANE PROTECTION  
PROJECT – EAST OF HARVEY CANAL  
IN THE VICINITY OF HERO CANAL  
(OAKVILLE LEVEE EXTENSION)  
PLAQUEMINE PARISH, LOUISIANA**

*Prepared by:*



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**July 19, 2006**

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**Approval Page**

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USACE MVN Environmental Professional, PE

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USACE MVN Environmental Professional

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## Acronym List

ACM	Asbestos – Containing Material
AOC	Area of Concern
APIS	Aerial Photography Index System
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFR	Code of Federal Regulations
CORRACTS-TSD	Treatment Storage Disposal: Facilities subject to Corrective Action under RCRA
EAA	Environmental Assessment Association
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right To Know Act
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
FINDS	Facility Index System
FOIA	Freedom of Information Act
FR	Federal Register
HAZCOM	Hazard Communication
LBP	Lead – Based Paint
LDEQ	Louisiana Department of Environmental Quality
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
HIST	Historical
NFRAP	Former CERCLIS sites where No Further Remedial Action Is Planned under CERCLIS
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PI-ESA	Phase I – Environmental Site Assessment
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition (per ASTM PI-ESA standard)
SHWS	State Hazardous Waste Site
SPCC	Spill Prevention Control and Countermeasure
SRM	Standard Reference Material
SQG	Small Quantity Generator
TSDF	Hazardous Waste Treatment, Storage or Disposal Facility
USACE-MVN	United States Army Corps of Engineers – New Orleans District
USGS	United States Geological Survey
UST	Underground Storage Tank

## 1.0 Executive Summary

The United States Army Corps of Engineers, New Orleans District (USACE MVN) has performed a Phase I Environmental Site Assessment (PI-ESA) in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E 1527-05<sub>(1)</sub>", for the Subject Site (also known here-in as the Proposed Levee Alignment, or the Site), defined as:

The proposed levee alignment around the eastern terminus of Hero Canal, as shown on the Site Map in Appendix A, in the vicinity of Industrial Pipe Inc. and Riverside Recycling & Disposal, in Plaquemine Parish, Louisiana; Assumed address: 11266 Highway 23, Belle Chasse, LA 70037

The following Recognized Environmental Conditions (RECs) were found to be associated with the Subject Property and Adjoining Properties, as defined by ASTM E 1527-00:

### Subject Property

- **Active and historic landfills in the immediate area (present a potential for landfill material to exist within the proposed levee alignment).**
- **Probable un-permitted waste within landfills in the immediate area (present a potential for groundwater contamination from hazardous materials).**

The following ASTM de minimis environmental conditions were found to be associated with the Subject Property and Adjoining Properties:

### Subject Property

- **Potential petroleum hydrocarbon contamination of the soil from discarded/staged automobiles, drums, tanks, and other containers**
- **Potential creosote contamination of soil in the vicinity of piles of treated timbers**

Non-ASTM scope items identified as being present or potentially present on the Subject Property and Adjoining Properties included the following:

### Subject Property

- None Noted

#### Adjoining Properties

- Potential Asbestos Containing Materials In structures adjacent to the Proposed Levee Alignment
- Potential Lead Based Paint Materials In structures adjacent to the Proposed Levee Alignment

## **2.0 Introduction**

The United States Army Corps of Engineers, New Orleans District (USACE MVN) performed a Phase I-Environmental Site Assessment (PI-ESA) for a proposed levee alignment in the vicinity of Hero Canal in Plaquemines Parish. This *Site* is located near Oakville, Louisiana which is approximately 5 miles south of Belle Chase, LA. The site is currently owned by Mr. Kenney Stewart, owner of Stewart Enterprises. Stewart Enterprises consists of Riverside Recycling & Disposal, Bayou Concessions Scrap Inc., and Industrial Pipe Inc., all of which are collocated on Hero Canal. (Other members of Mr. Stewart's family may be part owners of the properties and businesses in the area).

### **2.1. Purpose**

The purpose of this ESA is to investigate the site for potential contamination within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as well as, for petroleum product contaminants. As a result, this PI-ESA may satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability. USACE MVN conducted this ESA on property which USACE-MVN, along with its non-federal sponsors intends to develop as part of the New Orleans West Bank Hurricane Protection Project – East of Harvey Canal. Non-federal sponsors include the Plaquemine Parish Government (PPG), the LA Department of Transportation (LADTOD; through funding to PPG), and the West Jefferson Levee District.

### **2.2. Scope-of-Services**

This ESA was completed following the general Phase I Environmental Site Assessment requirements of the American Society for Testing and Materials (ASTM) Designation: E 1527-05<sub>(1)</sub> to identify "*recognized environmental conditions*" at the *site*. *Recognized environmental conditions (RECs)* are defined by ASTM as:

*“The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”*

For detailed definitions of the terms used in this report, refer to Section 3, Terminology in ASTM E 1527-05<sup>(1)</sup>.

The methodology utilized to execute the project included:

- 1) Gathering pertinent environmental data, interviewing the owner(s) or their representative about the property and land uses, and conducting a site visit; (the interviews conducted during past assessments/investigations are referenced for purposes of this ESA)
- 2) Reviewing historical information including Sanborn Fire Insurance Maps, Aerial Photographs, Topographic maps, and property records to determine past land uses;
- 3) Conducting a review of the federal and state regulatory agency records identifying known or suspected environmental concerns for the subject property and the surrounding area;
- 4) Reviewing geologic and hydro-geologic conditions of the subject property and surrounding area, without performing soil borings;
- 5) Preparing a report summarizing the findings of the investigation in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments <sup>(1)</sup>.

### **2.3. Past Assessments**

At least three past Assessments have been completed which focus on the site and adjacent properties (or parts of the site and/or properties) addressed in this Phase I ESA. These Assessments were substantial in scope and their results are incorporated into this Phase 1 ESA by reference. The Assessment reports are listed below. Partial copies of these Assessments are included in **Appendix D** to this report. Some graphics and appendices to the past assessment reports were not provide in this ESA Report, however the complete documents are available from the Planning Division, USACE MVN.

**Initial Hazardous, Toxic and Radioactive Waste Site Assessment, (HTRW #28), West Bank of The Mississippi River, In The Vicinity of The Harvey Canal,**

Algiers Canal, Harvey Canal, and Hero Canal, Jefferson, Orleans, and Plaquemines Parishes, HTRW #28; completed by the U. S. Army Corps of Engineers, New Orleans District Planning Division, August 1994

**Initial Hazardous, Toxic and Radioactive Waste (HTRW) Assessment (HTRW #106)**, East of Harvey Hurricane Protection Levee, Industrial Pipe Land Fill In The Oakville Area, Plaquemines Parish, Louisiana HTRW #103; completed by the U. S. Army Corps of Engineers, New Orleans District Planning Division, July 1996

**Environmental Data For Oakville Levee Realignment Evaluation**, submitted to the U. S. Army Corps of Engineers, New Orleans District, by Gulf Engineers & Consultants, July 1999

## 2.4. Significant Assumptions

Initial assumptions made while preparing this assessment included:

- For research purposes, the site address was assumed to be 11256 Highway 23 (for information on the recycling and disposal activities) and 177 Oakville St. (for the Environmental Data Resources, EDR, Report), both of which are in Belle Chasse, Louisiana 70037

## 2.5. Limitations and Exceptions

USACE MVN's professional judgment regarding the potential for environmental impacts is based on limited data; therefore, this assessment is not intended to be a definitive investigation of contamination at the site. A site walkthrough, by nature, is limited in its ability to fully assess potential environmental liabilities or concerns associated with a property. Further investigation would be required to identify potential environmental liabilities that may be present at the site, but are beyond detection based on the scope of this Phase I-ESA. USACE MVN does not warrant or guarantee the *Site* suitable for any particular purpose, or certify the *Site* as clean or free of contamination. As with any assessment, it is possible that past or existing contamination remains undiscovered. The professional opinions set forth in this report are based solely upon and limited to USACE MVN's field observations of the *Site* and the immediate *Site* vicinity, and upon USACE MVN's interpretations of the available historical information, interviews, and other readily available information. Consequently, this report is complete and accurate only to the extent that cited records, agency information, and recollections of persons interviewed are complete and accurate.

The opinions and recommendations in this report apply to *Site* conditions and features that existed at the time of USACE MVN's investigation. Changes in any of these factors may alter the findings and conclusions expressed by USACE

MVN. USACE MVN's opinions and recommendations cannot necessarily apply to conditions and features of which USACE is unaware and has not had the opportunity to evaluate. Future regulatory modifications, agency interpretations, and/or policy changes may also affect the compliance status of the subject property. Laws and regulations, if referenced in this report, are provided for information purposes and should not be construed as legal opinion or recommendation.

## **2.6. Special Terms and Conditions**

This ESA was prepared for the sole and exclusive use of USACE MVN, the only intended beneficiary of this work. This Report is intended exclusively for the purpose outlined herein and is to be used in its entirety. No excerpts from the report may be taken to be representative of the findings of this assessment.

## **2.7. User Reliance**

The scope of services performed in execution of this investigation may not be appropriate to satisfy other users, and any use or reuse of this document or its findings, conclusions or recommendations presented herein is at the sole risk of the user.

## **3.0. Subject Property Description**

### **3.1. Location and Description**

3.1.1. Location. The subject property is located approximately 5 miles south of Belle Chasse, Louisiana, and west of and in close proximity to Louisiana Highway 23, (Refer to Map1 – Site Map located in **Appendix B**). The majority of the subject property (proposed levee alignment) addressed by this assessment lies within sections 4 and 43 of Township 15 South, Range 24 East.

3.1.2. Site Description. The 'site' is the footprint of the proposed alignment for the West Bank and Vicinity, East of Algiers Canal, Hero Canal to Oakville Reach, First Enlargement. The alignment consists of 4368 linear feet of proposed improvements; 3769-feet of which is earthen levee and 599-feet of which is floodwall.

### **3.2. Subject Site and Vicinity General Characteristics**

The *Site* is located just to the north of the community of Oakville, Louisiana. The *Site* is located within an industrial area that is adjacent to residential homes of Oakville. Photographs of the *Site* and adjacent properties have been provided in Appendix G – Site Photographs.

### 3.3. Current Use of the Site

Approximately one-half of the proposed alignment (2427-ft, or 56%) is within, or is adjacent to, industrial activities. Stewart Enterprises appears to be the primary land owner in the area. Stewart leases the portion of the subject property north of Hero Canal and south of Walker Road from Hero Land Company. Past and present operators businesses in the area include Industrial Pipe Inc., Riverside Recycling & Disposal, Concession Scrap, Duplises & Sons, and Triple-G Welding. An example of industrial business/activities in the area includes:

Riverside Recycling & Disposal - The first Type III Material Recovery Facility in South Louisiana in 1990. Riverside Recycling and Disposal acquired a solid waste transfer permit from the Department of Environmental Quality in 1991; sorts and processes corrugated, white paper, mix paper, plastics, light gauge steel and non-ferrous metals; adjoining dock facility opened primarily for the handling and recycling of creosote material by barge. Owner Kenny Stewart says that the company's materials recovery facility (MRF) for paper, cardboard and other recoverable materials, has closed down [following Hurricane Katrina], but its buyback center is still open. The company buys back copper, aluminum cans, brass, stainless steel and carbon steel (scrap iron). Information was obtained from the Bayou Construction and Sierra Club websites <sup>(11)</sup>.

Bayou Concession Scrap, Inc. - Established in 1994 for the purpose of dismantling and salvaging barges, boats and oilfield structures; located on the Hero Canal at the 8-mile marker of the Intracoastal Waterway West; has 2000 feet of protected dock space.

Industrial Pipe Inc., - Started in 1984, was the first of the three recycling companies to be formed; for the purpose of wholesale distribution of used and surplus steel pipe; Stocking both oilfield and line; has the capabilities to remove concrete and tar coatings and to recondition pipe; has a large selection of both marine and industrial equipment for sale.

Approximately 1128 feet of the proposed levee alignment surrounds the eastern extent of Hero Canal. A drainage ditch runs east to west along the southern edge of the industrial area. The proposed levee alignment (site) bisects the drainage ditch and parallels adjacent to the ditch for approximately 1900 feet. The ditch will need to be redesigned to facilitate drainage of the area upon construction of the new levee.

Two large sand pits exist adjacent to the levee alignment on either side of the main site access road. The northern pit is still in operation for sand recovery. Pipe lines exiting the pit on the east side suggest that sediment is pumped from the river and water is returned to the river in order to recharge the sand pit. The

southern pit has been converted to a construction and debris landfill and was in operation at the time of the site visit.

### **3.4. Description of Structures, Roads and Other Improvements on the Subject Property**

3.4.1. Structures. The proposed levee alignment (site) has been designed to avoid existing structures and improvements. At least three structures exist within the proximity of the alignment. An industrial shop building is located just east of the end of Hero Canal, a maintenance shed is located just south of the shop building, and a material sorting and recycling building exists between the alignment and the state highway, just east of the sand pit area. (See Map 2 – Site Features, in **Appendix B**).

3.4.2. Roads. Numerous unimproved (gravel & dirt), unnamed roads cross the industrial area. The proposed levee alignment (site) crosses these roads in at least four locations. These crossings will impact access to the canal, the sand pit, and the landfill areas, and levee crossing ramps are proposed in at least three locations.

3.4.3. Other Improvements. Other Improvements in the general area consist of various temporary storage facilities, i.e., boxes and trailers, none of which appear to be on the levee alignment (site).

### **3.5. Current Uses of Adjoining Properties**

Do to the nature of this site as a proposed levee alignment, the adjacent properties are the properties through, on, or near which the levee is proposed to exist. For this evaluation three properties are considered to be adjacent properties: The industrial area, as described above, 2) the Oakville residential community that lies to the south of the industrial area, and 3) and the undeveloped wooded area directly to the west of the community of Oakville.

Ownership of the industrial area, as stated above is almost exclusively by Kenny Stewart Enterprises. Ownership of the residential community is various. And ownership of the undeveloped wooded area has not been determined at the time of this report. No legal descriptions were sought or collected as part of this assessment.

## **4.0 User Provided Information**

The purpose of the information provided in this section is to provide background information for the PI-ESA. The Client/Owner typically provides the information

below in order to help reduce the overall cost of the PI-ESA. The provided information is used to ascertain whether past activities have contributed to the creation of *RECs*. Refer to **Appendix D** – Summary of Past Assessments for information via interviews and conversation with the current land owners and other relevant personnel.

#### **4.1. Title Records**

Title records were not provided, and these records were not researched nor were they sought from the Parish Clerk of Courts Office.

#### **4.2. Environmental Liens or Activity and Use Limitations**

No environmental liens or activity and use limitation documentation was provided and none were noted during the research process, or in the EDR Radius Map with Geocheck Report.

#### **4.3. Specialized Knowledge**

USACE MVN conducted research to locate and obtain historical information concerning the *Site* landfills. USACE MVN conducted a limited investigation of the known and suspected landfills, by searching LDEQ and EPA websites and corresponding by phone and email with offices of the LDEQ Waste Management Division; refer to **Appendix E** – MVN Summary of Correspondence & File Data.

#### **4.4. Reason for Performing PI-ESA**

This Phase I-Environmental Site Assessment is required as part of a potential real estate transaction between the property owner, Kenneth Stewart of Stewart Enterprises, and the nonfederal sponsors of this levee project, which include one or more of the following: the Plaquemine Parish Government (PPG), the LA Department of Transportation and Development (LADTOD; through funding to the PPG) and the West Jefferson Levee District (WJLD). The nonfederal local sponsor(s) for this levee project is responsible for providing all land necessary for the proposed levee alignment per a Cooperative Agreement with the U.S. Army Corps of Engineers, the Federal Sponsor.

### **5.0 Records Review**

The purpose of the records review is to obtain and review records that will help identify *RECs* (Recognized Environmental Concerns) in connection with the subject property and property vicinity. This section presents: (1) the results of a search of state and federal environmental databases; (2) a water well database

search; (3) a review of available historical information, including aerial photographs, topographic maps, and Sanborn © Fire Insurance Maps; and (4) a review of available site historical documents. Accuracy and completeness of record information varies among information sources, including government sources. USACE MVN has made every effort to compensate for obvious mistakes or insufficiencies in information reviewed based on other information of which the environmental professional has actual knowledge.

## 5.1. Standard Environmental Record Sources

ASTM E-1527-05 requires that Federal and State record sources be reviewed based on stated approximate minimum search distances. Review of current state and federal databases should identify properties of known or potential environmental concern. This includes sites with identified or possible contamination (“Superfund” and state-listed sites, old landfills, sites with historical spills or LUSTs, etc.), facilities that generate hazardous wastes, and properties that contain Above Ground Storage Tanks (ASTs) or Underground Storage Tanks (USTs).

Since Environmental Data Resources, Inc. (EDR), of Milford, Connecticut, has compiled an extensive database of environmental information, USACE MVN obtained a database records search for the Site from EDR. On June 02, 2006, EDR completed an electronic search of federal and state environmental databases to identify *RECs* on-Site or within standard or user specified ASTM distances from the site. EDR provided a detailed report (referred to as the EDR Radius Map with GeoCheck® Report) summarizing the databases and environmental information obtained for this assessment. A summary of the state and federal databases searched, the ASTM standard search distances, and the *RECs* associated with each is provided as Table 1 on page 10. The EDR Radius Map with GeoCheck® Report (**Appendix A**) describes the purpose of each of the databases searched.

### EDR ENVIRONMENTAL RECORDS

- Environmental Data Resources Inc. Radius Map with Geocheck® Report
- Environmental Data Resources Inc. Sanborn® Map Report
- Environmental Data Resources Inc. Topographic Map Report
- Environmental Data Resources Inc. Aerial Photograph Decade package

#### 5.1.1 Subject Property

Based on review of the EDR Report, only Industrial Pipe, Inc. was listed in the databases searched. Based on information provided through the research of available records, including LDEQ records, obtained during the interviews (associated with the previous assessments/investigations), and the visual evidence noted during the site visit, one or more historical landfills are located

on, or in the very near proximity to, the subject property. Based on the information referenced above, USACE MVN identifies the landfill(s) as a Recognized Environmental Concern (REC).

### 5.1.2 Adjoining Property

Surrounding or adjoining properties identified by the EDR database search are either considered *plotted* sites (sites that could be located by the given address and are mapped in the EDR Report) or *orphan* sites (sites that were not mapped by EDR due to insufficient address information.) The proximity of the plotted and orphan listings to the *Site*, along with the geologic characteristics of the area, could have implications relative to potential environmental impacts at the *Site*. The EDR search identified the following plotted and orphan sites in the databases searched.

#### Mapped Sites

No other mapped sites (aside from Industrial Pipe, inc.) within the specified search distances, were identified by EDR.

#### Orphan Sites

Forty Orphan sites were identified as potential RECs by EDR's database search (Refer to Radius Map With Geocheck® Report's, Orphan Summary, in **Appendix A** - EDR Findings.) Due to insufficient address, none of the orphan sites were mapped in the EDR Report. During the our research USACE MVN identified three potential sites of concern: SUBSEA 7 US, LL, Industrial Pipe Inc., and New Orleans Metalworks Inc., all of which are include in **Appendix C** – EPA Website Information. None of the remaining orphan sites are within the immediate vicinity of the subject property; therefore, none of the other orphan sites listed in the EDR Report were included in this assessment. Additional information-gathering activities would be necessary to identify the exact location of these orphan sites and to thoroughly assess the potential for impact to the *Site*.

**Table 1: Summary of EDR Database Search Results**

<b>Records Source</b>	<b>ASTM STANDARD Search Distance (Miles)</b>	<b>Total sites listed</b>
Federal NPL	1.00	0
Federal CERCLIS	0.50	0
Federal CERCLIS NFRAP	0.50	0
Federal RCRA CORRACTS	0.25	0
Federal RCRA TSD	1.00	0
Federal RCRA generators	0.25	0
Federal ERNS	SITE	0
State Hazardous Waste Sites	1.00	0

State Landfill List	0.50	0
Leaking USTs	0.50	0
State UST	0.25	0
SWRCY	0.50	0
Indian USTs	0.25	0
State VCP Sites	0.50	0
CONSENT	1.00	0
ROD	1.00	0
Delisted NPL	1.00	0
FINDS	SITE	0
HMIRS	SITE	0
MLTS	SITE	0
MINES	0.25	0
NPL LIENS	SITE	0
PADS	SITE	0
INDIAN RESERV	1.00	0
DOD	0.50	0
UMTRA	0.50	0
ODI	0.50	0
FUDS	1.00	0
RAATS	SITE	0
TRIS	SITE	0
TSCA	SITE	0
SSTS	SITE	0
FTTS	SITE	0
HIST LUST	0.50	0
Coal Gas	0.50	0
US BROWNFIELDS	0.50	0
VCP	0.50	0
INST CONTROL	0.50	0

## 5.2. Additional Environmental Record Sources

USACE MVN requested all files applicable to the subject *Site* landfill from the Louisiana Department of Environmental Quality (LDEQ). The subject *Site* was chosen for State records research based on evidence of active and historical landfill activities on or in the vicinity of the *Site*. LDEQ provide extensive records of activities associated with the recycling and construction & demolition debris landfills in the vicinity of the site. However, no records were discovered or are known to be available, for the historical municipal landfill LDEQ officials reported to be located in the vicinity of northern leg of the proposed levee alignment, between Hero Canal and Walker Road (See LDEQ Letter received June 27, 2006, in **Appendix - E**).

### 5.3. Physical Setting Source(s)

USACE MVN reviewed available USGS Topographic Maps associated with the *Site* location (See topographic maps located in **Appendices A & B**). Examples of the available topographic maps and summary descriptions of the maps are also provided in the Appendices. Other physical setting sources are include in the EDR Geocheck® Report.

#### 5.3.1 Geography

The *Site* is located in Plaquemine Parish, Louisiana, in southeastern Louisiana, predominantly along the east and west banks of the Mississippi River, south of the City of New Orleans (See Site Location Map in **Appendix - B**.)

#### 5.3.2 Topography and Surface Drainage

Topography of the *Site* and vicinity is relatively flat, but varies in the areas of the landfills, sand pits, and canals/ditches. The natural ground surface elevation in the general *Site* vicinity ranges from 0 to 4 feet above mean sea level (MSL). According to the Physical Setting Source Addendum in the EDR Radius Map with Geocheck® Report, the average elevation at the *Site* is approximately 4 foot above MSL. Based on review of site topography and of the *Site*'s proximity to the wetlands to the south and west, surface drainage at the site is expected to flow predominantly southward and westward. A drainage ditch, extending east to west across the southern portion of this area and the wetlands to the west of the area likely collect the majority of surface water runoff from the vicinity of the subject site.

#### 5.3.3. Regional Geology

Regional geological and hydrogeology information is included in the three previous investigations/assessments for this area. (**See Appendix – D**). The generalized geologic map of Louisiana indicates that the project site area is underlain by Holocene Alluvium (**Appendix – A, Figure 1**). A generalized discussion of the geology of Louisiana is found in <http://www.lgs.lsu.edu/pubs/gengeotext.pdf>. Towards the Mississippi River on the east, subsurface geology at the project site is generally characterized by natural levee deposits while towards west the subsurface geology is generally characterized by back swamp deposits.

#### 5.3.4. Site-Specific Geology

Information on the site specific geology is provided by historical core-boring logs collected during investigations associated with permitting activities for the landfill (see information provided by LDEQ, **Appendix - I**). Soil descriptions in core boring logs show the shallow sub-surface as generally made-up of soft to medium gray clays, mixed with minor sand and silt as well as shell fragments

consistent with components of the Holocene Alluvium generally described in geologic maps published for Louisiana. A boring log completed in 1989 at a location within the landfill area indicated Pleistocene soils consisting of “stiff to very stiff greenish gray or greenish gray and reddish tan clay with many sand pockets” at depths of about 103 feet below the ground surface.

### 5.3.5 Hydrogeology

The EDR Radius Map with the GeoCheck Physical Source Addendum usually provides general information on surface water, groundwater, groundwater flow direction and groundwater flow velocity at target Sites (see **Appendix - A**, EDR Report). Groundwater flow direction can be impacted by surface topography, hydrology, hydrogeology, soil characteristics, and nearby wells. To best determine groundwater flow direction at the target site EDR scanned various information available in its database including surface topographic information, hydrologic information, hydrogeologic data, and regional groundwater flow information (e.g. from deep aquifers). The EDR search yielded a general topographic gradient of northeast (NE) at immediate vicinity of the target site, a canal on the west-northwest portion of the target site, Mississippi River on the east and south as well as wetlands towards the west of the target site. Hydrogeologic well search by EDR yielded no water well information located within 1.25 mile radius; EDR’s AQUIFLOW Information System database yielded no general direction of groundwater flow as well in a search radius of 1 mile.

To supplement EDR, an inventory of wells was conducted by searching the Louisiana Department of Transportation and Development registered water wells database on the internet (<http://www.dotd.state.la.us/intermodal/wells/well...>). The target site coordinates were assumed to be 29°47’11” latitude and 90°1’31” longitude with a radius searches of 1 mile and 1.5 miles. The LDOTD search yielded no wells within the search radius of 1 mile and 32 wells within the search radius of 1.5 miles. Most of these wells are listed as monitoring wells for Chevron Chem and are located more than a mile across Highway 23 and northeast of the project site. One well listed as DOTD Well # 5034Z (owner – Industrial Pipe; located at 29°48’12” latitude and 90°01’06” longitude) is reportedly installed as a monitoring well in April 1992 and plugged in June 1992; water level in this well was measured at 1.2 ft below surface. A permitting application filed by URS for Industrial Pipe Inc. (IPI) identified the monitoring well location within the landfill limits, however, the well was not reflected in the LDOTD water well inventory database.

Although EDR search yielded a general topographic gradient of northeast (NE) at immediate vicinity of the target site, the general surficial and very shallow subsurface groundwater flow direction at and around the target site are further complicated by adjacent structures including: Highway 23 and the Railroad tracks to the east, the Mississippi River levee further to the east, Walker Road to the

north, and Hero Canal to the west. Land fill construction activities and the build-up of the landfill mounds in the Industrial Pipe Inc. - Riverside Recycling area, also impact the groundwater flow direction.

A generalized map and a hydrogeologic column of Louisiana aquifers are provided in **Appendix – B, Figures 2 & 3**. Figure 3 shows that the project site is located in an area with **no fresh water aquifer** defined in the shallow sub-surface. In the New Orleans area and lower Mississippi River Parishes, viable aquifer systems are more likely found in the Pleistocene Series.

#### **5.4. Historical Use Information for the Subject Property**

The objective of obtaining and reviewing historical sources is to develop a history of previous land uses of the subject *Site*. For the purpose of this report, USACE MVN has reviewed the following standard historic sources indicated with an x:

##### **Historical Sources**

- x Aerial Photographs
- x Fire Insurance Maps (No Coverage Letter)  
Property Tax Files  
Recorded Land Title Records
- x USGS Topographic Maps  
Local Street Directories  
Building Department Records  
Zoning/Land Use Records
- x Other Historical Sources
- x Prior Assessment Usage

##### **5.4.1 Historical Aerial Photography**

EDR Inc was contacted for aerial photography coverage of the *Site*. The EDR records search did not locate any aerial photographs for the Site vicinity. The “No Coverage” letter obtained from EDR is provided in **Appendix - A**. USACE MVN independently researched historical aerial photographs to provide aerial coverage of the *Site*. Aerial photographs obtained by USACE MVN are for the years 1978, 1995, and 1998, and 2001. Aerial sources included USACE MVN, the Aerial Photography Index System (APIS) website, and the Teraserver website sponsored by the United States Geological Survey (USGS). Aerial photographs reviewed by USACE MVN are provided in **Appendix - B**.

##### **5.4.2. Fire Insurance Maps**

Private fire insurance companies produce maps indicating uses of properties at specific dates and specific locations. The maps can date as early as the 1880s for more populated areas. Environmental Data Research, Inc. (EDR) owns the Sanborn Fire Insurance Maps and USACE MVN contacted EDR for map coverage of the Property. No Fire Insurance Maps were available for the subject

Property or area. The EDR research could find no coverage for the subject Property or the surrounding area. Refer to the 'no coverage' letter provided in **Appendix - A**, EDR Findings.

#### 5.4.3. USGS Topographic Maps

The U.S. Geological Survey produces topographic maps. EDR Inc was contacted for topographic map coverage of the Property. EDR provided maps for the years 1951, 1966, 1989, 1992, and 1994. USACE MVN provided topographic maps for the year 1992. EDR topographic maps are provided in **Appendix – A**. The MVN topo-map is included in **Appendix - B**.

#### 5.4.4. Local Street Directories

No local street directories were researched for this ESA.

#### 5.4.5. Other Historical Sources

USACE MVN requested all files applicable to the *Site* landfill from the LDEQ. Refer to the discussion presented in Section 5.2. Extensive data was obtained from LDEQ and is maintained at USACE MVN-EDF. Excerpts of this information are included in **Appendix – E**. Summaries of the past assessments are included in **Appendix – D**.

#### 5.4.6. Prior Assessment Usage

Refer to Section 5.2 and **Appendix D**.

## 6.0 Subject Property Reconnaissance

USACE MVN conducted the Phase I-ESA site walk on May 31, 2006. The visit was conducted by Bob Brooks.

### 6.1. Methodology and Limiting Conditions

The Property was accessible with no assistance from the owner. The levee alignment was traversed by foot and/or vehicle where possible. Property south of the Oakville Drainage Canal was not accessible due to heavy vegetation.

Levee alignment was not laid out in the field and had to be estimated. Levee height and width (footprint) were not provided and were also estimated.

### 6.2. General *Site* Setting

Observations noted are listed on the inspection checklist below. Items marked with an 'x' exist or potentially exist on-site.

### Inspection Checklist

- Construction Date
- X Warehouse(s)
  - House/Apartment
- X Office Building(s)
  - Strip Shopping
- X Maintenance Facility
- X Shop/Garage
- X Lay-down Yard
- X Undeveloped Lot
- X Maintained Lot
  - Slab Only
  - Other Improvements
- X Unoccupied
- X Overgrown
- X Stained Area(s)
- X Road(s)- 1 undeveloped, unnamed
- Rail Track(s)
- X Fenced – Along all boundaries
  - Lighted
  - Parking

#### 6.2.1. Structures

No buildings were located on the proposed levee alignment. However structures in the vicinity are noted in paragraph 3.4 above.

#### 6.2.2. Roads

Only unimproved, unnamed roads exist onsite as described in paragraph 3.4 above.

#### 6.2.3. Other Improvements

None noted.

### 6.3. Exterior Observations

The Property was inspected to determine if the following listed items were present. If a check appears to the left, then the item was noted as being present on the Property.

#### Geologic/Hydrologic

- X Pits
- X Pond/Lagoon(s)
- X Canal/Ditches- 1 Hero & Oakville Canals
  - Oil/Water Sep.
  - Waste Water
  - Storm Drains
  - Sumps

- Traps
- Wells
- Municipal Water
- X Wetlands
- Stressed Vegetation
- x Standing Water
- x Other (Landfill)

### **Storage Tanks**

- X USTs – Numerous Tanks Appear to be damaged & discarded in the timber piles and at other locations
  - UST Reg. Cert.
- X ASTs – Numerous Tanks Appear to be damaged & discarded
- X Containment – for sand pits
  - SPCC
- X Containers – Drums, pails, and miscellaneous contains with & without Contents; some stained soil north of Hero Canal; near drums on trailer.
- X 55 gallon
- 33 gallon
- X 5 gallon
- 1 gallon
- Cylinders
- MSDS/HAZCOM
- Other

### **Solid Waste**

- Municipal Sewer
- Septic System
- No Waste System
- Dumpster
- X Roll-off Box– Numerous active & inactive
  - Waste or Food Oil AST
- X Landfill – Active waste white goods (for recycling) and active C&D landfill in south sand pit
  - Unauthorized Dump
- X Mound- earth piled in levee fashion along north side of Oakville Canal south of sand pit
- X Trash – various and prolific discarded/staged timber, metal, tires, and tanks
- X Automotive – numerous vehicles appear to be discarded north of Hero canal in area of creosote timbers
  - Rail Ties
- X Treated Poles – very large piles of discarded/staged timbers north and east of Hero Canal; apparently new treated utility poles east of Hero Canal, south of building
- X Construction Debris – C&D landfill and numerous waste piles of misc. materials
  - Biohazards
- X White Waste – mountain of white goods staged for crushing and barging

X Odors – creosote odor near piles of timber

### **Suspect Hazardous Materials**

- X Pole – creosote treated timbers
  - “No PCB” Label(s)
  - Ground Transform
  - Fluorescent Lights
- X HVAC (Freon) – potential refrigerant in discarded white goods
- X Heavy Metals – unidentified granular material prevalent north of Hero Canal;  
potential sand blasting material
- X Lead-based Paint - potential  
sand blasting material
- X Asbestos (suspected in near by old buildings)
- Other

## **7.0 Interviews**

No interviews were conducted for this ESA. See the interview information included in the attached reports for the previous HTRW investigations associated with this site and adjacent/nearby areas.

## **8.0 Findings**

Facts discovered and determined to be relevant to the environmental condition of the subject site include:

- Historic and active LANDFILL area(s) exist in the vicinity of the site, and a potential exists for landfill materials to lie within the proposed levee alignment.
- Numerous discarded (or staged) CONTAINERS with and without contents exist in the vicinity of the site and potentially within the proposed levee alignment, including large and small storage tanks, automobiles, drums, 5-gallon buckets and other miscellaneous containers
- Large piles of creosote TREATED TIMBERS exist in the vicinity of the site and potentially within the proposed levee alignment.
- An unidentified GRANULAR MATERIAL exists on the ground surface in the vicinity of the treated timber piles; to the north and east of Hero Canal.

This assessment determined that areas in the vicinity of the proposed levee alignment have historically been used as construction and demolition debris (C&D) and (at brief periods) municipal waste landfills. Other areas in the vicinity of the site have been used for the staging and segregation/recycling of pipe, scrap vessels, wood timbers, metals, and white goods. Active waste activities

witnessed in the vicinity include the placing of C&D material in the southern sand pit area, the staging of large amounts of white goods atop the landfill mound (to the east of the proposed levee alignment), and the staging of large amounts of creosote timbers to the north and east of the terminus of Hero Canal. Discarded and/or staged automobiles, tanks, drums, and miscellaneous containers exist in and around the treated timber piles to the north and east of the terminus of Hero Canal.

The Louisiana DEQ maintains an extensive file of information on the landfill sites associated with Industrial Pipe Inc. and Riverside Recycling. A summary of LDEQ information reviewed for this ESA is included in **APPENDIX - E**, MVN Summary of Correspondence & File Data. Diskettes including more complete information from the LDEQ database are included as **APPENDIX - I**.

The LDEQ database contains many records documenting violations of landfill permit requirements by Industrial Pipe Inc., including acceptance of un-permitted waste. Examples of these records/violations are provided in **Appendix - E**.

See **Appendix - G** for photo-documentation of the above concerns.

## 9.0 Opinions, Conclusions, and Recommendations

The Assessment Team performed a Phase I Environmental Site Assessment of the subject site, in Plaquemine Parish Louisiana, in conformance with the scope and limitations of ASTM E 1527. This assessment has revealed evidence of two *recognized environmental conditions (RECs)*:

1. A construction and demolition debris (C&D) landfill site exist is in close proximity to the proposed levee alignment. The landfill accepted municipal waste for a brief period in its history. LDEQ has stated concerns that buffers zones along the borders of the landfill possibly contain waste and that construction of a levee or floodwall in these areas could impact or disturb such waste. Borings should be taken along the proposed levee alignment to verify that the levee and/or floodwall is not constructed on or through landfill materials.
2. Due to the presence of active and historic landfills in the vicinity of the proposed levee alignment, and the fact that the historic landfills predated the current landfill construction criteria, it is probable that the groundwater beneath the alignment contains materials drained or leached from these landfills. Moreover, since the landfill(s) have a lengthy record of violations for accepting non-permitted waste, there exists a potential for leachate

and/or runoff from the landfill areas to contain contaminants from hazardous wastes within the landfill(s).

This assessment has revealed evidence of three de minimis potential *environmental conditions*:

1. Large piles of creosote treated timbers exist in the proximity of the proposed levee alignment, near the terminus of Hero Canal. From their weathered appearance and general degradation it appears that the timbers have substantially aged, and it is most probable that the greater part of this aging occurred prior to them being removed from service and staged on this site. From visual observation and review of aerial photographs it appears that the piles of timber are occasionally relocated about the area. Considering these facts, it is unlikely that creosote constituents have leached from, or run-off of, the timber, and collected in the soil at sufficient levels to constitute a recognized environmental concern. For these reasons the timber piles are identified here-in as a de minimis environmental condition, and no further action regarding the timbers is recommended at this time.
2. Numerous miscellaneous containers, and a few (3 or more) discarded or staged automobiles, exist in close proximity to the site, and some of these items appear to be within the proposed levee alignment near the terminus of the Hero Canal. This area is also believed to be the center of activities associated vessel salvage by Bayou Concessions Scrap, Inc. The automobiles, tanks, drums, and other containers are identified here-in as a de minimis environmental condition, and no further action regarding the items is recommended at this time. However, the items should be removed from the site prior to construction activities, and their locations should be visually inspected for any spillage or leakage of fluids, and further investigated as warranted.

The USACE MVN-ED Environmental Assessment Team recommends the following:

- 1) Further investigation of the proposed alignment in the vicinity of the landfill, is warranted and recommended. We recommend that the investigation proceed in two phases: the initial phase to consist of advancing bore-holes along the levee alignment in the vicinity of the landfill and visually classifying the soils; the second phase to consist of advancing bore-holes and sampling for hazardous materials in areas suspected of containing landfill/waste materials, as identified by the first phase of the investigation. The second phase of the investigation, if warranted, should be conducted as a Phase II Environmental

Assessment, in accordance with ASTM E 1903-97(2002), and should include the collection of soil and groundwater samples.

- 2) Offices of the LDEQ should be consulted regarding the need for a Ground Water Certification. The LDEQ established a policy in 1989 to require the assessment of construction activities in areas of know or suspect groundwater contamination (See **Appendix – E**, Louisiana Department of Environmental Quality, Memorandum – Construction Variances With The Potential For Groundwater Contamination). A Certification may be necessary for construction of a levee or floodwall for any alignment near or adjacent to the Industrial Pipe Inc. Landfill. On the other hand, the LDEQ may concur that certification is not required based on the following facts:
  - Though the landfill has been sited for violations, all violations have been cleared.
  - Ground water monitoring of the landfill by LDEQ (for approximately 18 months in the early 1980s) turned up no concerns, and was discontinued.
  - Previous HTRW assessments in this area determined that:
    - The proposed alignment would not present any extraordinary threat to the environment due to HTRW materials; GEC 1999
    - There are low HTRW risks associated with the alignment alternatives; MVN 1996, HTRW #103
    - HTRW risk during construction is minimal. No additional HTRW work is recommended; MVN 1994, HTRW #28
    - This project does not appear to meet the criteria of the LDEQ GW Policy Memorandum of 1989, in that there is no know contamination (though a possibility may exist on any alignment) and our construction activities, for earthen levees, should not include foundation/slabs, excavation work (significant), or installation of pilings, footings, shafts, or other support structures. However, construction of a floodwall in the vicinity of the landfill would most likely require a GW certification.

## 10.0 References (not notated in the text)

- 1) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E-1527-00. American Society for Testing and Materials. 1916 Race Street, Philadelphia, PA, 19103.
- 2) **Initial Hazardous, Toxic and Radioactive Waste Site Assessment, (HTRW #28)**, West Bank of The Mississippi River, In The Vicinity of The

Harvey Canal, Algiers Canal, Harvey Canal, and Hero Canal, Jefferson, Orleans, and Plaquemines Parishes, HTRW #28; completed by the U. S. Army Corps of Engineers, New Orleans District Planning Division, August 1994

- 3) **Initial Hazardous, Toxic and Radioactive Waste (HTRW) Assessment (HTRW #106)**, East of Harvey Hurricane Protection Levee, Industrial Pipe Land Fill In The Oakville Area, Plaquemines Parish, Louisiana HTRW #103; completed by the U. S. Army Corps of Engineers, New Orleans District Planning Division, July 1996
- 4) **Environmental Data For Oakville Levee Realignment Evaluation**, submitted to the U. S. Army Corps of Engineers, New Orleans District, by Gulf Engineers & Consultants, July 1999
- 5) Website References:

<http://www.deq.louisiana.gov/>  
<http://www.lgs.lsu.edu>  
<http://www.teraserver.microsoft.com>  
<http://www.lamap.doa.state.la.us/default.htm>  
[http://sonris-www.dnr.state.la.us/www\\_root/sonris\\_portal\\_1.htm](http://sonris-www.dnr.state.la.us/www_root/sonris_portal_1.htm)  
[http://edcsns17.cr.usgs.gov/finder/finder\\_main.pl?dataset\\_name=NAPP](http://edcsns17.cr.usgs.gov/finder/finder_main.pl?dataset_name=NAPP)  
[http://www.rac.louisiana.edu/Aerial\\_Photography/main\\_index.html](http://www.rac.louisiana.edu/Aerial_Photography/main_index.html)  
<http://map.ldeq.org/index2.htm>  
<http://maps.epa.gov/enviomapper/>  
<http://www.bayoucon.com>  
<http://louisiana.sierraclub.org/neworleans/recycling.htm>

### **11.0 Signature(s) of Environmental Professional(s)**

This Phase I Environmental Site Assessment has been conducted, prepared and reviewed by USACE MVN environmental professionals whose signature is applied to the approval page in the front of this report.

### **12.0 Qualifications of Environmental Professionals**

Please refer to **Appendix - H** for the qualifications of the environmental professionals that performed this Phase I - Environmental Site Assessment.

**APPENDIX - A  
EDR FINDINGS**

DRAFT



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Riverside Recycling  
11266 Hwy 23  
Belle Chasse, LA 70037**

**Inquiry Number: 01688487.2r**

**June 02, 2006**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

11266 HWY 23  
BELLE CHASSE, LA 70037

#### COORDINATES

Latitude (North): 29.786600 - 29° 47' 11.8"  
Longitude (West): 90.025500 - 90° 1' 31.8"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 787567.1  
UTM Y (Meters): 3298670.2  
Elevation: 4 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 29090-G1 BERTRANDVILLE, LA  
Most Recent Revision: 1995

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
11266 HWY 23 11266 HWY 23 BELLE CHASSE, LA	ERNS	N/A
INDUSTRIAL PIPE INC - TRANSFER ST 11266 HWY 23 BELLE CHASSE, LA 70037	SWF/LF	N/A
11266 HIGHWAY 23 HERO CANAL 11266 HIGHWAY 23 HERO CANAL BELLE CHASSE, LA 70037	ERNS	N/A
BAYOU CONCESSION SCRAP, INC. 11266 HWY 23 BELLE CHASSE, LA 70037	FINDS	110009928276

# EXECUTIVE SUMMARY

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### FEDERAL RECORDS

<b>NPL</b>	National Priority List
<b>Proposed NPL</b>	Proposed National Priority List Sites
<b>Delisted NPL</b>	National Priority List Deletions
<b>NPL RECOVERY</b>	Federal Superfund Liens
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b>	CERCLIS No Further Remedial Action Planned
<b>CORRECTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b>	Resource Conservation and Recovery Act Information
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Potential and Confirmed Sites List
<b>SWRCY</b>	Recycling Directory
<b>LUST</b>	Leaking Underground Storage Tanks
<b>HIST LUST</b>	Underground Storage Tank Case History Incidents
<b>UST</b>	Louisiana Underground Storage Tank Database
<b>LIENS</b>	Environmental Liens
<b>SPILLS</b>	Emergency Response Section Incidents
<b>INST CONTROL</b>	Listing of Institutional Controls
<b>VCP</b>	Voluntary Remediation Program Sites
<b>DRYCLEANERS</b>	Drycleaner Facility Listing

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
----------------------	---------------------

# EXECUTIVE SUMMARY

**INDIAN UST**..... USTs on Indian Land

## EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

**EDR Historical Auto Stations**EDR Proprietary Historic Gas Stations

**EDR Historical Cleaners**..... EDR Proprietary Historic Dry Cleaners

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STATE AND LOCAL RECORDS

**DEBRIS:** A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

A review of the DEBRIS list, as provided by EDR, and dated 03/23/2006 has revealed that there is 1 DEBRIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL PIPE		1/8 - 1/4S	5	7

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
M&J CONSTRUCTION CO	SHWS
M & J CONSTRUCTION CO	CERC-NFRAP
RESTRUCTURE PARTNERS (100881)	HIST LUST
MOONS CLNR	DRYCLEANERS
DISTINCTIVE CLNR INC	DRYCLEANERS
BELLE CHASSE SELF SERVE	UST
STATE OIL FUEL CENTER INC	UST
MOM'S & DAD'S FOOD STORE	UST
BAKER CAC INC	RCRA-SQG, FINDS, UST
ANGEL DRY CLEANERS INC	RCRA-SQG
MAINTENANCE CONTROL SVCS INC	RCRA-SQG, FINDS
SOUTHERN PETR LABS INC	RCRA-SQG, FINDS
PRINT ALL INC	RCRA-SQG, FINDS
B & B OILFIELD SVCS	RCRA-SQG, FINDS
SOUTHERN FLOW CO	RCRA-SQG, FINDS
TOOLS INTERNATIONAL CORP	RCRA-SQG, FINDS
ROUBIONS TIRE SVC	RCRA-SQG, FINDS
PAULS OUTBOARD RPR	RCRA-SQG, FINDS
CARDINAL SVCS INC	RCRA-SQG, FINDS
TIRE SHACK INC	RCRA-SQG, FINDS
DISTINCTIVE CLEANERS INC	RCRA-SQG, FINDS
SUBSEA 7 US, LLC	RCRA-SQG, FINDS
BELLE CHASSE AUTOMOTIVE CARE INC	RCRA-SQG, FINDS
DEAN EQUIPMENT INC	RCRA-SQG, FINDS
LEON DUPLESSIS & SONS INC	RCRA-SQG, FINDS
CUSTOM BUS CHARTER	RCRA-SQG, FINDS
GLORIA COMPRESSOR STATION	RCRA-SQG, FINDS
JPS AUTO REFINISHING	RCRA-SQG, FINDS
MOTIVA ENTERPRISES LLC, SAP 137430	RCRA-SQG
PRINT ALL	RCRA-SQG, FINDS
DELTA AUTOMOTIVE	RCRA-SQG, FINDS
SCHLUMBERGER WELL SVCS BCPS 2117	RCRA-SQG, FINDS
MARINE PROPULSION RPR	RCRA-SQG, FINDS
OCEANEERING INTL INC	RCRA-SQG, FINDS
MARINE PROPULSION REPAIR	RCRA-SQG, FINDS
EAGLE AUTO BODY	RCRA-SQG, FINDS
HAROLD D MAGEE INC	RCRA-SQG, FINDS
SHELL SVC STATION	RCRA-SQG, FINDS
BELLE CHASSE GULF	RCRA-SQG, FINDS
BELLE CHASSE MARINE INC	RCRA-SQG, FINDS

# OVERVIEW MAP - 01688487.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▣ National Priority List Sites
- ▣ Landfill Sites
- ▣ Dept. Defense Sites
- ▣ Indian Reservations BIA
- ▣ Oil & Gas pipelines
- ▣ 100-year flood zone
- ▣ 500-year flood zone
- ▣ National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Riverside Recycling  
 ADDRESS: 11266 Hwy 23  
 Belle Chasse LA 70037  
 LAT/LONG: 29.7866 / 90.0255

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Bob Brooks  
 INQUIRY #: 01688487.2r  
 DATE: June 02, 2006

DETAIL MAP - 01688487.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Riverside Recycling  
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 Belle Chasse LA 70037  
 LAT/LONG: 29.7866 / 90.0255

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Bob Brooks  
 INQUIRY #: 01688487.2r  
 DATE: June 02, 2006

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill	X	0.500	0	0	0	NR	NR	0
DEBRIS		0.500	0	1	0	NR	NR	1
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
HIST LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**      **11266 HWY 23**  
**Target**    **11266 HWY 23**  
**Property**   **BELLE CHASSE, LA**

**ERNS**    **2004720576**  
 N/A

**Actual:**      **Site 1 of 4 in cluster A**  
**4 ft.**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**A2**      **INDUSTRIAL PIPE INC - TRANSFER STATION**  
**Target**    **11266 HWY 23**  
**Property**   **BELLE CHASSE, LA 70037**

**SWF/LF**    **S106508610**  
 N/A

**Actual:**      **Site 2 of 4 in cluster A**  
**4 ft.**

- LF:
- Facility Id:      14689
  - Parish:          Plaquemines
  - Telephone:      (504) 656-2232
  - Issue Date :    27-Jan-95
  - Title Desc :     Permit
  - Permit Type Desc Type III Permit
  - Program :       Solid Waste
  - Activity NUmber : PER19990003
  
  - Facility Id:      14689
  - Parish:          Plaquemines
  - Telephone:      (504) 656-2232
  - Issue Date :    7-Jan-04
  - Title Desc :     Type III Permit
  - Permit Type Desc Separation Facility Permit
  - Program :       Solid Waste
  - Activity NUmber : PER20010002
  
  - Facility Id:      14689
  - Parish:          Plaquemines
  - Telephone:      (504) 656-2232
  - Issue Date :    7-Jan-04
  - Title Desc :     Type III Permit
  - Permit Type Desc CD Landfill Permit
  - Program :       Solid Waste
  - Activity NUmber : PER19940001
  
  - Facility Id:      14689
  - Parish:          Plaquemines
  - Telephone:      (504) 656-2232
  - Issue Date :    29-Aug-91
  - Title Desc :     Permit
  - Permit Type Desc Type IIA Permit
  - Program :       Solid Waste
  - Activity NUmber : PER19990004
  
  - Facility Id:      14689
  - Parish:          Plaquemines
  - Telephone:      (504) 656-2232
  - Issue Date :    9-Nov-88
  - Title Desc :     Proposed Incinerator Permit
  - Permit Type Desc Not reported
  - Program :       Solid Waste
  - Activity NUmber : PER19990005

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

<b>A3</b>	11266 HIGHWAY 23 HERO CANAL	<b>ERNS</b>	97411255
<b>Target Property</b>	11266 HIGHWAY 23 HERO CANAL BELLE CHASSE, LA 70037		N/A

**Actual:** Site 3 of 4 in cluster A  
4 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

<b>A4</b>	BAYOU CONCESSION SCRAP, INC.	<b>FINDS</b>	1005579444
<b>Target Property</b>	11266 HWY 23 BELLE CHASSE, LA 70037		110009928276

**Actual:** Site 4 of 4 in cluster A  
4 ft. FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

<b>5</b>	<b>INDUSTRIAL PIPE</b>	<b>DEBRIS</b>	<b>S107152193</b>
<b>South</b>			<b>N/A</b>
<b>1/8-1/4</b>	<b>PLAQUEMINES, LA</b>		
<b>828 ft.</b>			

<b>Relative:</b>	LA DEBRIS:	
<b>Higher</b>	Latitude :	29.78433000000
	Longitude :	-90.02531000000
<b>Actual:</b>	Ownership :	Not reported
<b>5 ft.</b>	Land Use :	landfill
	Sitesize :	Not reported
	RFO Acceptable :	Not reported
	Use Initial :	Not reported
	Permit :	solid waste
	Disposition :	c&d and staging area for white goods
	Burn Permit :	Not reported
	Type :	Not reported
	Ash Disposal :	Not reported
	Remarks :	Not reported
	Burn :	No
	Chip :	No
	Staging :	Yes
	Woodwaste :	No
	Construction Demolition :	Not reported
	White Goods :	Yes
	Vehicles :	No
	Boats :	No
	No Category :	No
	Closed :	No
	Site Design :	Authorized
	Operation :	Staging
	Purpose :	Staging
	Corp Ln Form :	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BELLE CHASSE	U003921976	BELLE CHASSE SELF SERVE	9654 HWY 23	70037	UST
BELLE CHASSE	U003182577	STATE OIL FUEL CENTER INC	1724 HWY 23	70037	UST
BELLE CHASSE	S107446369	MOONS CLNR	8651 HWY 23	70037	DRYCLEANERS
BELLE CHASSE	S106895584	DISTINCTIVE CLNR INC	7892 HWY 23	70037	DRYCLEANERS
BELLE CHASSE	1009217228	ANGEL DRY CLEANERS INC	7670 HWY 23	70037	RCRA-SQG
BELLE CHASSE	1005416415	MAINTENANCE CONTROL SVCS INC	9177 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004714673	SOUTHERN PETR LABS INC	9221 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004712984	PRINT ALL INC	7962 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004712472	B & B OILFIELD SVCS	9087 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004712146	SOUTHERN FLOW CO	8656 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004711563	TOOLS INTERNATIONAL CORP	9298 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004711537	ROUBIONS TIRE SVC	7566 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004709972	PAULS OUTBOARD RPR	10151 HWY 23 S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004709661	CARDINAL SVCS INC	9505 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004708971	TIRE SHACK INC	9194 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004708566	DISTINCTIVE CLEANERS INC	7892 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004708016	SUBSEA 7 US, LLC	10656 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004707929	BELLE CHASSE AUTOMOTIVE CARE INC	9099 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004707554	DEAN EQUIPMENT INC	11322 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004707438	LEON DUPLESSIS & SONS INC	11148 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004707300	CUSTOM BUS CHARTER	9193 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004706979	GLORIA COMPRESSOR STATION	13679 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004706935	JPS AUTO REFINISHING	7248 HWY 23	70037	RCRA-SQG, FINDS
BELLE CHASSE	S105201109	M&J CONSTRUCTION CO	1200 BELLE CHASSE HWY	70037	SHWS
BELLE CHASSE	U002304517	MOM'S & DAD'S FOOD STORE	9620 BELLE CHASSE HWY	70037	UST
BELLE CHASSE	S106034324	RESTRUCTURE PARTNERS (100881)	405 BELLE CHASSE HWY NORTH	70037	HIST LUST
BELLE CHASSE	1007989804	MOTIVA ENTERPRISES LLC, SAP 137430	7876 BELLE CHASSE HWY	70037	RCRA-SQG
BELLE CHASSE	1004712252	PRINT ALL	7962 BELLE CHASSE HWY N	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004711425	DELTA AUTOMOTIVE	1611 N BELLE CHASSE HWY N	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004710926	SCHLUMBERGER WELL SVCS BCPS 2117	2512 BELLE CHASSE HWY S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004710752	MARINE PROPULSION RPR	1506 S BELLE CHASSE HWY	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004710680	OCEANEERING INTL INC	1008 BELLE CHASSE HWY	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004708707	MARINE PROPULSION REPAIR	1702 BELLE CHASSE HWY S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1004707019	EAGLE AUTO BODY	8632 BELLE CHASSE HWY	70037	RCRA-SQG, FINDS
BELLE CHASSE	1003873439	M & J CONSTRUCTION CO	1202 BELLE CHASSE HWY	70037	CERC-NFRAP
BELLE CHASSE	1000333572	HAROLD D MAGEE INC	1605 BELLE CHASSE HWY S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1000288291	SHELL SVC STATION	1001 BELLE CHASSE HWY	70037	RCRA-SQG, FINDS
BELLE CHASSE	1000279102	BELLE CHASSE GULF	2605 BELLE CHASSE HWY S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1000279101	BELLE CHASSE MARINE INC	4741 BELLE CHASSE HWY S	70037	RCRA-SQG, FINDS
BELLE CHASSE	1000210193	BAKER CAC INC	2102 BELLE CHASSE HWY SOUTH	70037	RCRA-SQG, FINDS, UST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

### **Proposed NPL: Proposed National Priority List Sites**

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL RECOVERY: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

## **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/06/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/27/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Quarterly

## **ERNS:** Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/14/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

## **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/13/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Semi-Annually

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

### **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/05/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Annually

### **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Varies

### **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 03/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Annually

**TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/12/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Every 4 Years

**FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

**SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/06/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

**ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/02/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/29/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Semi-Annually

## **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/06/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/17/2006  
Next Scheduled EDR Contact: 06/12/2006  
Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

### **SHWS:** Potential and Confirmed Sites List

Confirmed status denotes that assessments have been performed and a determination made that (1) hazardous waste(s) or substance(s) are present at the site and (2) these sites are under the jurisdiction of the LDEQ/RSD. Potential status is an indicator that sites are either waiting to be assessed or the assessment is in progress.

Date of Government Version: 02/14/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Quarterly

### **SWF/LF:** Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/09/2006  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 02/28/2006  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 04/10/2006  
Next Scheduled EDR Contact: 07/10/2006  
Data Release Frequency: Annually

### **DEBRIS:** LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 03/23/2006  
Date Data Arrived at EDR: 03/29/2006  
Date Made Active in Reports: 05/04/2006  
Number of Days to Update: 36

Source: Department of Environmental Quality  
Telephone: 225-219-3953  
Last EDR Contact: 03/29/2006  
Next Scheduled EDR Contact: 06/26/2006  
Data Release Frequency: Varies

### **SWRCY:** Recycling Directory

A listing of recycling facilities.

Date of Government Version: 04/11/2006  
Date Data Arrived at EDR: 04/11/2006  
Date Made Active in Reports: 05/04/2006  
Number of Days to Update: 23

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 04/11/2006  
Next Scheduled EDR Contact: 07/10/2006  
Data Release Frequency: Semi-Annually

### **LUST:** Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/14/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

### **HIST LUST:** Underground Storage Tank Case History Incidents

This listing includes detailed information for Leaking Underground Storage Tanks reported through November 1999. It is no longer updated. Current LUST incidents, without detail, can be found in the Leaking Underground Storage Tank Database

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/1999  
Date Data Arrived at EDR: 02/16/2000  
Date Made Active in Reports: 05/01/2000  
Number of Days to Update: 75

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 12/04/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **UST:** Louisiana Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/04/2006  
Date Data Arrived at EDR: 04/26/2006  
Date Made Active in Reports: 05/22/2006  
Number of Days to Update: 26

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 04/03/2006  
Next Scheduled EDR Contact: 07/03/2006  
Data Release Frequency: Quarterly

## **LIENS:** Environmental Liens

Date of Government Version: 02/01/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

## **SPILLS:** Emergency Response Section Incidents

Spills and/or releases, to land, reported to the Emergency Response Section.

Date of Government Version: 03/17/2006  
Date Data Arrived at EDR: 04/10/2006  
Date Made Active in Reports: 05/04/2006  
Number of Days to Update: 24

Source: Department of Environmental Quality  
Telephone: 225-219-3620  
Last EDR Contact: 03/13/2006  
Next Scheduled EDR Contact: 06/12/2006  
Data Release Frequency: Varies

## **INST CONTROL:** Listing of Institutional Controls

Sites that have institutional controls in place.

Date of Government Version: 02/14/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Quarterly

## **VCP:** Voluntary Remediation Program Sites

Sites that have entered the Department of Environmental Quality's Voluntary Remediation Program

Date of Government Version: 02/13/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

## **DRYCLEANERS:** Drycleaner Facility Listing

A listing of drycleaner facilities.

Date of Government Version: 02/01/2006  
Date Data Arrived at EDR: 03/08/2006  
Date Made Active in Reports: 04/11/2006  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIBAL RECORDS

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 202-208-3710
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

### **INDIAN UST:** USTs on Indian Land

Date of Government Version: 12/14/2005	Source: Environmental Protection Agency, Region 6
Date Data Arrived at EDR: 12/14/2005	Telephone: 214-665-7591
Date Made Active in Reports: 01/11/2006	Last EDR Contact: 05/23/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### **CT MANIFEST:** Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 03/13/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Annually

### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2005	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/01/2006	Telephone: 518-402-8651
Date Made Active in Reports: 04/20/2006	Last EDR Contact: 05/31/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Annually

### **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 03/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/10/2006
	Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### **Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### **AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### **Nursing Homes**

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

RIVERSIDE RECYCLING  
11266 HWY 23  
BELLE CHASSE, LA 70037

### TARGET PROPERTY COORDINATES

Latitude (North):	29.78660 - 29° 47' 11.8"
Longitude (West):	90.0255 - 90° 1' 31.8"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	787567.1
UTM Y (Meters):	3298670.2
Elevation:	4 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	29090-G1 BERTRANDVILLE, LA
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u> PLAQUEMINES, LA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	2201390045B
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> BERTRANDVILLE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Holocene  
Code: Qh (decoded above as Era, System & Series)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: SHARKEY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 5.10
2	9 inches	42 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 5.60
3	42 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
silty clay loam  
silty clay

Surficial Soil Types: silt loam  
silty clay loam  
silty clay

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified  
silty clay loam  
silt loam  
silty clay  
fine sandy loam

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 01688487.2r



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



No contour lines were detected within this map area.

SITE NAME: Riverside Recycling  
 ADDRESS: 11266 Hwy 23  
 Belle Chasse LA 70037  
 LAT/LONG: 29.7866 / 90.0255

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Bob Brooks  
 INQUIRY #: 01688487.2r  
 DATE: June 02, 2006

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: LA Radon

### Radon Test Results

Parish	Avg pCi/L	Total Sites
PLAQUEMINES	0.33333	3

Federal EPA Radon Zone for PLAQUEMINES County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 70037

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.333 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Louisiana Public Water Supply Wells**

Source: Office of Public Health

Telephone: 504-568-5101

#### **Water Well Registration Data File**

Source: Department of Transportation and Development

Telephone: 225-274-4172

## OTHER STATE DATABASE INFORMATION

### RADON

#### **State Database: LA Radon**

Source: Department of Environmental Quality

Telephone: 225-925-1752

Radon Levels

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### **Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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## EDR RADIUS MAP - SUMMARY OF FINDINGS

### Subject Site is listed as / on:

11266 Hwy 23 11266 Hwy 23, Belle Chasse	ERNS
Industrial Pip Inc. – Transfer ST 11266 Hwy 23, Belle Chasse	SWF/LF
11266 Hwy 23 Hero Canal 11266 Hwy 23 Hero Canal, Belle Chasse	ERNS
Bayou Concession Scrap, Inc. 11266 Hwy 23, Belle Chasse	FINDS (IPA ID: 110009928276)

### LDEQ DEBRIS site (for hurricane debris) located within 0.5 miles of Site:

Industrial Pipe, 1/8 mile, Permitted as a solid waste landfill for C&D and staging area for white goods; EDR ID: S107152193

### Sites identified in the radius search but with inadequate addresses for mapping include:

32 RCRA-SQG Sites; 3 UST Sites; 2 Dry Cleaner Sites; 1 HIST LUST Site; 1 CERC-NRFAP Site and 1 SHWS Site

Within 100 year flood zone (FEMA Panel 2201390045B) and part of the property within the National Wetlands Inventory

Map Finding Summary: Target Property ERNS, FINDS, State Landfill

Target Property is 1 of 4 in an ERNS cluster at subject location.

Industrial Pipe Inc.

Bayou Concession Scrap, Inc.

### Industrial Pipe Inc – Transfer Station- Solid Waste Landfill ID# 14689

25 January 1995	Issued Type III Permit
7 January 2004	Separation Facility Permit
7 January 2004	CD Landfill Permit
29 August 1991	Type IIA Permit
9 November 1988	Proposed Incinerator Permit (Permit Type Not Reported)
-- -- ----	DEBRIS Permitted as a C&D landfill and staging area for white goods

Subject Site listed as being at 4-ft elevation (Above Sea Level) at 29 47' 11.8" North; 90 1' 31.8" West; General Topographic Gradient to the NE; relative determination from USGS 7.5' Digital Elevation Model; Groundwater flow was not reported

Soil Conservation Service STATGO data:  
Soil Component – SHARKEY  
Surface Texture – clay  
Hydrologic Group – Class D – Very slow infiltration rates  
Drainage Class – Poorly  
Hydric Status – meets the requirements

### **OTHER EDR FINDINGS**

EDR found no USGS or Federal FRDS well or water supply information.

EDR Sanborn Map – no coverage for Riverside Recycling 11256 Hwy 23, Belle Chasse

EDR Aerial Photography – not reasonably ascertainable

### **EDR TOPOGRAPHIC MAPS & INTERPRETATION**

- 1951 Canal extends to Hwy 23, w/ structures at Hwy only; no access road at site; no sand pit
- 1966 Canal now does not extend to Hwy 23, new structures at canal end; two access roads on site, at canal end and at new sand pit symbol; no structures on north bank of canal
- 1972 One-half dozen new structures in the general area of the site; three new structures north of the canal near Site.
- 1979 Sandpit delineated and additional pit shown to the north
- 1989 North Sand pit enlarged; new access road between sand pits and Oakville residential area extending to wetland on the west; two new structures on this access road and new structure on existing access road which terminates at sand pits
- 1992 New levee along access road between sand pits and Oakville residential area
- 1995 No change noted

DRAFT



**EDR Historical  
Topographic Map  
Report**

Riverside Recycling  
11266 Hwy 23  
Belle Chasse, LA 70037

Inquiry Number: 1688487.4

June 02, 2006

**The Standard in  
Environmental Risk  
Management Information**

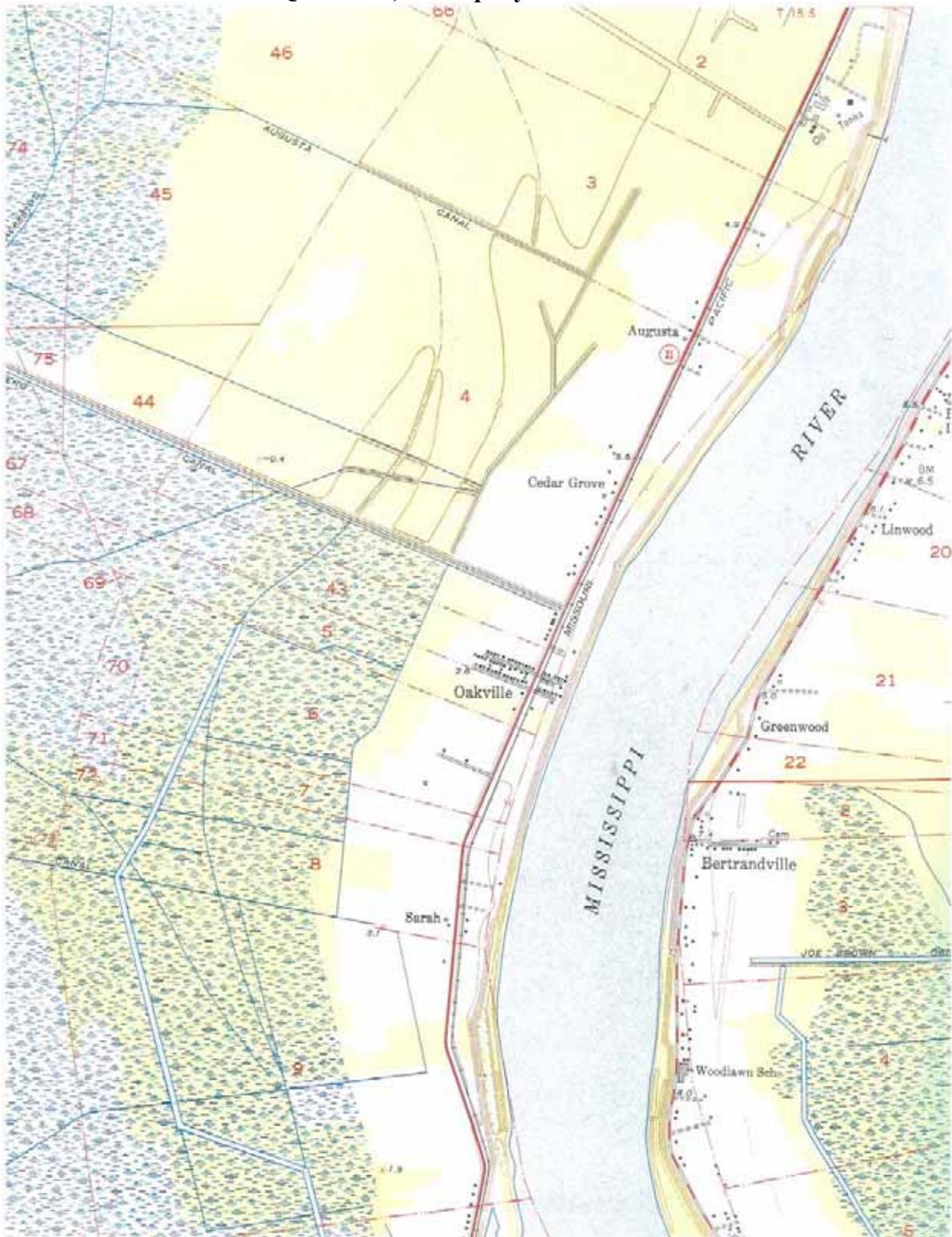
440 Wheelers Farms Road  
Milford, Connecticut 06461

**Nationwide Customer Service**

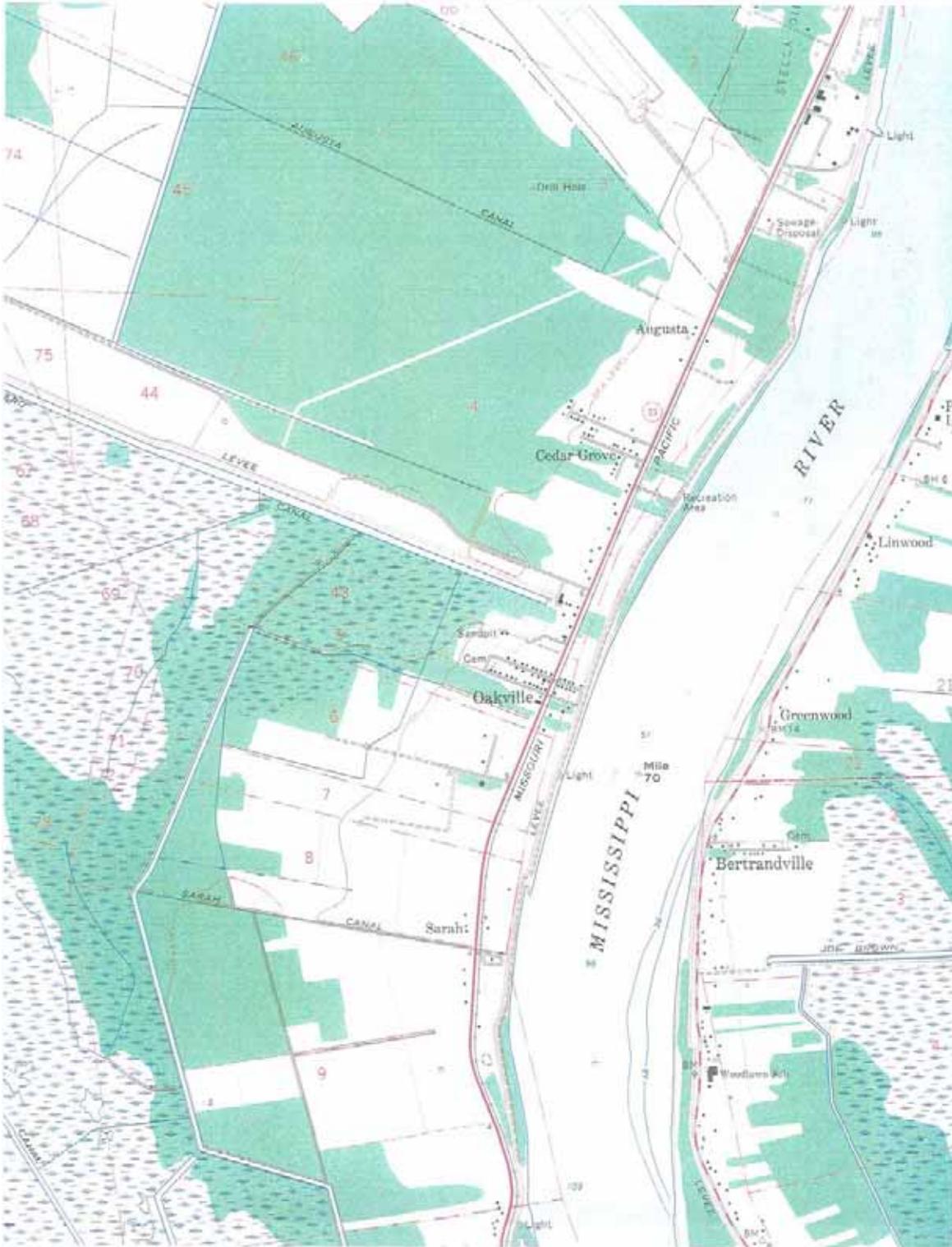
Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

00L

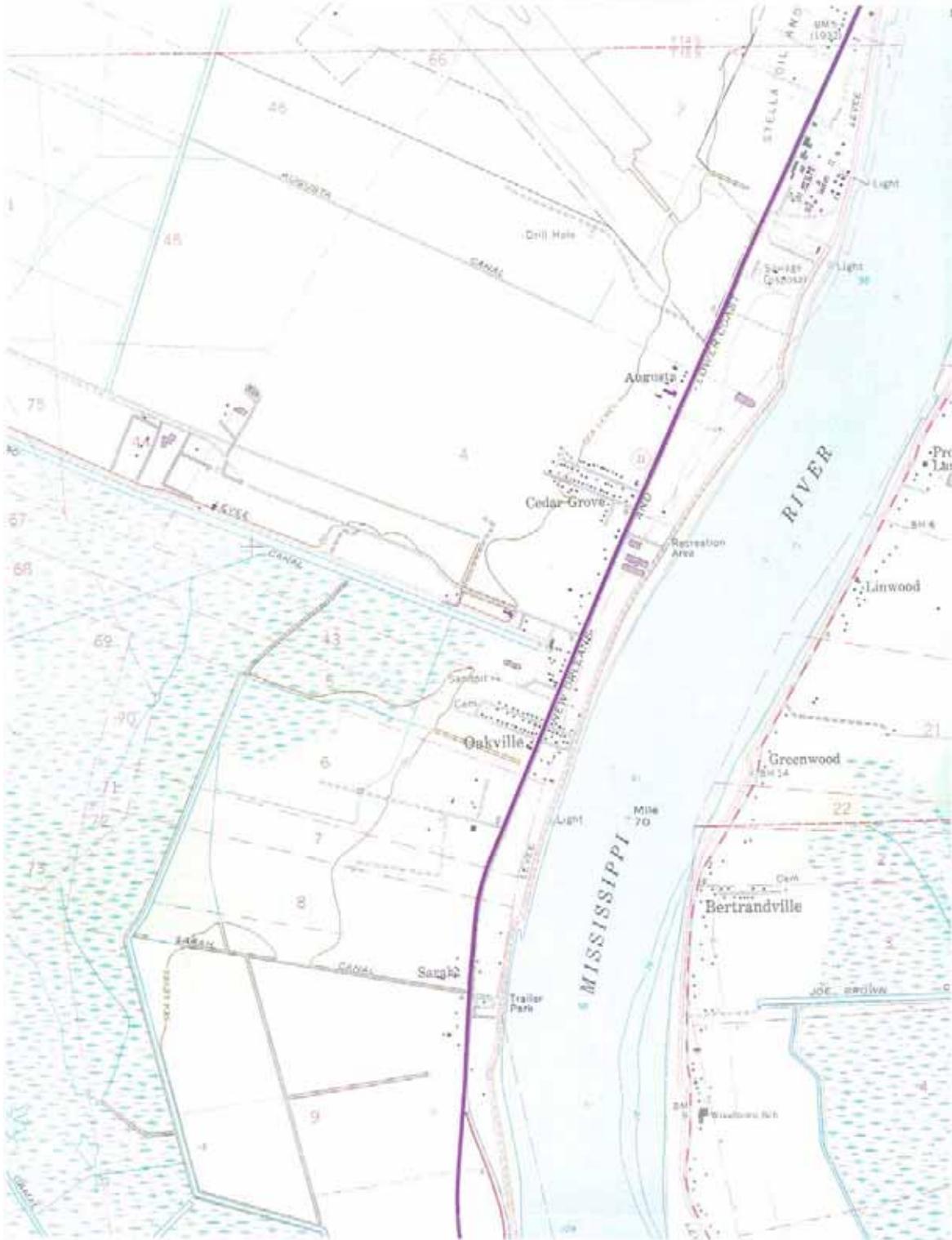
**EDR Topo 1951 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



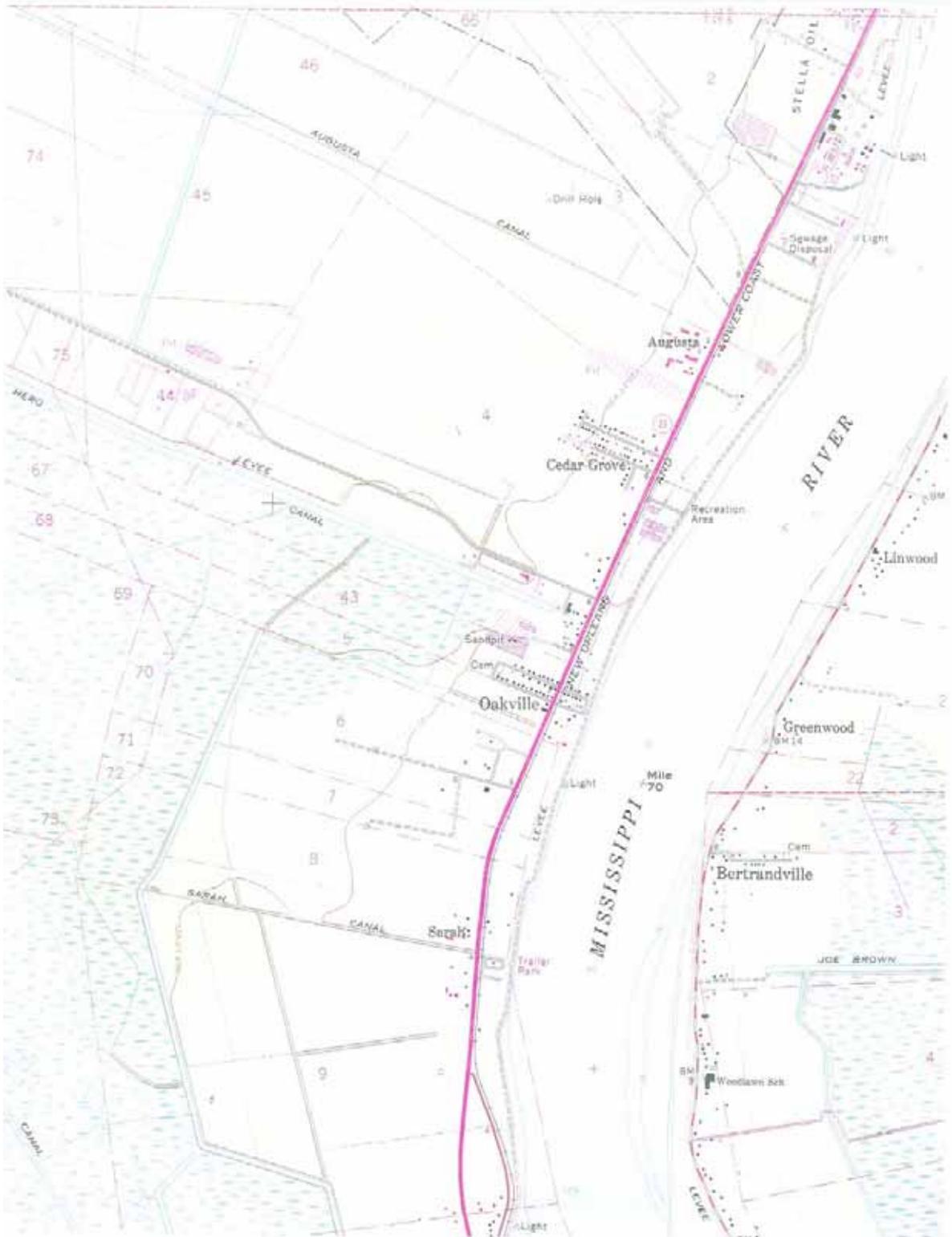
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Quad 1:24,000 Inquiry 1688487.4**



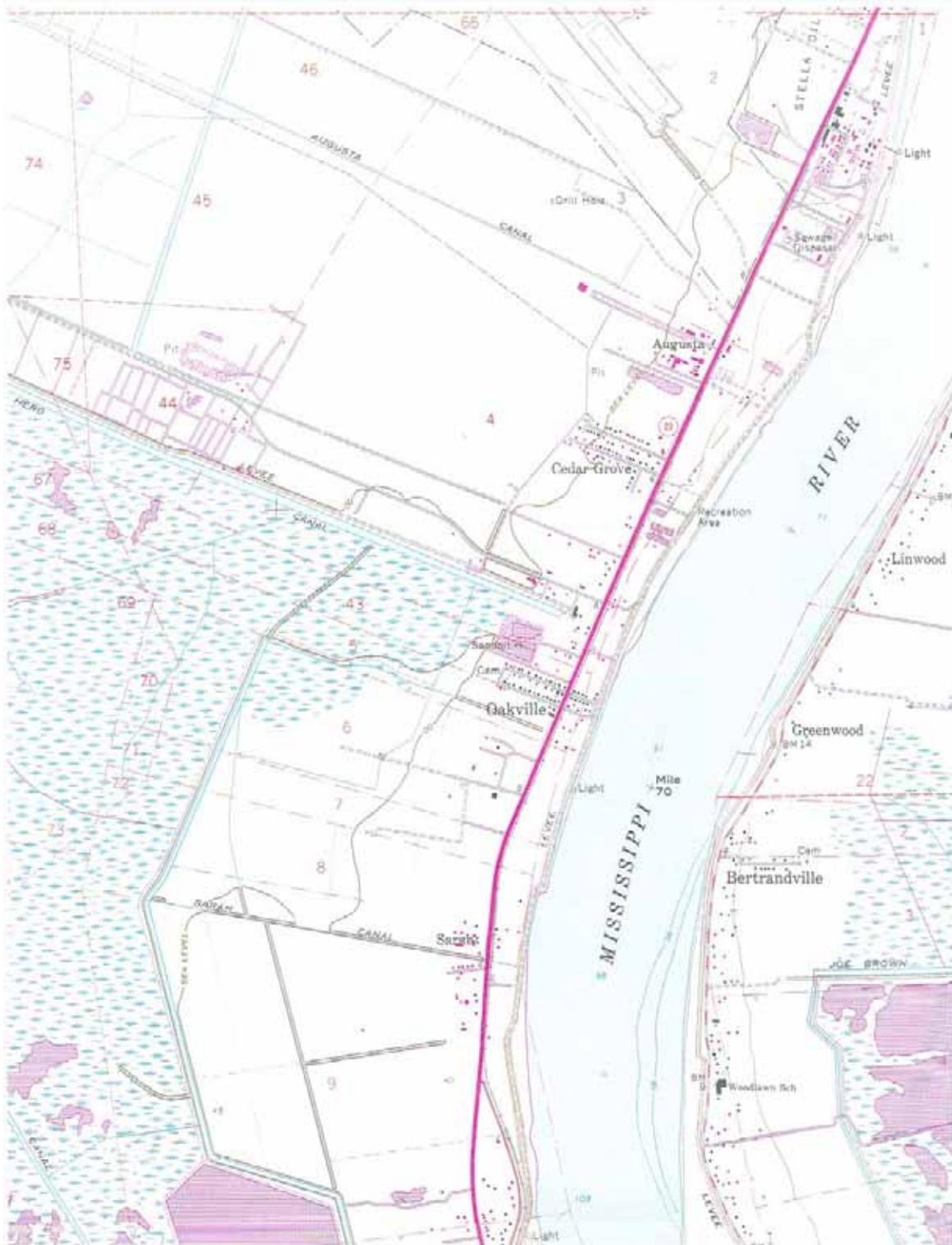
**EDR Topo 1972 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



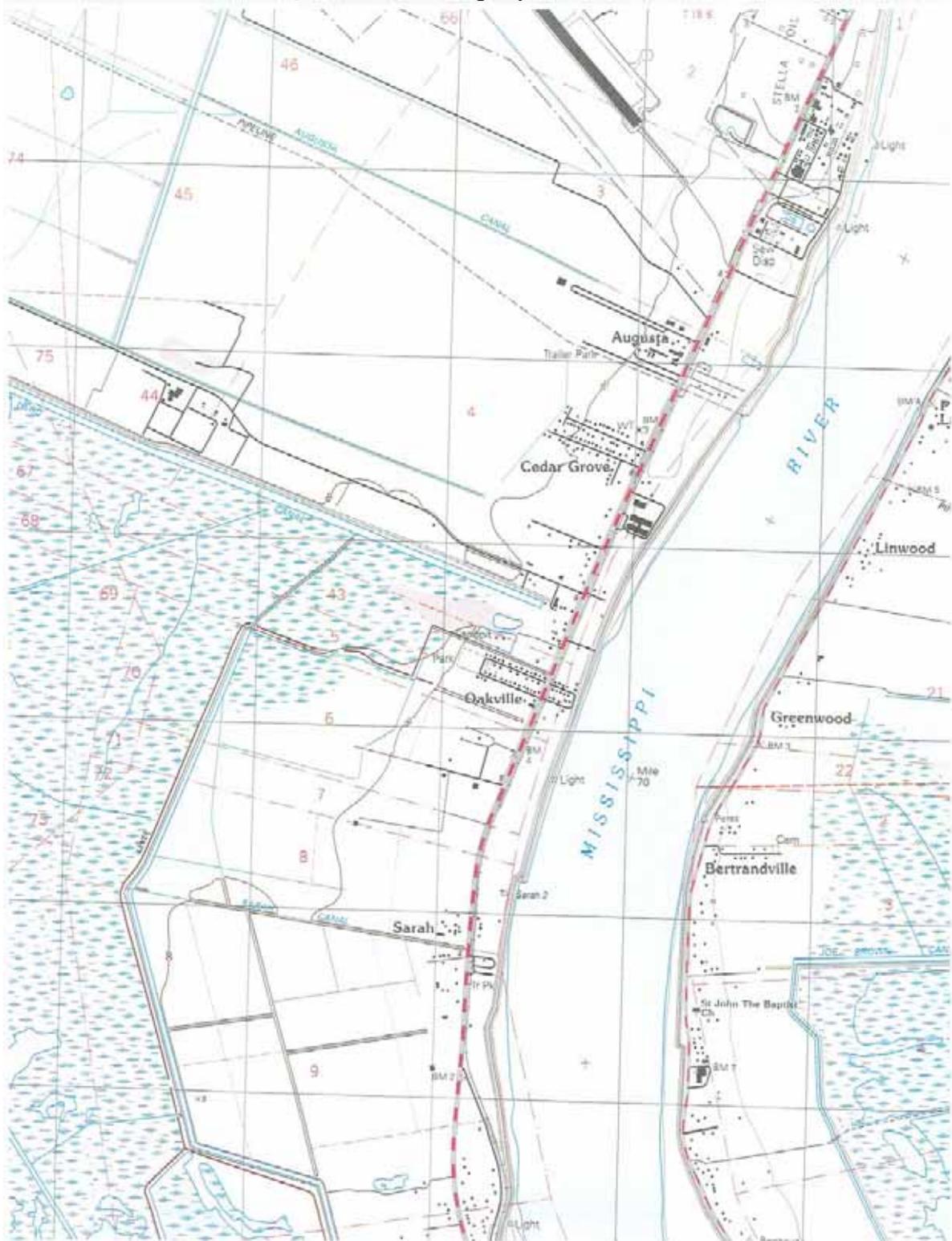
**EDR Topo 1979 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



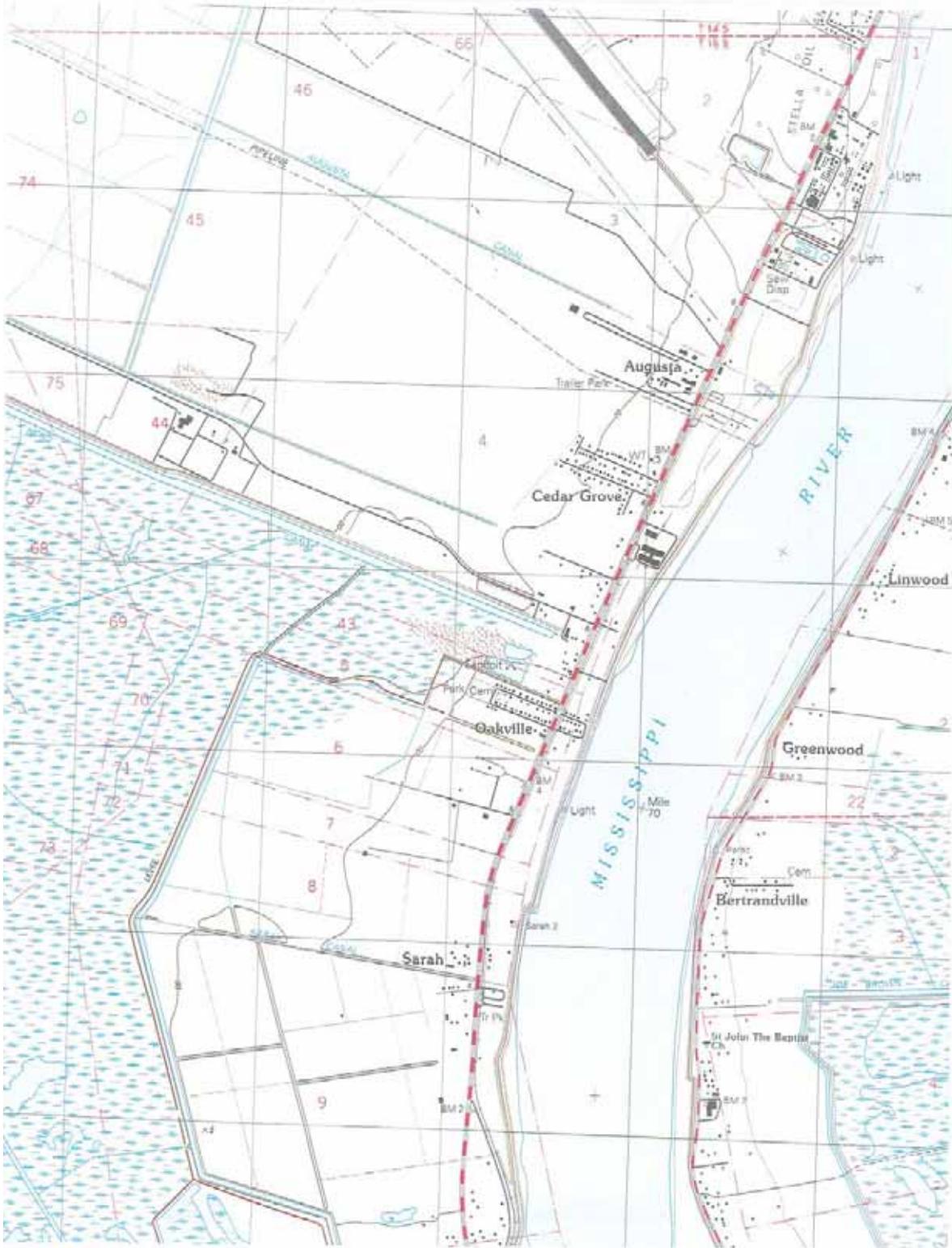
**EDR Topo 1989 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



**EDR Topo 1992 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



**EDR Topo 1995 Bertrandville  
Quad 1:24,000 Inquiry 1688487.4**



## **APPENDIX - B**

### **MAPS & AERIAL PHOTOGRAPHS**

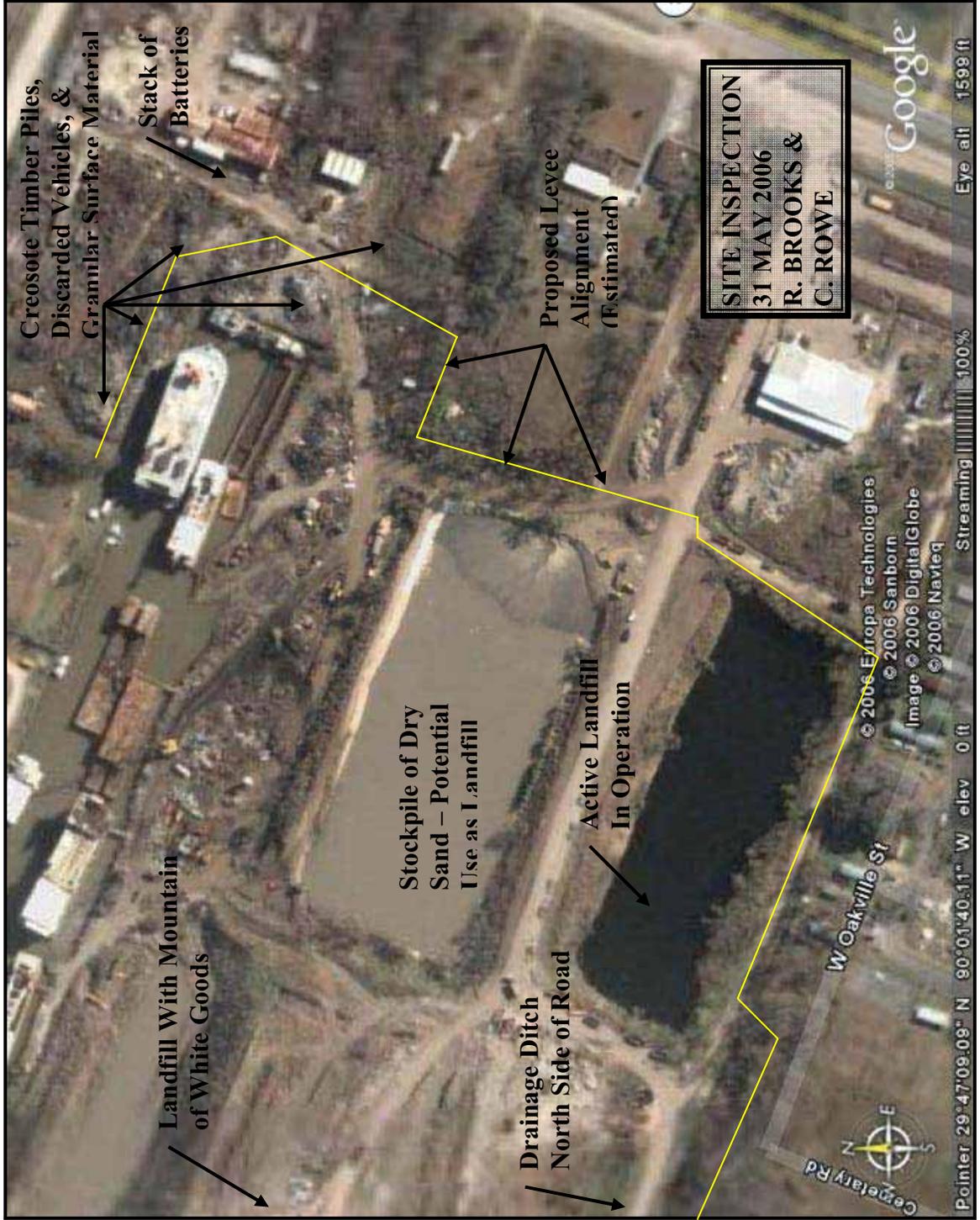
- Map 1: Site Location (Microsoft Streets)
- Map 2: Site Features (Goggle.com)
- Map 3: New Orleans Teraserver URBAN, 2002
- Map 4: Miss River USACE Aerial, 2002
- Map 5: New Orleans Teraserver Aerial (E), 1998
- Map 6: New Orleans Teraserver Aerial (W), 1998
- Map 7: New Orleans Teraserver Topo 1992
- Map 8: Miss River USACE Aerial, 1977
- Map 9: Miss River USACE Aerial, 1960
- Map 10: LADEQ Area Requiring Investigation 2006

DRAFT

### Map 1 - Site Location



### Map 2 -Site Features



**Map 3 - New Orleans, 12/28/2002 – URBAN**  
[www.terraserver.microsoft.com/](http://www.terraserver.microsoft.com/)  
[11256 Highway 23, Belle Chasse, LA 70037-4306](#)



**Map 4 – Miss River Aerial USACE 2002**



**Map 5 New Orleans, Louisiana, United States 2/23/1998 – AERIAL(E)**

[www.terraserver.microsoft.com/](http://www.terraserver.microsoft.com/)  
[11256 Highway 23, Belle Chasse, LA 70037-4306](http://11256 Highway 23, Belle Chasse, LA 70037-4306)



**Map 6 -New Orleans, Louisiana, United States 2/23/1998 – Aerial (W)**

[www.terraserver.microsoft.com/](http://www.terraserver.microsoft.com/)

[11256 Highway 23, Belle Chasse, LA 70037-4306](#)



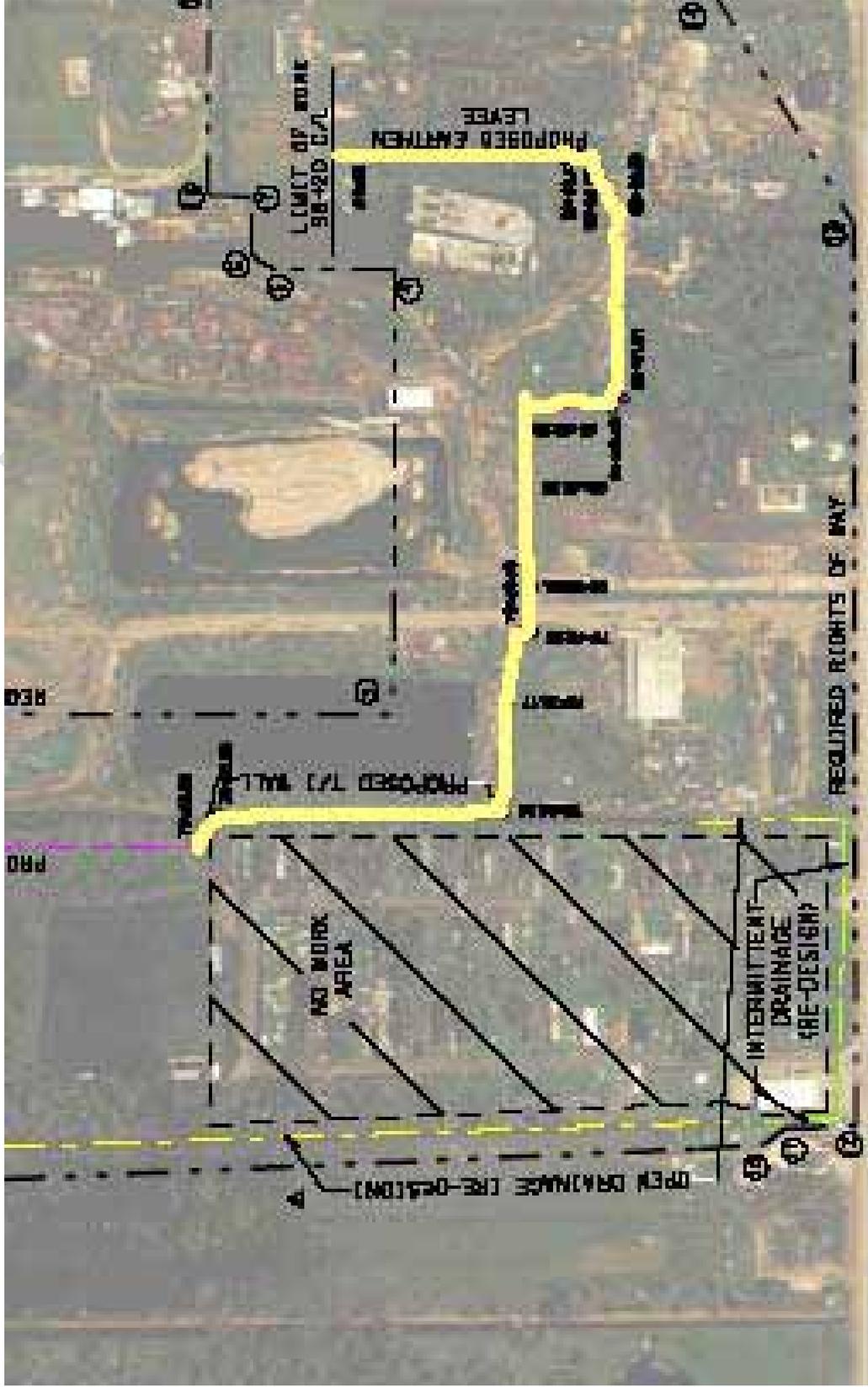
**Map 7 -New Orleans, Louisiana, United States 7/01/1992 – TOPO**

[www.terraserver.microsoft.com/](http://www.terraserver.microsoft.com/)

[11256 Highway 23, Belle Chasse, LA 70037-4306](#)



**MAP 8 - DEQ 20 JUNE 2006**  
**Highlighted to Indicate Areas That Should Be Further Investigated**



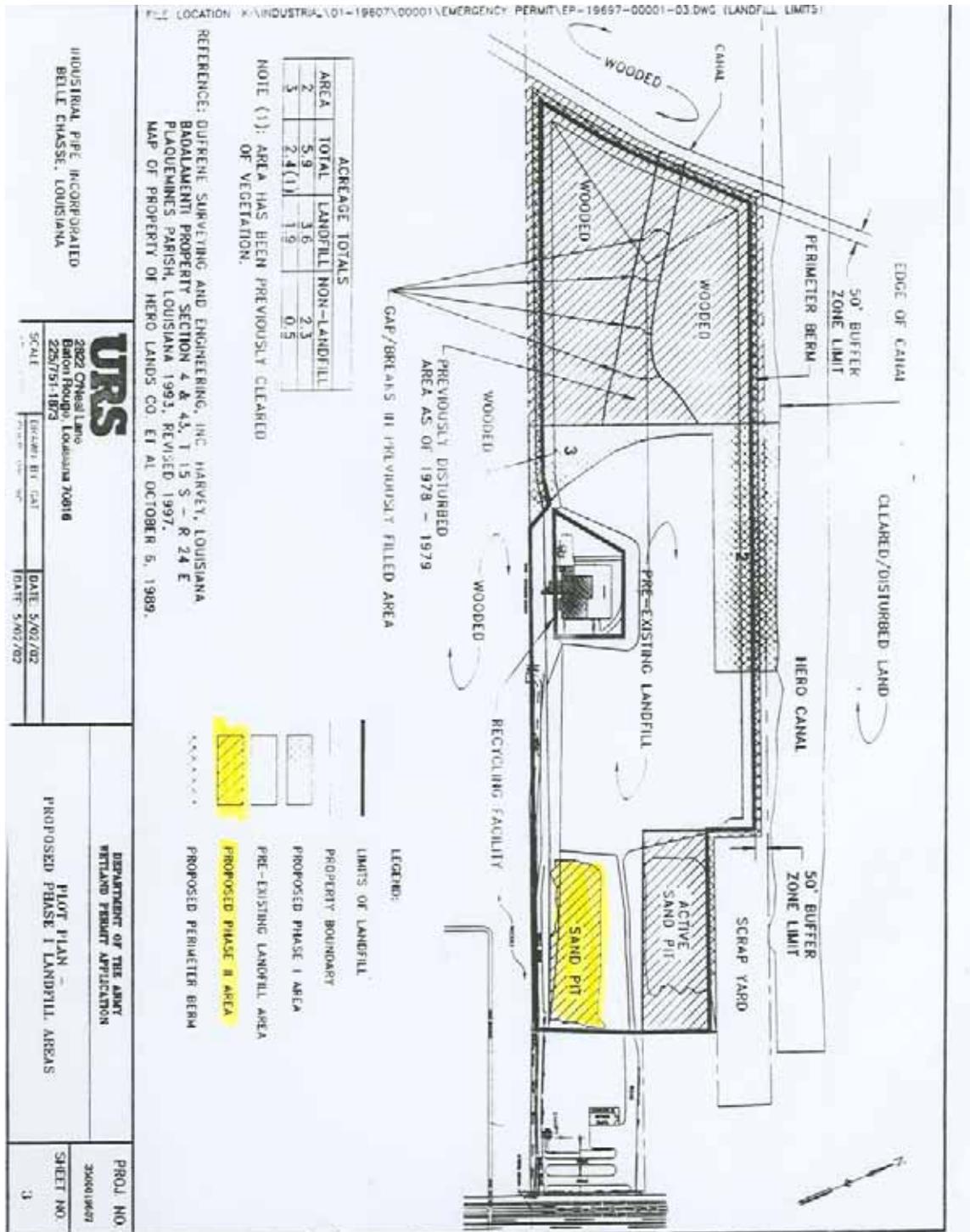
**MAP 9- Miss River Aerial, USACE 1977**



**Map 10- Miss River Aerial, USACE 1960**



**Map 11 - URS Phase I & II Landfill Area  
 May 2002**



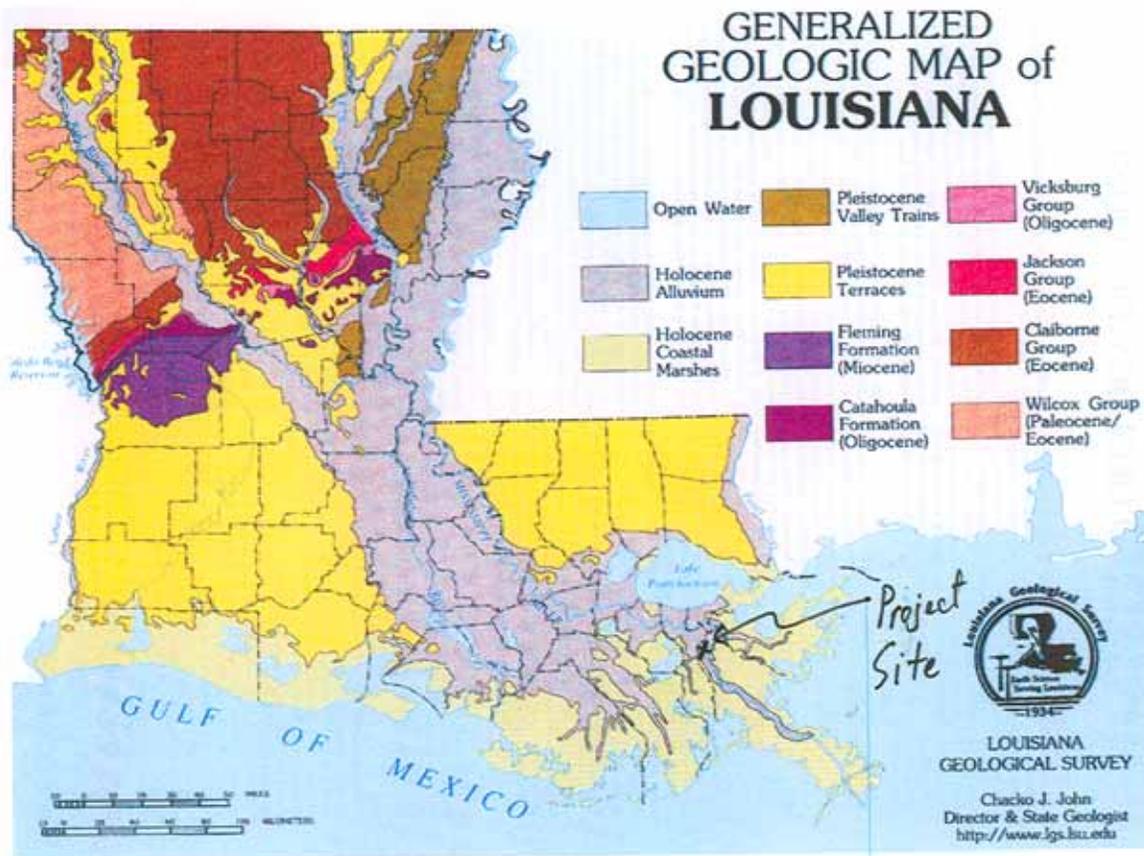


Figure 1: Generalized Geologic Map of Louisiana (Source: <http://www.lgs.lsu.edu/pubs/gengeomapla.pdf>). Discussion of geology of Louisiana that accompany this map is found in: <http://www.lgs.lsu.edu/pubs/gengeotext.pdf>.

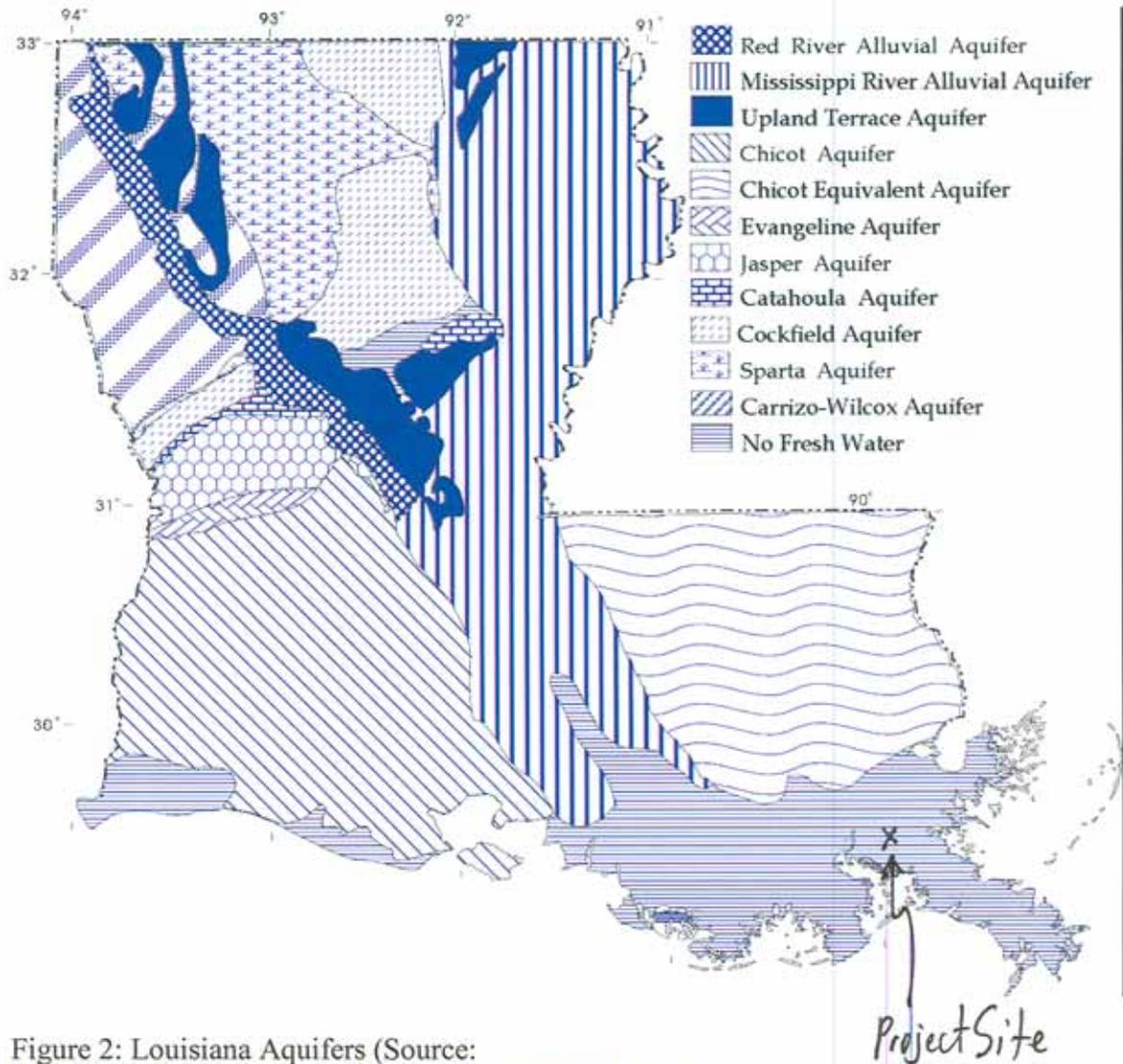


Figure 2: Louisiana Aquifers (Source: <http://www.deq.louisiana.gov/portal/tabid/1721/Default.aspx>, 2006)

HYDROGEOLOGIC COLUMN OF AQUIFERS												
System	Series	Stratigraphic unit	Hydrologic Unit									
			Northern Louisiana		Central and Southwestern Louisiana		Southeastern Louisiana					
			Aquifer or confining unit	Aquifer system or confining unit	Aquifer or confining unit		Aquifer system or confining unit	Aquifer or confining unit				
				Lake Charles area	Else growing area		Bahn Range area	St Tammany, Tangipahoa, and Westinghouse Parishes	New Orleans area and lower Mississippi River Parishes			
Quaternary	Pleistocene	Red River alluvial deposits Mississippi River alluvial deposits Northern Louisiana terrace deposits Unnamed Pleistocene deposits	Red River alluvial aquifer or confining unit Mississippi River alluvial or confining unit Upper terrace aquifer or confining unit	Chicot aquifer or confining unit	"Old" sand "Middle" sand "New" sand	Upper sand unit Lower sand unit	Chicot equivalent aquifer system or confining unit	Mississippi River alluvial aquifer or confining unit Shallow sand "Old" sand "New" sand	Upper terrace aquifer Upper Pamlico aquifer	New Orleans area and lower Mississippi River Parishes Osmore aquifer Osmore-New Orleans aquifer "L200" sand		
Tertiary	Pliocene	Fluvial Formation	House Creek Member	Franchine aquifer or confining unit		Franchine equivalent aquifer system or confining unit		"Old" sand "L200" sand "L200" sand "L200" sand	Lower Pamlico aquifer Big Bone aquifer Kochwood aquifer Able aquifer Covington aquifer Hillside aquifer			
			Carver Creek Member	Carver Creek confining unit		Unnamed confining unit		"L200" sand "L200" sand "L200" sand	Tribolite aquifer Hesswood aquifer Ardite aquifer Raney aquifer Franklinia aquifer			
		Miocene	Fluvial Formation	Williamson Creek Member Dough Hills Member Carson Bayou Member	Fluvial aquifer or absent in this area	Jasper aquifer system or confining unit	Williamson Creek aquifer Dough Hills confining unit Carson Bayou aquifer	Jasper equivalent aquifer system or confining unit				
				Levee Member	Levee confining unit		Unnamed confining unit					
	Oligocene	Catahoula Formation	Catahoula aquifer	Catahoula aquifer		Catahoula equivalent aquifer system or confining unit						
			Vicksburg Group, undifferentiated	Vicksburg-Jackson confining unit		Unnamed confining unit						
		Jackson Group, undifferentiated	Jackson-Jackson confining unit		Unnamed confining unit							
		Eocene	Clarksome Group	Cockfield Formation	Cockfield aquifer or confining unit	Cockfield aquifer or confining unit		Cockfield equivalent aquifer system or confining unit				
				Cook Mountain Formation	Cook Mountain aquifer or confining unit	Cock Mountain aquifer or confining unit		Cock Mountain equivalent aquifer system or confining unit				
				Spauld Land	Spauld aquifer or confining unit	Spauld aquifer or confining unit		Spauld equivalent aquifer system or confining unit				
	Cane River Formation			Cane River aquifer or confining unit	Cane River aquifer or confining unit		Cane River equivalent aquifer system or confining unit					
	Palaeocene	Midway Group, undifferentiated	Carlin Land	Carlin-Vivian aquifer or confining unit	Carlin-Vivian aquifer or confining unit		Carlin-Vivian equivalent aquifer system or confining unit					
Midway Group, undifferentiated			Midway confining unit	Midway confining unit		Midway equivalent aquifer system or confining unit						

\*Key with separating aquifer in southeastern Louisiana are discontinuous and unnamed.  
 Four aquifer systems as a group are called the Southern Hills aquifer system.  
 Four aquifer as a group are called the New Orleans aquifer system.

Source: DOW/LEO1 Water Resources Special Report No. 1, 1995

Figure 3: Hydrogeologic Column of Aquifers (Source: <http://www.deq.louisiana.gov/portal/Portals/0/evaluation/aeps/gwbroch2-3.gif>, 2006)

## APPENDIX - C EPA WEBSITE INFORMATION

[http://www.epa.gov/enviro/html/multisystem\\_query\\_java.html](http://www.epa.gov/enviro/html/multisystem_query_java.html)

<a href="#">FACILITY NAME/ADDRESS</a>	FACILITY INFORMATION	<a href="#">Permitted Discharges to Water?</a>	<a href="#">Toxic Releases Reported ?</a>	<a href="#">Hazardous Waste Handler?</a>	<a href="#">Active or Archived Superfund Report?</a>	<a href="#">Air Releases Reported ?</a>
<a href="#">INDUSTRIAL PIPE INCORPORATED</a> 11266 HWY 23 BELLE CHASSE, LA 70037	<a href="#">View Facility Information</a>	YES	NO	NO	NO	YES

### Facility Detail Report

<a href="#">Facility Name:</a>	<a href="#">INDUSTRIAL PIPE INCORPORATED</a>
<a href="#">Location Address:</a>	11266 HIGHWAY 23
<a href="#">Supplemental Address:</a>	3 MILES SOUTH OF CALEN
<a href="#">City Name:</a>	BELLE CHASSE
<a href="#">State:</a>	LA
<a href="#">County Name:</a>	PLAQUEMINES
<a href="#">ZIP/Postal Code:</a>	70037
<a href="#">EPA Region:</a>	06
<a href="#">Congressional District Number:</a>	03
<a href="#">Legislative District Number:</a>	
<a href="#">HUC Code:</a>	08090301
<a href="#">Federal Facility:</a>	NO
<a href="#">Tribal Land :</a>	YES
<a href="#">Tribal Land Name:</a>	UNITED HOUMA NATION TDSA (STATE)
<a href="#">Latitude:</a>	30.436389
<a href="#">Longitude:</a>	-91.177222
<a href="#">Method:</a>	INTERPOLATION-MAP
<a href="#">Reference Point Description:</a>	WATER RELEASE PIPE
<a href="#">Duns Number:</a>	131689614
<a href="#">Registry ID:</a>	110001245359

## Environmental Interests

<u>Information System</u>	<u>Information System ID</u>	<u>Environmental Interest Type</u>	<u>Data Source</u>	<u>Last Updated Date</u>	<u>Supplemental Environmental Interests:</u>
<a href="#">AIRS/AFS</a>	<a href="#">2207500047</a>	AIR MINOR	AIRS/AFS	09/18/1997	
ICIS	5869807	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10/07/2003	
ICIS	5870819	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10/22/2003	
ICIS	5870820	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10/22/2003	
ICIS	5870824	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	01/24/2005	
<a href="#">PCS</a>	<a href="#">LAG780013</a>	NPDES NON-MAJOR	NPDES PERMIT	01/09/2004	
<a href="#">PCS</a>	<a href="#">LAR05B066</a>	NPDES NON-MAJOR	NPDES PERMIT		
<a href="#">PCS</a>	<a href="#">LAR05M521</a>	NPDES NON-MAJOR	NPDES PERMIT		
<a href="#">PCS</a>	<a href="#">LAR05M522</a>	NPDES NON-MAJOR	NPDES PERMIT		
<a href="#">PCS</a>	<a href="#">LAU000220</a>	NPDES NON-MAJOR	NPDES PERMIT		
<a href="#">PCS</a>	<a href="#">LAU000221</a>	NPDES NON-MAJOR	NPDES PERMIT		

## Facility Mailing Addresses

<u>Affiliation Type</u>	<u>Delivery Point</u>	<u>City Name</u>	<u>State</u>	<u>Postal Code</u>	<u>Information System</u>
CONTACT/GENERAL	11266 HWY 23	BELLE CHASSE	LA	70037	AIRS/AFS
CONTACT/GENERAL	11266 HWY 23	BELLE CHASSE	LA	70037	PCS
CONTACT/GENERAL	INDUSTRIAL PIPE INCORPORATED	BELLE CHASSE	LA	70037	PCS

## NAICS Codes

No NAICS Codes returned.

## SIC Codes

<u>Data Source</u>	<u>SIC Code</u>	<u>Description</u>	<u>Primary</u>
PCS	1442	CONSTRUCTION SAND AND GRAVEL	
PCS	4952	SEWERAGE SYSTEMS	
AIRS/AFS	4953	REFUSE SYSTEMS	
PCS	4953	REFUSE SYSTEMS	
PCS	5093	SCRAP AND WASTE MATERIALS	
PCS	5093	SCRAP AND WASTE MATERIALS	

## Contacts

<u>Affiliation Type</u>	<u>Full Name</u>	<u>Office Phone</u>	<u>Information System</u>	<u>Mailing Address</u>
COGNIZANT OFFICIAL	KENNETH F STEWART, PRES.	5046562232	PCS	
COGNIZANT OFFICIAL	KENNETT STEWART, OWNER/PRES.D.	5046562232	PCS	
COGNIZANT OFFICIAL	KENNETT STEWART, OWNER/PRES.D.	5046562232	PCS	
COGNIZANT OFFICIAL	KENNETT STEWART, OWNER/PRES.D.	5046562232	PCS	
COGNIZANT OFFICIAL	KENNETT STEWART, OWNER/PRES.D.	5046562232	PCS	

## Organizations

No Organizations returned.

## Alternative Names

<u>Alternative Name</u>	<u>Source of Data</u>
BAYOU CONCESSION SCRAP OPER.	NPDES PERMIT
C/D LANDFILL OPERATION	NPDES PERMIT
INDUSTRIAL PIPE INC., BAYOU CONCESSION SCRAP OPERATION	ICIS
INDUSTRIAL PIPE INC., C/D Landfill Operation	ICIS

INDUSTRIAL PIPE INC., SAND AND GRAVEL OPERATION	ICIS
KENNY STEWART	AIRS/AFS
SAND & GRAVEL OPERATION	NPDES PERMIT
TRANSFER STATION/SCRAP-WASTE	NPDES PERMIT

Query executed on: JUL-07-2006

\*\*\*\*\*

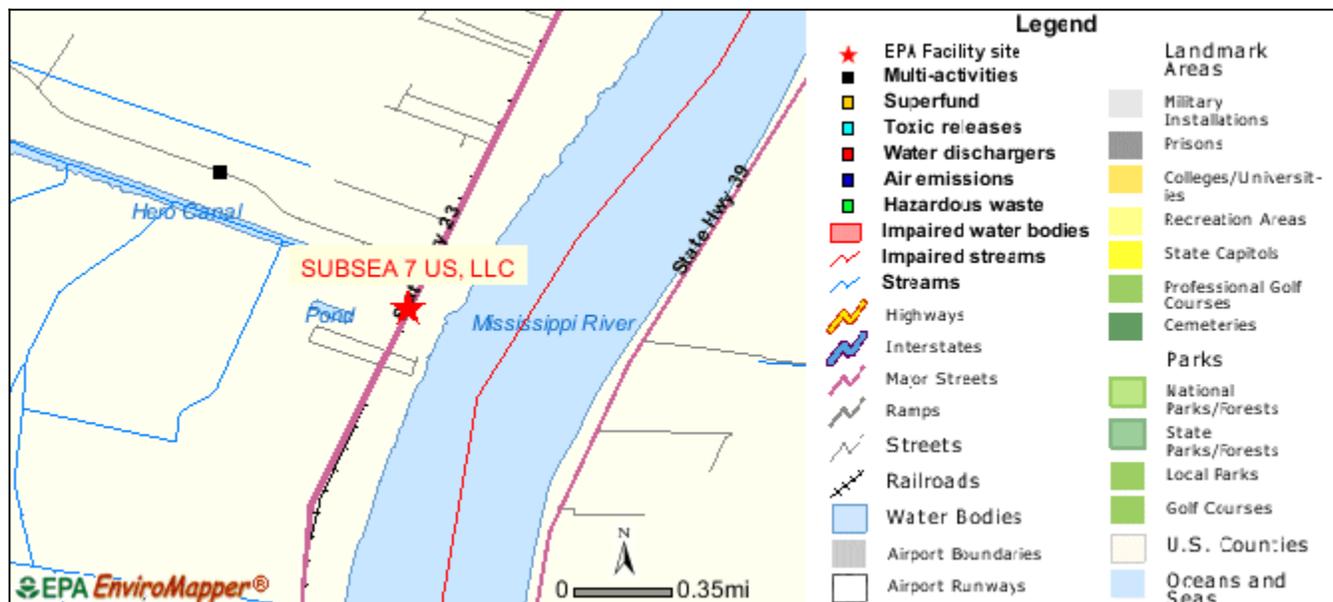
<http://maps.epa.gov/enviromapper/>

Two sites are listed in the vicinity of the proposed levee alignment:

- UBSEA International, Small Generator
- New Orleans Ironworks Inc., Conditionally Exempt Small Generator



**SUBSEA 7 US, LLC**  
**10656 HWY 23 S**  
**BELLE CHASSE LA 700374342**



**Query Results – RCRA**

**Handler ID:** Equal To: LAD053772430

Results are based on data extracted on JUN-06-2006

**HANDLER NAME:** SUBSEA 7 US, LLC **HANDLER ID:** LAD053772430  
**STREET:** 10656 HWY 23 S **FACILITY INFORMATION:** [View Facility Information](#)  
**CITY:** BELLE CHASSE **CORPORATE LINK:** No  
**STATE:** LA **COUNTY:** PLAQUEMINES  
**ZIP CODE:** 700374342 **MAPPING INFO:** [MAP](#)  
**EPA REGION:** 6

<a href="#">NAME</a>	<a href="#">STREET</a>	<a href="#">CITY</a>	<a href="#">STATE</a>	<a href="#">ZIP CODE</a>	<a href="#">PHONE</a>	<a href="#">TYPE OF CONTACT</a>
BRIAN SIMMONDS	HWY 23 S	BELLE CHASSE	LA	700374342	5046560226 226	Public

**HANDLER / FACILITY CLASSIFICATION**

<u><a href="#">HANDLER TYPE</a></u>
Small Generator

**NEW ORLEANS IRONWORKS INCORPORATED  
 220 WALKER ROAD  
 BELLE CHASSE, LA 70037**

**Facility Detail Report**



<u>Facility Name:</u>	<a href="#">NEW ORLEANS IRONWORKS INCORPORATED</a>
<u>Location Address:</u>	220 WALKER ROAD
<u>Supplemental Address:</u>	
<u>City Name:</u>	BELLE CHASSE
<u>State:</u>	LA
<u>County Name:</u>	PLAQUEMINES
<u>ZIP/Postal Code:</u>	70037
<u>EPA Region:</u>	06
<u>Congressional District Number:</u>	03
<u>Legislative District Number:</u>	SE
<u>HUC Code:</u>	08090100
<u>Federal Facility:</u>	NO
<u>Tribal Land:</u>	NO
<u>Latitude:</u>	29.792044

<a href="#">Longitude:</a>	-90.033945
<a href="#">Method:</a>	
<a href="#">Reference Point Description:</a>	
<a href="#">Duns Number:</a>	124910931
<a href="#">Registry ID:</a>	110012246186

### Environmental Interests

<a href="#">Information System</a>	<a href="#">Information System ID</a>	<a href="#">Environmental Interest Type</a>	<a href="#">Data Source</a>	<a href="#">Last Updated Date</a>	<a href="#">Supplemental Environmental Interests:</a>
<a href="#">AIRS/AFS</a>	<a href="#">2207500291</a>	AIR MINOR	AIRS/AFS	05/11/2001	
<a href="#">RCRAINFO</a>	<a href="#">LAR000045526</a>	CESQG	NOTIFICATION (RCRA)	05/15/2001	

### Facility Mailing Addresses

<a href="#">Affiliation Type</a>	<a href="#">Delivery Point</a>	<a href="#">City Name</a>	<a href="#">State</a>	<a href="#">Postal Code</a>	<a href="#">Information System</a>
CONTACT/GENERAL	220 WALKER RD	BELLE CHASSE	LA	70037	RCRAINFO

### NAICS Codes

<a href="#">Data Source</a>	<a href="#">NAICS Code</a>	<a href="#">Description</a>	<a href="#">Primary</a>
RCRAINFO	332999	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING.	

### SIC Codes

<a href="#">Data Source</a>	<a href="#">SIC Code</a>	<a href="#">Description</a>	<a href="#">Primary</a>
AIRS/AFS	3479	COATING, ENGRAVING, AND ALLIED SERVICES, NOT ELSEWHERE CLASSIFIED	

### Contacts

<a href="#">Affiliation Type</a>	<a href="#">Full Name</a>	<a href="#">Office Phone</a>	<a href="#">Information System</a>	<a href="#">Mailing Address</a>
CONTACT/REGULATORY	RONALD B BUFORD	5046568996	RCRAINFO	<a href="#">View</a>

### Organizations

<a href="#">Affiliation Type</a>	<a href="#">Name</a>	<a href="#">DUNS Number</a>	<a href="#">Information System</a>	<a href="#">Mailing Address</a>
CONTACT/OWNER	NEW ORLEANS IRONWORKS INC		RCRAINFO	<a href="#">View</a>

### Alternative Names

<a href="#">Alternative Name</a>	<a href="#">Source of Data</a>
COBRA COATINGS INCORPORATED	AIRS/AFS

## MultiSystem Report

*This query was executed on JUL-06-2006*

### AIRS / AFS Information

**PLANT NAME:** NEW ORLEANS IRONWORKS INC      **COMPLIANCE SYSTEM PLANT ID:** 00291  
**AFS PLANT ID:** 00291  
**LATITUDE:** 0      **LONGITUDE:** 0  
**DUNS NUMBER:**      **PRINCIPAL PRODUCT:**  
**INVENTORY YEAR:**      **EMERGENCY CONTROL:**  
**CLASS CODE:** POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YR      **COMPLIANCE STATUS:** IN COMPLIANCE - CERTIFICATION

The current AIRS/AFS database does not have any pollutant data for this facility.

### RCRA Info

**HANDLER ID:** LAR000045526

<b>LIST OF NAICS CODES &amp; DESCRIPTIONS</b> <u>NAICS CODE</u>	<u>NAICS DESCRIPTION</u>
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing

### HANDLER / FACILITY CLASSIFICATION

<u>HANDLER TYPE</u>
Conditionally Exempt Small Generator

### Query Results - RCRA

**Handler ID:** Equal To: LAR000045526

Results are based on data extracted on JUN-06-2006

<b>HANDLER NAME:</b> NEW ORLEANS IRONWORKS INCORPORATED	<b>HANDLER ID:</b> LAR000045526	<a href="#">View Facility Information</a>
<b>STREET:</b> 220 WALKER ROAD	<b>FACILITY INFORMATION:</b>	
<b>CITY:</b> BELLE CHASSE	<b>CORPORATE LINK:</b> No	
<b>STATE:</b> LA	<b>COUNTY:</b> PLAQUEMINES	
<b>ZIP CODE:</b> 70037	<b>MAPPING INFO:</b> <a href="#">MAP</a>	
<b>EPA REGION:</b> 6		

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
RONALD B BUFORD	220 WALKER RD	BELLE CHASSE	LA	70037	5046568996	Public

**HANDLER / FACILITY CLASSIFICATION**

<u>HANDLER TYPE</u>
Conditionally Exempt Small Generator

DRAFT

## **APPENDIX - D**

### **SUMMARY OF PAST ASSESSMENTS**

This Phase I ESA builds upon the findings of three previous HTRW Assessments and/or Environmental Evaluations (investigations) with respect to the subject site. The two assessments, dated August 1994 and July 1996, were conducted by the US. Army Corps of Engineers, New Orleans District. The evaluation, dated July 1999, was conducted by Gulf Engineers & Consultants (GEC) for the U.S. Army Corps of Engineers, New Orleans District. These previous investigations include extensive research and evaluations and are referenced and incorporated as a substantial part of this Phase I ESA. They provide details on the relevant: Project description, needs, and authority, as well as the proposed actions, geological features, vegetation, wildlife, climate and hydrology. These investigations also included interviews, in-depth research and review of historical land use history. The following pages summarize the past investigations. The narrative bodies of these investigations are attached following the summary. Complete copies of the reports for these investigations can be obtained from the Planning Division USACE MVN.

#### **1994 – HTRW #28**

Portions of the west bank from the Harvey Canal eastward to the community of Oakville for the presence of HTRW. Work includes earthen levee enlargement, floodwall construction, and floodgate construction along Harvey, Algiers, and Hero Canals; HTRW risk during construction is minimal; no additional HTRW work is recommended; this assessment is prepared under guidance of the Corp of Engineers Regulation ER 1165-2-132, June 1992; the project area is bounded by Hero Canal to the south; water samples taken above and below the intersection of the GIWW and the Hero Canal indicate that the Hero Canal could have slightly better water quality than the Harvey Canal. However, portions of the Hero Canal contain some contaminated sediments according to the Louisiana Department of Environmental Quality (DEQ); the Land Use History Report was developed by Earth Sciences... through examination of historic maps, aerial photographs, and state, Federal, and parish environmental records – this document is on file at NOD; the EPA, several division of DEQ and the Louisiana DNR were all conducted regarding any known HTRW problems both in the project area and the levee ROW; two site visits to the project area were conducted to evaluate the proposed alignment and determine if there were any visible HTRW problems; The Algiers Canal and Hero Canal Levees would be raised to the project height with borrow material that would be obtained from an off-site borrow pit. The construction of these levee lifts would limit ROW to the area between the canals and approximately 120 feet landward from the centerline of the existing levee. This method of construction would greatly minimize the potential to disturb any underground storage tanks or nearby HTRW contaminated sites that are located within a construction of business yard; the Hero Canal levees are used primarily for cattle pasture, except for the south side near Oakville where a landfill for construction demolition materials is located; the only business along the Hero Canal was a landfill which received construction and demolition materials. Records of DEQ indicate that there have never been any violations of the state permit at this facility. THIS PROPERTY DOES NOT APPEAR TO PRESENT ANY PROBLEMS WITH HTRW; based on field inspection, agency coordination, and Land Use History, THERE IS MINIMAL RISK OF ENCOUNTERING AN HTRW SITE DURING CONSTRUCTION OF THIS PROJECT.

Limitations: files at the DEQ are complete from 1980 to the present, however businesses that were present prior to 1980 may not have a file because no problems have been reported. Because of the nature of this industrial corridor, there may be unrecorded UST's located on the properties within the alignment.

APPENDIX D – Site Visits. In the Oakville area, along the Hero Canal portion of the study, the levee alignment would enclose a landfill which receives construction and demolition materials. This landfill parallels the Hero Canal for approximately 1,700 feet. The entire perimeter of the landfill appears to be clean and relatively free of debris. LDEQ has reported no known HTRW materials have been land-filled at the site. Leachate and topsoil samples taken at the site by LDEQ revealed that no contaminants were present. Across the Hero Canal from the landfill, recycled creosote lumber is loaded onto barges in the Hero Canal. Along this stretch of the Hero Canal, we recommend that these materials be removed from within the levee ROW, before levee construction begins. Based on field verifications of the absence of probable HTRW sites within the levee rights-of-way and the present and historic land use in the area, the potential for encountering a HTRW site does not exist within the Algiers Canal, Harvey Canal, and Hero Canal levee rights-of-way.

### **1996 – HTRW #103**

A portion of the levee [East of Harvey Hurricane Protection Levee] specifically near the Oakville Community, intersects a land fill/recycling location. It is at this land fill location that additional Hazardous, Toxic, and Radioactive Waste (HTRW) research was performed, evaluating health and safety risks associated with alternative alignments over or around the land fill. An HTRW study was completed for the entire East of Harvey levee project, dated 9 Aug 1994, which included one levee alignment around the Oakville landfill. The 1994 report concluded a low HTRW risk. ADDITIONAL INVESTIGATIONS IN THIS NEW REPORT ON ALTERNATIVE ALIGNMENTS AROUND AND ACROSS THE LANDFILL HAVE FOUND NO INFORMATION INDICATING ANY WASTE CONCERNS. THERE ARE LOW HTRW RISKS ASSOCIATED WITH THE ALTERNATIVE ALIGNMENTS. No excavation is allowed in the landfill; this assessment is prepared under guidance of the Corp of Engineers Regulation ER 1165-2-132, June 1992; The Feasibility Report and Environmental Impact Statement was authorized by four resolutions; Four alternatives... were examined for HTRW problems. Two of the shorter alignments... involve crossing the landfill, and the two longer alignments... involve going around the landfill, there would be no excavation or keyway construction needed. None of the alternative alignments would involve construction in the landfill. There is a proposed excavation for levee construction immediately west of the landfill which is still being evaluated... This area is included in this HTRW investigation; the alternative alignments being considered in the Oakville area go over or around the Industrial Pipe Land Fill, formerly known as the Oakville Landfill. Creosote timber and scrap metal recycling sites are also adjacent to the project area. There are no specific or known HTRW concerns regarding this project; No additional land use investigation was performed for this study because it was completed in the original ISA for this project in 1994, and is on file in Planning Division [USACE MVN]; the landfill was specifically investigated for and HTRW concerns with any of the proposed alternative alignments. Superfund (NPL) locations and RCRA Treatment, Storage, and Disposal Sites within one mile of the landfill were reviewed. The site was also reviewed for underground storage tanks, inactive and abandoned sites, and hazardous waste sites, as

well as other environmental problems. Two site visits were conducted on 28 May, and 18 June 1996... The eastern end of Hero Canal is an industrialized area. It is on the eastern end where recycling areas for creosote and metal are located. There is also a maintenance staging area for oil and gas well sites in the Gulf of Mexico, on the eastern end of Hero Canal. Other than this industrialized area, there are no indications of any HTRW problems associated with the landfill, such as dead vegetation, abnormal water appearance, excessive trash, or uncharacteristic vegetation growth;

INTERVIEW W/ Mr. Kenneth Stewart [on or about July 1996] The site started out as a construction and demolition debris (C&D) landfill in the early 1960's. It was called the Oakville Landfill, owned by the Baldalamenti family. In the front portion of the property is a sand pit area, which also has been in existence since the early 1960's. From the early 1960's until 1980, the site was a C&D landfill. IN 1980, DEQ BEGAN REGULATING THE SITE, AND CLASSIFIED THE SITE AS A SOLID WASTE LANDFILL THAT COULD ALSO ACCEPT MUNICIPAL TRASH. IN THE EARLY 1980'S BROWNING FERRIS INDUSTRIES (BFI) LEASED THE LANDFILL FOR ABOUT A YEAR AND ACCEPTED MUNICIPAL TRASH UNTIL CLOSED DUE TO WETLANDS PERMIT PROBLEMS. A road was built out of landfill debris from the back of the landfill to almost Barataria Waterway. A noncompliance order was issued from the Corps, and BFI had to breach the road in several places. The landfill was inactive for years. Industrial Pipe, Inc. purchased the landfill about 1985, operating it mainly as a C&D landfill, and accepting municipal trash for about 4 months at one point. The landfill received full compliance from DEQ in 1985-86 to operate as a C&D landfill and recycling site, but not accepting municipal trash or hazardous wastes. Industrial Pipe has been operating the recycling center for about 5 years now. An important aspect of THE LANDFILLS IS THAT THEY WERE SUBJECT TO MULTI-PHASE CONTAMINANT INVESTIGATIONS BY DEQ PRIOR TO THEIR RECEIVING FINAL DEQ PERMITS TO OPERATE THE LANDFILL AND RECYCLING CENTER. SAMPLING INCLUDED AIR AND WATER TESTS – NO VIOLATIONS WERE FOUND. In fact, Industrial Pipe was required to install a monitoring well to determine hydrologic (surface and groundwater) pollutant impacts of the C&D and recycling activities. The recycling center has its own complete leachate collection system. After 18 months of sampling from the well, no violations were discovered, the well was capped, and DEQ issued their permits for the current site operations. DEQ often has surprise inspections, which include sampling for air and water, and no major violations have been found. The sand pit in front of the landfill is operated by Duplesis and Sons. The scrap metal recycling site on Hero Canal is called Triple-G welding, also owned by Mr. Kenneth Stewart who owns the landfill. Mr. Stewart also owns the creosote lumber recycling facility at the eastern end of the Hero Canal.

RECORDS. There were no Louisiana DEQ records found for the CERCLIS, RCRIS, USTDR, LASRIS, or RCRA databases [for Industrial Pipe Yard or Oakville Landfill]... Other Hazardous Waste Division files had no records for the landfill, nor did the underground storage tank files. The land fill was not listed on the National Priorities List for Superfund Sites. There is no data that indicates that the landfill ever received hazardous waste such as drums or solid chemicals. A 1990 pipeline atlas showed a near-by 12" United Gas Line just west of the landfill.

DEQ Ground Water Protection Division did have a listing for the Industrial Pipe Land fill, CFIS #9814, and LAD#982302705. The files provided a history and testing results from the monitoring

well. The well was installed on April 23, 1992. A series of samples were collected and analyzed by Steimle and Associates between September 1992 and February 1994. In a letter dated March 17, 1994, DEQ found no requirements to continue sampling, and gave approval to close the well. DEQ found no groundwater contamination.

The Solid Waste Division at DEQ had extensive records on the landfill site, both under the former name of Oakville Landfill, file #D-075-1254, and the current name of Industrial Pipe Inc., files #TP-75-3077, P-075-2755, and TPD-075-2029. The solid waste records revealed a history of problems at the landfill dating back to the early 1980's when DEQ first became involved, but the problems noted are typical of any landfill. There were many neighbor complaints such as smells, flies, noise, and concerns over the proposed incinerator. Several DEQ citations have been issued over the years for violations such as inadequate dirt cover, accepting unauthorized waste including paper, plastics, and putrescible wastes. There has been several drums found, a tank trailer, electrical transformers (labeled as not containing PCBs), and off-colored leachates. **HOWEVER, ALL SAMPLES TAKEN HAVE SHOWN MINIMAL OR NO-DETECT POLLUTANTS, AND NOTHING HAS EVER BEEN FOUND AT ACTION LEVELS. LETTERS IN THE FILES INDICATE THAT ALL VIOLATIONS WERE CORRECTED AS DISCOVERED, AND AN INSPECTION IN APRIL 16, 1996 FOUND NO VIOLATIONS, EVERYTHING WAS SATISFACTORY.**

Records were searched at the Plaquemine Parish, Port Sulphur Permit Office, with Ms. Sheila Robeaux providing all files on the landfill site. Several copies of permits they had on file included many building permits, several Parish Resolutions, and some DEQ permits. On 6 November 1985, DEQ issued their first permit to Industrial Pipe, Inc., to operate for accepting C&D and non-hazardous wastes. The landfill is currently operating under DEQ Permit #P-0185, which expires on 9 November 1998. The Industrial Pipe Landfill is listed as facility PE-075-2029.

**SITE VISIT.** There were no indications of hazardous waste, such as drums, discolorations, dead vegetation, dead water column, odors or sheens. There were no indications of any heavy equipment disposal such as antifreeze, oils, transformers, motor parts, or double pack containers.

**DISCOVERY.** Any levee construction around the perimeter of the landfill or a contiguous clay cap across the landfill will not have any HTRW conflicts or create an HTRW situation. **LEVEE CONSTRUCTION UP TO THE LANDFILL ON THE SOUTH SIDE AND AROUND HERO CANAL ON THE NORTH SIDE WILL NOT HAVE ANY HTRW CONFLICTS OR CREATE AN HTRW SITUATION.**

Based upon aerial photography, field inspection, agency coordination, and land-use history, there is a low risk of encountering an HTRW problem during construction of this project, either by an earthen levee tie-in and clay cap, or placing a levee around the landfill. **LIABILITY FOR HTRW PROBLEMS RELATED TO THE LEVEE CONSTRUCTION ALONG ANY ALIGNMENT IS LOW.** No groundwater or surface water violations were found in the agency searches. Files at DEQ showed several minor violations over the years, but no HTRW related problems. **PARISH RECORDS INDICATED NO HTRW PROBLEMS.**

Also, there would be no problem with any proposed excavation for fill in the wetlands west of the landfill. This landfill has been extensively monitored, inspected, and tested by DEQ, with no outstanding problems remaining. However, with any levee alignment selected, no intrusion, excavation, or other invasive disturbance of the existing landfill is allowed. Should the construction methods change, HTRW risk will need to be reevaluated.

### **1999 – GEC Report**

This study involved the realignment of a levee proposed for flood protection in the area of Oakville, Louisiana, on the west bank of the Mississippi; this realignment is at the southern terminus of the “East of Algiers Canal” section of the hurricane protection system and consists of two new alternative routes to link the proposed levee on the south side of Hero Canal with the existing Oakville levee. A Feasibility Report and an Environmental Impact Statement were conducted for the west bank of the Mississippi River in the vicinity of New Orleans (east of the Harvey Canal) in 1994 by the USACE, NOD. That study focused on an alignment on the south side of Hero Canal that would closely encompass an existing sand mine, construction debris landfill and recycling facility, and then tie into the existing Oakville Levee immediately west of the community of Oakville. However, since that study was completed, some Plaquemines Parish officials and business owners have expressed interest in extending the encompassed area westward to enclose more land for future development. Therefore, the NOD is now considering the two alternative levee alignments that are the subject of this evaluation. The environmental impact statement (EIS) portion of that project described in detail the anticipated impacts of the overall flood project to the significant resources of the area. IT WAS DETERMINED THAT THE PROPOSED LEVEE ALIGNMENT IN THE OAKVILLE AREA WOULD NOT PRESENT ANY EXTRAORDINARY THREAT TO THE ENVIRONMENT DUE TO THE PRESENCE OF HTRW MATERIALS THAT MIGHT BE RELEASED OR OTHERWISE DISTURBED. As a result of this study, GEC discovered only one very narrow area, approximately 100 feet wide, crossing one of the proposed alternative alignments (Alternative Levee 1, described in detail in report) where what appeared to be construction rubble had been dumped. No HTRW materials were discernable on the surface and from interviews, it was learned that construction debris is all that should have been disposed here. THEREFORE, NO HTRW SITES WERE IDENTIFIED IN THIS EVALUATION OF THE LEVEE REALIGNMENT CORRIDORS.

Located immediately to the east, along LA Highway 23 is Industrial Pipe, Inc. which operates a moderate size pipe supply yard, a large construction debris landfill, a marine scrap yard, and a scrap recycle center. The landfill and recycling center operate as Riverside Recycling and Disposal. GEC contracted VISTA Information Solutions, Inc. (formerly ERIIS) to research state and federal environmental databases that track HTRW materials handlers, treaters, disposers, and transporters, as well as abandoned facilities that may be listed on the National Priorities List. The HTRW investigation portion of this evaluation consisted of an aerial survey by helicopter and ground-truthing by foot. Of the industrial/commercial enterprises in the area, the Industrial Pipe/Riverside Recycling and Disposal facility located adjacent (east) of the levee alignment area is of highest concern. Although it is permitted as a construction debris landfill, it is always a possibility, if not a likelihood, that some HTRW materials will be included in waste received by this type facility. However, during the site reconnaissance GEC observed no indication that HTRW materials had been disposed there. Riverside Recycling Disposal, State SWLF – Solid Waste Landfill / SRC#3599;

Type – Resource Recovery (Recycling) 11266 Hwy 23, Belle Chasse , LA 70337; Waste – paper/cardboard, metals, paper, plastic, white goods.

Immediately to the east of the landfill/recycling facility (actually between the landfill and the pipe yard and office facility on LA 23) is a sand mining operation run by Duplesis Construction Company. One abandoned sandpit, which is now a pond, exists on the south side of the access road to the landfill/recycling center, and an active mine is on the north side of the road. Just north of the sandpits, on the south side of Hero Canal's end, is Industrial Pipe/Riverside Recycling's marine scrap yard. Here, old barges, boats, and other marine and oilfield equipment are cut up for scrape and salvage.

INTERVIEWS. Opinions on the realignment of the Oakville Levee under consideration in this evaluation were sought from Plaquemine Parish Officials as well as the major landowner of the immediate area, Mr. Kenneth Stewart. Although his business was not identified as an HTRW site, Mr. Stewart was also interviewed singularly due to the nature and location of his industrial operation in relation to the proposed realignment. The information he provided has been incorporated into other sections throughout this report. THAT REPORT [FEASIBILITY]/EIS IDENTIFIED NO HTRW SITES IN THE OAKVILLE LEVEE REALIGNMENT AREA. IT DID MENTION THAT THE OAKVILLE LEVEE WOULD ENCLOSE THE INDUSTRIAL PIPE / RIVERSIDE RECYCLING AND DISPOSAL LANDFILL WITHIN THE PROTECTED AREA, BUT STATED THAT "THERE ARE NO KNOWN HAZARDOUS MATERIALS LANDFILLED AT THIS SITE."

Additionally, it is GEC's opinion that this action will require separate documentation (most likely a supplemental EIS) and clearance under the National Environmental Policy Act (NEPA), as well as meeting the requirements of the Clean Water Act (CWA) and the Coastal Zone Management Act (CZMA).

## **Appendix - E**

### **MVN SUMMARY OF CORESPONDENCE & FILE DATA**

#### **D. THURMOND PROJECT FILE**

12-18-01 – LDEQ, Anita Peterson - Landfill still not in compliance

3-18-03 – Alignment passes through property owned by Hero (portion leased by K. Stewart near Walker Rd.), Baldamamenti (pasture area), and four other owners (between recycling plant & Lareusitee Levee); K. Stewart's property includes the drainage ditch between the pasture & the sawmill, and the ditch along Oakville; his property starts 375' from the highway in the vicinity of the sawmill; In the future Kenny plans to build landfills at both sand pits, and retain a small sedimentation pond.

Along the north side of Hero Canal, owned by Hero (Hero Land Company) & leased by Kenny, he needs a minimum of 50' from the canal bank to operate a crane. Geotech requires a minimum of 25' ft from canal for stability

At the east end of Hero Canal, Kenny's property line is 375' from Hwy 23 and extends to include the drainage ditch. He plans to develop property along the access road and asked us to move the alignment as close to his property line as possible

The pasture area (Baldamenti) is at elev. 8'; levee final grade is 9.5'.

Kenny plans to develop the 230' reach behind his offices and said a levee will take up too much land.

B-8 is .358 acres of pasture; B-4,5, 6 are ease of the canal end

5-20-02 – K. Stewart stated that he requested clarification of NOD's policy on tying levees into landfills

#### **LDEQ CORRESPONDENCE**

MAP 5-02/03-02, URS, Industrial Pipe, Inc. – Wetland Permit Application – shows plans for Phases 1 & 2 expansion of the landfill including a plot plan and a landfill cap plan (2' clay w/ 6" topsoil), which encompasses both sand pits and about 28.5 acres west of recycling facility (wooded area between recycling center and canal on the west boundary).

## LDEQ Database Information



State of Louisiana  
Department of Environmental Quality



BOBBY ROEMER  
Governor

PAUL TEMPLET  
Secretary

### MEMORANDUM

**TO:** All Industrial Generators, Disposers, Treaters and Storsers  
of Hazardous and/or Non Hazardous Industrial Wastes

**FROM:** Paul H. Templet, Ph.D., Secretary *J.P. for P.T.*

**DATE:** November 15, 1989; this memo will become policy  
effective on December 15, 1989 if no comments are  
received, and no revisions occur before November 30

**RE:** Construction Variances in Areas with Potential for  
Ground Water Contamination

#### Problem

It has come to our attention that operators have been seeking new construction and/or expansion permit variances in areas of known soil and ground water contamination, or in areas which should be suspected of such contamination because of historical land usage. Requests have been submitted without adequate subsurface descriptions (soil chemical/constituent characterizations), and without remedial plans, or references to remedial plans which may have already been developed.

#### Discussion

Construction activities in such areas may cause ground water contamination or aggravate existing conditions by allowing seepage from contaminated soils or zones to move downward through pilings and into excavations, pilot holes, foundations, etc. All contamination is covered under this advisory regardless of the source (RCRA or non RCRA), and regardless of its regulatory designation (RCRA hazardous or RCRA non hazardous).

OFFICE OF THE SECRETARY P.O. BOX 44086 BATON ROUGE, LOUISIANA 70804

Memorandum  
Construction Variances  
November 15, 1989

Authority

In accordance with LSA-R.S. 30:2076(A)-(G), LSA-R.S. 30:2077, and LSA-R.S. 30:2203(A)-(C), the Department requires that notifications of the discovery of contaminant release to the subsurface be followed by investigative reports defining the problem area, and corrective action plans as may be applicable to each individual situation.

Advisory

In order to avoid unexpected delays in construction schedules, while the appropriate environmental information is being amassed and conveyed to this Department, you are hereby advised of Departmental requirements and data that should be submitted prior to or in conjunction with the request for construction variances and/or permits:

1. Chemical, hazardous constituent and pollutant surveys of soils and ground water throughout the proposed work site must be defined. This could be accomplished in unison with the geotechnical/engineering soil evaluation, and must include the entire soil profile to the full depth of planned work.
2. Assessment and corrective action plans for the immediate work area, in order to determine the source of the problem and preventing vertical migration of any constituent into underlying water bearing zones are necessary.
- ✓ 3. All variances shall be subject to (30 day) public notice and comment prior to issuance.
4. The five IT questions should be answered in connection with any submission for a variance since this needs to be considered prior to agency action. Particular attention should be paid to the site suitability.
5. The data submissions should be submitted to and approved by all offices of DEQ to determine their adequacy prior to agreeing

Construction Variance  
November 15, 1989

that contamination will not present a problem if construction takes place over it.

6. All Assistant Secretaries (1. the Office of Air and Nuclear Energy, 2. the Office of Water Resources, 3. the Office of Solid and Hazardous Waste, and 4. the Office of Legal and Enforcement), will be required to approve a construction variance from air or water permit requirements.

7. Pile driving is explicitly prohibited through contaminated soil and/or water. Applicants will also need to describe the extent to which they intend to drive pilings into, or adjacent to, a contaminated area.

8. If no soil and/or ground water assessment has been conducted in areas where there is probable cause, either from history of the site or proximity to known contamination, to believe there is contamination, no variance should be issued. The assessment should include priority pollutants plus any other contaminant(s) expected to be present. Measurement should be for total concentration. Due diligence in undertaking this analysis is expected by the permit applicant.

### Summary

In no case shall the Department allow new construction and/or manufacturing expansions into areas of known soil and ground water contamination, unless proper safeguards have been taken to protect the environment as stipulated above.

Your attention and response to this memorandum will be greatly appreciated.

PHT:MO:1



**State of Louisiana**  
**Department of Environmental Quality**



**BUDDY ROEMER**  
Governor

**PAUL TEMPLET**  
Secretary

RECEIVED

MAY 20 1991

May 15, 1991

DEPT. OF ENVIRONMENTAL QUALITY  
SOLID WASTE DIVISION

MEMORANDUM

TO: Karen Fisher-Brasher, Permits Program Manager  
Solid Waste Division

FROM: Gerald Mathes, Regional Coordinator-Enforcement *GM*  
Solid Waste Division

SUBJECT: Industrial Pipe Inc.  
Transfer Station (Proposed)  
TP-075-3077  
Permit Application No. 369 (Review)  
Plaquemines Parish

A review of the proposed transfer station permit application was conducted by Mr. Mark Stansbury and I. We offer the following:

OPERATIONAL PLAN

107.C.4.a ii - Key Personnel.

Response states at least two person per job title. Job titles include General Manager, Operations Manager and various other personnel.

Does this mean two General Managers and two Operations Managers at the site?

M.S.

PHYSICAL CHARACTERISTICS - EXISTING  
Facility & Facilities yet to be put in place

Most of the "major facilities" are in place with the remaining items to be completed within 30 days or so.

Facilities in place presently:

1. Tipping floor area with cover and curbs
2. Conveyor system and sorting stations

OFFICE OF SOLID AND HAZARDOUS WASTE P.O. BOX 44307 BATON ROUGE, LOUISIANA 70804

AN EQUAL OPPORTUNITY EMPLOYER

Page Two

3. Bailer
4. Shredder
5. "Below ground" 10,000 gallon collection tank

Facilities to be put in place or "tied" in:

1. Portable building with wash facilities (tie in to Parish water system)
2. Gate to be placed ~~near~~ <sup>NEXT TO THE</sup> entrance road to the Transfer Station
3. Conveyor belt system to the shredder
4. Draws from process areas have to be tied into collection tanks
5. "Above ground" 10,000 gallon collection tank has to be put in place and tied in
6. Incinerator and related facilities (siren, fire protection facilities, etc.) to be installed at a later date (6 months to 1 year estimated)

M.S.

**SYSTEM:**

- Page 186 Will contaminated rainfall system be tight tested to ensure system will not leak or overflow into adjacent marsh area.
- Page 22 °Empty drums must be clean before shredding. Residue left in drums may change charastic of material after it is shredded.
- Page 27 Safety Requirements Enforcement - incidents affecting the safety plan should be recorded and filed in office for review.
- Page 28 Safety Training All safety training meeting should be logged and filed for inspection.
- Page 29 Source  
What is municipal waste?
- Page 30 Storage  
"Or more than 7 days if waste contains any putrescible matter." - This is much to

Page Three

long to allow garbage to remain exposed.  
After 24 hrs. of exposure we will be  
getting calls.

Page 32 Response > have at least one person to be  
certified in CPR at facility.

GAM

APPENDIX B

Page B-1 Agreement to waive buffer seems to be for  
the burner or incinerator only.

GAM/lr

DRAFT

### PENALTY ASSESSMENT

Industrial Pipe, Inc.,  
Construction/Demolition Debris Site  
PE-075-2029  
Plaquemines Parish

The history of this Site is not good. Problems and violations to the operational and security plan have been noted and discussed in ten investigation since November 1985. Prior to November 1985, a \$50,000 penalty was assessed for operating an unauthorized open dump. A \$12,000 settlement was accepted. On June 30, 1988 a Compliance Order was issued requiring closure of the Site for repeated disposal of non-exempt waste.

The violations are considered serious for this Site is in an area of high ground water. Non-exempt wastes and a lack of adequate, frequent cover are ingredients for creating leachate. This leachate will contaminate the groundwater. Evidence of leachate has been noted at the Site.

Increased revenue is certainly realized by accepting non-exempt waste and avoiding the capital costs of preparing this Site as a permitted one. Also avoided are costs for daily cover, monitoring, etc.

It is apparent from the history of the facility that the owner is aware of problems and repeated violations, however, this apparently has no bearing on the continued method of operations.

As this construction/demolition debris Site is connected to a recycle operation near-by it is difficult to determine monetary benefits realized through non-compliance. Waste generated at the recycle facility is being disposed at the construction/demolition debris Site. Total yards disposed would be difficult to estimate.

The Site is located adjacent to a residential area. Flies are known vectors and several fly infestations were noted at the Site. The non-exempt wastes when burned have the potential to emit toxic fumes which would migrate readily to the adjacent neighbors. A strong possibility of ground water contamination exists which could migrate.

Respondent costs may be assessed from the second inspection through the Order of June 30, 1988 to include all office time spent.

11 Inspection - 1 hour each  
8 Hours June 30, 1988, Order  
10 Hours - This Order and Penalty Assessment

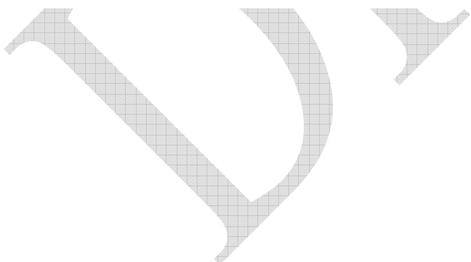
A review of the files indicate that on 11 inspections some type problem was noted at the Site. Eight were logged as violations and the other three were noted and discussed. This indicates that the Site was operating in violation for eight days.

After careful consideration of all the above stated factors, the Solid Waste Division recommends that Mr. Kenneth Stewart be charged with a Penalty in the amount of \$10,000.

CALCULATIONS:

11 days of find non-exempt waste	
10 - 40 cubic yards received each day	
3 of the 10 non-exempt waste.	
120 cubic yards for 11 days	= 1320 cubic yards
1320 cubic yards @ \$2.00	"
cubic yard	= \$2,640.00
Non-exempt waste received	"
other times	= \$2,500.00
Enforcement cost	= \$1,000.00
Service cost avoided basefee	= <u>\$1,040.00</u>
TOTAL	= \$7,180.00

Costs avoided operating as an unauthorized landfill -  
daily cover, ground water monitoring, etc. \_\_\_\_\_.



**FACT SHEET**

**Industrial Pipe, Inc.  
Construction/Demolition Debris Site  
PE-075-2029  
Plaquemines Parish**

August 5, 1985	PPN issued for \$50,000 to Kenny Stewart and Mr. M. C. Badalamenti for operation of a solid waste landfill without a permit.  The matter of the penalty was referred to the AG's office and later settled by mutual agreement of DEQ and AG for \$12,000. Assessment of penalty was issued on 10/10/86 and subsequently paid by Mr. Stewart.
October 21, 1985 (revised 11/1/85)	Operational and Security Plan submitted for construction debris woodwaste site location adjacent to the Site for which the PPN was issued.
November 6, 1985	Plan approved by the Solid Waste Division.
November 18, 1985	Initial inspection of construction debris site - <u>no violations</u> .
January 10, 1986	Inspection - non-exempt waste noted on-site (paper).
July 15, 1986	Inspection - violation of SWRR for accepting non-exempt waste, paper/cardboard. Also, noted violations of operational plan - cover, security.

February 10, 1987	Inspection - violation of SWRR for accepting unauthorized waste, i.e., small appliances, clothing, plastics, tires, paper, etc. Also, violated Operational Plan - security.
November 5, 1987	Inspection - violated SWRR for accepting non-exempt waste, i.e., office trash, tires, small amount of garbage, sewerage treatment plant grit chamber cleaning, etc. Also violated Operational Plan, litter, cover, security, record keeping.
March 7, 1988	Inspection - violation of LAC 33:VII for disposal of non-exempt waste.
June 30, 1988	Compliance Order issued for above violations.  <ol style="list-style-type: none"><li>1. Cease disposal of waste.</li><li>2. Remove all non-exempt waste.</li><li>3. Close site in accordance with Regulations.</li></ol>
November 22, 1988	Evidence of household garbage noted.
February 21, 1989	Evidence of household garbage noted.
May 9, 1989	Evidence of non-exempt waste - autoshop waste large quantities of paper waste. Exposed waste noted on completed area. Leachate noted in adjacent cell.
June 1, 1989	Excess paper noted on workface fly problem noted evidence of garbage.
July 27, 1989	Non-exempt waste noted paper, plastics, white goods, transformer, auto body parts, household garbage, clothing metal cuttings. Improper cover interval, waste being accepted after hours - inadequate records.

#### RECOMMENDATION

Issue Compliance Order requiring:

1. Immediately cease disposal of waste at the Site.
2. Close Site in accordance with regs within 60 days.

**FACT SHEET**

**Industrial Pipe, Inc.,  
Unauthorized Transfer Station  
P-075-2755  
Plaquemines Parish**

Investigations on February 10, 1987, May 22, 1987, November 5, 1987, and March 7, 1988 revealed fly and odor problems, too much waste piled up from processing, leachate problems.

**NOTE:** This operation was a trial run.

On June 15, 1988 in an enforcement conference Industrial Pipe, Inc., agreed to move operation to a covered area at a new location.

Investigations at the new location on May 9, 1989 and July 27, 1989 revealed:

1. Waste materials stored on ground causing problems, leachate runoff.
2. Very strong odors.
3. A fly problem.
4. Evidence of open burning for volume reduction.
5. Unexempt waste being received and processed.
6. Liquids leaking on ground. No wash down of equipment or area.

**RECOMMENDATION**

Issue a Order requiring:

1. Cease accepting waste.
2. Process materials in storage.
3. Clean-up facility.



State of Louisiana  
Department of Environmental Quality (N)



M.J. "MIKE" FOSTER, JR.  
GOVERNOR

June 19, 1997

J. DALE GIVENS  
SECRETARY

CERTIFIED MAIL P 531 378 127  
RETURN RECEIPT REQUESTED

Mr. Kennett Stewart  
Industrial Pipe, Inc.  
11266 Highway 23  
Belle Chasse, Louisiana 70037

RE: Compliance Order  
Industrial Pipe, Inc.  
TP-075-2029/P-0261  
Plaquemine Parish  
Log Number SE-C-97-0149

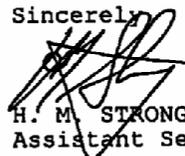
Dear Mr. Stewart:

An investigation by members of the Solid Waste Division on or about April 22, 1997, revealed that the above-referenced site is operating in violation of LAC 33:VII and the Louisiana Environmental Quality Act.

The enclosed Compliance Order cites the appropriate violation and requires specific action on your part.

Please reference the above subject lines and numbers in all correspondence relating to this matter. Should you have any questions concerning the Compliance Order, please contact Mr. Larry Baldwin, of the Northeast Regional Office, at (318)362-5439.

Sincerely,

  
H. M. STRONG  
Assistant Secretary

HMS:LB:dlt

Enclosures



OFFICE OF SOLID AND HAZARDOUS WASTE • SOLID WASTE DIVISION • P.O. BOX 92178 • BATON ROUGE, LOUISIANA 70884-2178

TELEPHONE (504) 765-0249 • FAX (504) 765-0299 • E-MAIL ADDRESS [solid@deq.state.la.us](mailto:solid@deq.state.la.us)

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STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF SOLID AND HAZARDOUS WASTE  
SOLID WASTE DIVISION

IN THE MATTER OF:

**INDUSTRIAL PIPE  
TRANSFER STATION  
TP-075-2029/P-0261  
PLAQUEMINES PARISH**

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COMPLIANCE ORDER  
LOG NUMBER SE-C-97-0148

PROCEEDINGS UNDER THE  
ENVIRONMENTAL QUALITY ACT,  
La. R.S. 30:2001, et seq.,

The following **COMPLIANCE ORDER** is issued to Industrial Pipe, Inc., Transfer Station, (Respondent) by the Louisiana Department of Environmental Quality (the Department) under authority granted by the Louisiana Environmental Quality Act (the Act), La. R.S. 30:2001, et seq., and particularly by La. R.S. 30:2025 (C) and 30:2050.2.

**FINDINGS OF FACT**

I.

Investigations by employees of the Department on or about April 22, 1997, disclosed that a solid waste disposal site known as the Industrial Pipe, Inc. Transfer Station (the Site), is being operated on property owned by the Respondent located at Section 43, Township 15 South, Range 24 East, in Plaquemines Parish.

II.

This inspection revealed that the Site is operating in violation of the Standard Permit, #P-0261, and the applicable Solid Waste Regulations. The following violations were noted:

1. Failure to prevent contaminated water from leaving site in violation of Section 1107.C.2.c.ii. of the Permit, P-0261, and LAC 33:VII.901.
2. Failure to prevent the acceptance of putrescible waste in violation of Condition #9 of the Standard Permit P-0261 and LAC 33:VII.901.
3. Failure to prevent acceptance of industrial waste, specifically, FBE Powder in violation of Section 1107.C.4.b.i. of the Permit, P-0261, and LAC 33:VII.901.
4. Failure to construct access road in accordance with Condition #7 of Standard Permit, P-0261, and the Compliance Order, Log Number SE-O-96-0060 and in violation of LAC 33:VII.901.
5. Failure to provide employees with proper safety equipment in violation of Section 1107.C.4.a.v.a. and Appendix E of the Permit, P-0261, and LAC 33:VII.901.
6. Failure to provide a 200 foot buffer zone on the south side of the facility in violation of Section 1107.C.2.A.ix. of the Permit, P-0261, and LAC 33:VII.901.
7. Failure to provide and maintain the perimeter fence in violation of Section 1107.C.2.a.ii. of the Permit, P-0261, and LAC 33:VII.901.
8. Failure to receive, store, process and dispose of waste in accordance with the facility waste management plan in violation of Section 1107.C.3.c.v. and of the Permit, P-0261, and LAC 33:VII.901.
9. Failure to control vectors in accordance with Section 1107.C.4.b.v.ii. of the Permit, P-0261, and LAC 33:VII.901.
10. Failure to provide the required one (1) four thousand (4,000) gallon tank collection of leachate and rainwater in violation of Section 1107.C.2.a.vi. of the Permit, P-0261, and LAC 33:VII.901.
11. Failure to provide one (1) ten thousand (10,000) gallon

steel tank for the collection of rainwater in violation of Section 1107.C.2.c.ii. of the Permit, P-0261, and LAC 33:VII.901.

12. Failure to collect litter daily and provide litter fence on the east side of the site in violation of 1107.C.2.a.vii. and 1107.C.3.c.v.iii. of the Permit, P-0261, and LAC 33:VII.901.
13. Failure to notify the administrative authority in advance of change in a facility or deviation from a permit in violation of LAC 33:VII.517.
14. Failure to report an Unauthorized Discharge in violation of LAC 33:VII.315.K.
15. Failure to cleanup an Unauthorized Discharged LAC 33:VII.315.L.

#### COMPLIANCE ORDER

Based on the foregoing findings of fact, the Respondent is hereby ordered:

##### I.

To cease, upon receipt of this **COMPLIANCE ORDER**, acceptance of unauthorized waste of any quantity at the Site.

##### II.

To within thirty (30) days of receipt of this **COMPLIANCE ORDER**, construct access road in accordance with Condition #7 of the Standard Permit.

##### III.

To upon receipt of this **COMPLIANCE ORDER**, provide employees with the proper safety equipment in accordance with Section 1107.C.4.a.v.a. and Appendix E.

##### IV.

To within thirty (30) days of receipt of this **COMPLIANCE ORDER**, provide documentation to the Solid Waste Division of the

two hundred (200) foot buffer zone in accordance with Section 1107.C.2.a.ix. of the Standard Permit, P-0261.

V.

To within fifteen (15) days of receipt of this **COMPLIANCE ORDER**, provide and maintain a six (6) inch chain link perimeter fence on the east side of the Site in accordance with Section 1107.C.2.a.ii. of the Standard Permit.

VI.

To upon receipt of this **COMPLIANCE ORDER**, provide a litter fence on the east side of the Site and collect litter on a daily basis in accordance with Sections 1107.C.3.c.v.iii. and 1107.C.2.a.vii. of the Standard Permit, P-0261.

VII.

To upon receipt of this **COMPLIANCE ORDER**, process stockpiled waste on tipping floor or transport to permitted solid waste facility.

VIII.

To store no more waste than can be processed in a twenty-four (24) hour period in accordance with Section 1107.C.3.c.v.

IX.

To upon receipt of this **COMPLIANCE ORDER**, waste must be stored in sealed containers or baled for temporary storage to control vectors. These containers must be cleaned after each use. Also, the entire area must be policed daily and sprayed by a licensed rodent control service at a frequency recommended by that service in accordance with Section 1107.C.4.b.vii. of the Permit.

To upon receipt of this **COMPLIANCE ORDER**, provide one (1) ten thousand (10,000) gallon steel tank for the collection of rainwater in accordance with Section 1107.C.2.c.ii. of the Permit.

XI.

To upon receipt of this **COMPLIANCE ORDER**, provide the one (1) four thousand (4,000) gallon steel tank for the collection of leachate and rainwater in accordance with Section 1107.C.2.a.vi. of the Permit.

XII.

To submit, within thirty (30) days of receipt of this **COMPLIANCE ORDER**, a plan to address the remediation of petroleum contaminated soils adjacent to mechanic shop and southwest of the Site on the adjacent property.

XIII.

To submit, within thirty (30) days of receipt of this **COMPLIANCE ORDER**, a corrective action plan and/or permit modification addressing twelve (12) inch concrete berm around the mechanic shop and the repair of the required slope of concrete pads underneath balers.

XIV.

To construct access road within thirty (30) days of receipt of this **COMPLIANCE ORDER**, in accordance with Condition #7 of Standard Permit, P-0261, and the Compliance Order, Log Number SE-0-96-0060.

XV.

To report and unauthorized discharge in accordance with LAC  
33:VII.315.K.

**RESPONDENT SHALL FURTHER BE ON NOTICE THAT:**

XVI.

The Respondent has a right to an adjudicatory hearing on a  
disputed issue of material fact or of law arising from this  
**COMPLIANCE ORDER**. This right may be exercised by filing a written  
request with the secretary no later than thirty (30) days after  
receipt of this **COMPLIANCE ORDER**.

XVII.

The request for adjudicatory hearing shall specify the  
provisions of the **COMPLIANCE ORDER** on which the hearing is  
requested and shall briefly describe the basis for the request.  
This request should reference the number which is located in the  
upper right hand corner of the first page of this document and  
should be directed to the following:

Louisiana Department of Environmental Quality  
Office of Legal Affairs and Enforcement  
Attention: Barry Brooks  
Post Office Box 82282  
Baton Rouge, Louisiana 70884-2282

XVIII.

Upon Respondent's timely filing a request for a hearing, a  
hearing on the disputed issue of material fact or of law regarding  
this **COMPLIANCE ORDER** may be scheduled by the Secretary of the  
Department. The hearing shall be governed by the Act, the  
Administrative Procedure Act (La. R.S. 49:950, et seq.), and the  
Department's Rules of Procedure. The Department may amend or  
supplement this **COMPLIANCE ORDER** prior to the hearing, after

providing sufficient notice and an opportunity for the preparation of a defense for the hearing.

XIX.

This COMPLIANCE ORDER shall become a final enforcement action unless the request for hearing is timely filed. Failure to timely request a hearing constitutes a waiver of Respondent's right to a hearing on a disputed issue of material fact or of law under Section 2050.4 of the Act for the violations described herein.

XX.

Respondent's failure to request a hearing or to file an appeal or Respondent's withdrawal of a request for hearing on this COMPLIANCE ORDER shall not preclude Respondent from contesting the findings of facts in any subsequent penalty action addressing the same violations, although Respondent is estopped from objecting to this COMPLIANCE ORDER becoming a permanent part of its compliance history.

XXI.

Civil penalties of not more than twenty-five thousand dollars (\$25,000.00) for each day of violation for the violation(s) described herein may be assessed. Respondent's failure or refusal to comply with this COMPLIANCE ORDER and the provisions herein will subject Respondent to possible enforcement procedures under La. R.S. 30:2025, which could result in the assessment of a civil penalty in an amount of not more than fifty thousand dollars (\$50,000.00) for each day of continued violation or noncompliance.

XXII.

For each violation described herein, the Department reserves the right to seek civil penalties in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek penalties.

This COMPLIANCE ORDER is effective upon receipt.

Baton Rouge, Louisiana, this 19 day of June, 1997.

  
\_\_\_\_\_  
H. M. STRONG  
ASSISTANT SECRETARY  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Please serve Respondent through its agent for service of process:

Mr. Kennett Stewart  
Industrial Pipe, Inc.  
11266 Highway 23  
Belle Chasse, Louisiana 70037

Copies of a request for hearing and/or related correspondence should be sent to:

Mr. Monroe F. Penrod  
Enforcement Program Manager  
Department of Environmental Quality  
Solid Waste Division  
Post Office Box 82178  
Baton Rouge, Louisiana 70884-2178

## **Tulane Environmental Law Clinic**

6329 Freret Street  
New Orleans, Louisiana 70118-5670  
(504) 865-5789  
FAX (504) 862-8721

REC'D  
SEP 23 1997

Y  
FA #515

La. Dept. of Env.  
Office of Solid & Hazardous Waste  
September 16, 1997

Via Certified Mail: P 570 307 417  
By Fax: 504-765-0222

Mr. Gustave Von Bodungen  
Assistant Secretary  
Office of Air Quality  
Louisiana Department of Environmental Quality  
P.O. Box 82135  
Baton Rouge, LA 70884-2135

RE: Air Permit No. 2240-00047-02, Riverside Recycling & Disposal,  
Industrial Pipe Company, Belle Chase, Plaquemines Parish, Louisiana

Dear Mr. Von Bodungen:

Thank you for informing the Tulane Environmental Law Clinic and the citizen groups that we represent of the request by Riverside Recycling and Disposal/Industrial Pipe, Inc. ("IP") for an extension to the time limits of General Condition IV of Air Permit No. 2240-00047-02. The Oakville Community Action Group, Cedar Grove Community Group, Jesuit Bend Civic Association, Louisiana Environmental Action Network ("LEAN"), Gulf Coast Commercial Fisherman's Coalition, and Protecting Ecological and Environmental Resources ("PEER") ("citizen groups") express their strong opposition to any time extension to the above mentioned permit. The citizen groups again restate their belief that Air Permit No. 2240-00047-02 has been invalid for some time. In spite of this, numerous extensions and modifications have been granted to the permit holder over the years.

You mentioned in your letter of March 10, 1997 to Andree Jacques and Roberto Rios regarding Air Permit No. 2240-00047-02 that a solid waste permit is required for the construction and operation of an incinerator and that the application was submitted and is being processed. The air permit was issued on July 1, 1987 and expired on July 1, 1989 in accordance with the time limits of General Condition IV of the permit. General Condition IV requires the source to commence construction within the two-year time limit or the permit expires. IP did not apply for a solid waste permit until December 1,

*A Program of Tulane University School of Law*



State of Louisiana  
Department of Environmental Quality



PF

M.J. "MIKE" FOSTER, JR.  
GOVERNOR

J. DALE GIVENS  
SECRETARY

To: William J. Mollere  
Administrator  
Solid Waste Division

From: Janice F. Dickerson *JFD*  
Community-Industry Relations Coordinator  
Office of the Secretary

Date: 24 July 1998

Re: Environmental Justice Evaluation  
Industrial Pipe, Inc.  
TPR:075-2029/PA# 515-  
Plaquemines Parish

I am in receipt of your memorandum dated July 22, 1998, regarding the above-referenced matter.

It is the responsibility of your staff to obtain environmental justice information relative to any permit. Any information that your staff has obtained relevant to environmental justice matters ought to be addressed and evaluated by your staff prior to any permit decision being rendered. For example, during the public hearing, zoning became an environmental justice issue. Have the local zoning requirements been checked to determine whether the permit applicant meets all local zoning requirements? In addition, during the evaluation process, what steps did your staff take to address allegations that signatures agreeing to a waiver of buffer zone requirements were obtained fraudulently? If any investigation into these issues has not yet been conducted, the Community-Industry Relations Group would be happy to work with Thea Johnson or any other staff member to address and evaluate these issues.

Finally, the demographic information that Thea Johnson has provided makes no sense from an environmental justice perspective because the EPA's *Interim Guidance for Addressing Title VI Administrative Complaints* looks at racial demographics, various radii, and other existing facilities in the area. Ms. Johnson is only using a 3-mile radius which would automatically be flawed if one were to follow the *Interim Guidance*. Also, the racial composition of the surrounding communities appears not to have been considered.

If you have any questions, please feel free to contact me.

cc: James J. Friloux

RECEIVED

JUL 24 1998

Dept. of Environmental Quality  
Solid Waste Division



OFFICE OF THE SECRETARY P.O. BOX 82263 BATON ROUGE, LOUISIANA 70884-2263  
TELEPHONE (504) 765-0741 FAX (504) 765-0746  
AN EQUAL OPPORTUNITY EMPLOYER



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF WASTE SERVICES  
SOLID WASTE DIVISION

IN THE MATTER OF: \*

INDUSTRIAL PIPE, INC. \*

TRANSFER STATION \*

TP-075-2029/P-0261 \*

CFIS #14689 \*

PLAQUEMINES PARISH \*

AMENDED COMPLIANCE ORDER \*

Log Number SE-C-97-0149A \*

PROCEEDINGS UNDER THE \*

ENVIRONMENTAL QUALITY ACT, \*

La. R.S. 30:2001, et seq., \*

**AMENDED COMPLIANCE ORDER**

The Louisiana Department of Environmental Quality (the Department) hereby amends the Compliance Order issued to Industrial Pipe, Inc. (Respondent) on June 19, 1997, in the above-captioned matter as follows:

1.

The Department hereby amends Paragraph XIII of the Compliance Order Section of the Compliance Order to read as follows:

I.

To remove, upon receipt of this **COMPLIANCE ORDER**, the petroleum contaminated soils adjacent to the mechanic shop and southwest of the Site on the adjacent property to a landfill permitted to accept this waste. Provide the Department with the receipts showing disposal of these soils.

2.

The Department incorporates all of the remainder of the original Compliance Order, SE-C-97-0149 (Log Number), as if reiterated herein.

This **AMENDED COMPLIANCE ORDER** is effective upon receipt.

Done at Baton Rouge, Louisiana, this 25 day  
of June, 1999.

*James H. Brent*

James H. Brent, Ph.D.  
Assistant Secretary  
Department of Environmental Quality



Please serve Respondent through its agent for service of process:

Mr. Kennett Stewart  
Industrial Pipe, Inc.  
11266 Highway 23  
Belle Chasse, Louisiana 70037

Copies of a request for hearing and/or related correspondence should be sent to:

Mr. Monroe F. Penrod  
Enforcement Program Manager  
Department of Environmental Quality  
Solid Waste Division  
Post Office Box 82178  
Baton Rouge, Louisiana 70884-2178

DRAFT

**Industrial Pipe Inc**

11266 Highway 23  
Belle Chasse, Louisiana 70037  
(504) 656-2232

RECEIVED

JUL 13 1999

Dept of Environmental Quality  
Solid Waste Division

*Fill  
Wanda  
NO*

July 7, 1999

CERTIFIED MAIL Z 300 630 842  
Return Receipt Requested

Mr. Monroe F. Penrod  
Enforcement Program Manager  
Department of Environmental Quality  
Solid Waste Division  
P.O. Box 82178  
Baton Rouge, La. 70884-2178

RE: Amended Compliance Order  
Industrial Pipe, Inc.  
Transfer Station  
TP-075-2029/P-0261  
CFIS #14689  
Plaquemines Parish  
Log Number SE-C-97-0149A

Dear Mr. Penrod:

Enclosed are delivery tickets, laboratory tests and receipts  
for the petroleum contaminated soils adjacent to the mechanic  
shop. Please let me know if this is sufficient.



Mark Milnar  
Industrial Pip, Inc.

MM/avd



JFH-07-1998 15:25

CENTRAL

16017950729 P.03



**TransAmerican Waste Industries, Inc.**  
 An Environmental Solutions Company

TWI  
 Profile No. 10190

**NONHAZARDOUS INDUSTRIAL & SPECIAL WASTE PROFILE**

WASTE APPROVAL REQUEST	
(For TWI Use) TWI Initiator: <u>Tommy Whitfield</u>	Action Requested: <input checked="" type="checkbox"/> New Waste Approval; <input type="checkbox"/> Up-Date Approval
Telephone: <u>(601) 795-2500</u>	Disposal Site: <u>Central Landfill</u>
Fax: <u>(601) 795-0729</u>	Physical Address: <u>8080 Highway 11 North</u>
Request Date: <u>1/2/98</u>	City / State / Zip: <u>McNeill, MS 39457</u>

**1. GENERATOR INFORMATION**

**IMPORTANT:** INFORMATION FOR PHYSICAL COMPLETION OF THIS FORM MUST BE OBTAINED FROM AN AUTHORIZED REPRESENTATIVE OF THE WASTE GENERATOR. THIS FORM IS TO BE USED ONLY ONE TIME, AND MUST BE TYPEWRITTEN OR LEGIBLY PRINTED IN INK AND SIGNED BY THE GENERATOR OR AUTHORIZED REPRESENTATIVE.

a) Generator's Name: <u>Riverside Recycling</u>	<u>Billing Information</u>
b) Gen. Facility Address: <u>11266 Hwy 23</u>	Customer's Name: <u>Riverside Recycling and Disposal</u>
City: <u>Belle Chasse</u> State: <u>LA</u> Zip: <u>70037</u>	Billing Address: <u>11266 Hwy 23</u>
c) U.S. EPA ID#: _____	<u>Belle Chasse, LA 70037</u>
d) Generator's Representative: <u>MARK MILWAH</u>	Billing Contact: <u>MARK MILWAH</u>
Title: <u>Superintendent</u>	Telephone: <u>504-656-2232</u>
Telephone: <u>504-656-2232</u>	Fax: <u>504-656-7607</u>
Fax: <u>504-656-7607</u>	

**2. GENERAL WASTE STREAM INFORMATION**

a) Name/Description of Waste: \_\_\_\_\_

b) Describe Process Generating the Waste: oil spill

c) Is this waste a characteristically hazardous waste as per 40 CFR 261.21-24?  Yes  No  N/D

d) Is this waste a F,K,P, or U listed hazardous waste as per 40 CFR 261.32-33?  Yes  No  N/D

e) Is this waste a treatment residue of a waste which was previously a characteristically hazardous waste?  
 Yes  No  N/D If yes, describe treatment and the 40 CFR reference code for treatment \_\_\_\_\_

f) Is this a "Hazardous waste" as defined by State or Local regulations?  Yes  No  N/D

g) Recommended personal protective equipment and special handling procedures: \_\_\_\_\_

h) Anticipated Volume: 20  Cubic Yards  Tons  Gallons  Drums  Linear Feet  
 Per  Week  Month  Quarter  Year  One-Time  Total Job

JAN-07-1998 15:26

CENTRAL

16017950724 P.04

TWI Profile No. 10190

**3. WASTE PROPERTIES**

- a) Physical State:  Solid  Semi-solid  Powder  Free Liquid  Combination
- b) Reactivity:  Water Reactive  Acid Reactive  Alkaline Reactive  Oxidizer  Autopolymerizable  
 Pyrophoric  Explosive  Thermally Sensitive  Shock Sensitive  NONE OF THE ABOVE
- c) Flash Point in Degrees Fahrenheit:  <72  73-100  101-140  141-200  >201  N/A  N/D
- d) pH:  <2.0  2.1-5.0  5.1-9.0  9.1-12.4  >12.6  N/A  N/D
- e) Odor - describe: \_\_\_\_\_  
 None  Mild  Strong

**4. WASTE COMPOSITION**

<p>Does the waste contain any of the following:</p> <p><input type="checkbox"/> Free Cyanide</p> <p><input type="checkbox"/> Free Sulfide</p> <p><input type="checkbox"/> Organic Solvents</p> <p><input type="checkbox"/> OSHA Substances</p> <p><input type="checkbox"/> Radioactive Materials</p> <p><input type="checkbox"/> Virgin Oils</p> <p><input checked="" type="checkbox"/> Used Oils</p> <p><input type="checkbox"/> PCB's not regulated by TSCA 40 CFR 761</p> <p><input type="checkbox"/> NONE OF THE ABOVE</p> <p><small>If any of the above are checked, it must be listed in the components / contaminants at right</small></p>	<p>Please provide a list of components that make up the waste.                  (Example: Soils 85-95%; used engine oil 3-5%, vegetation 5-10%; ect )</p> <table border="1"> <thead> <tr> <th>COMPONENTS / CONTAMINANTS</th> <th>RANGE(%)</th> </tr> </thead> <tbody> <tr> <td>Soils</td> <td>94%+</td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p><small>Attach additional sheet if necessary. (Total must equal 100%)</small></p>	COMPONENTS / CONTAMINANTS	RANGE(%)	Soils	94%+														
COMPONENTS / CONTAMINANTS	RANGE(%)																		
Soils	94%+																		

**5. TRANSPORTER INFORMATION**

If the waste is a DOT Hazardous Material, complete the following:

Proper USDOT Shipping Name: \_\_\_\_\_

USDOT Hazard Class: \_\_\_\_\_ Un or NA Number: \_\_\_\_\_ CERCLA Reportable Quantity \_\_\_\_\_

**6. GENERATOR'S CERTIFICATION**

I, the undersigned, hereby certify that the above information is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of the composition or properties exist, that all known or suspected hazards have been disclosed, analytical results submitted are accurate and representative of the waste, and that the waste is not a regulated hazardous waste by the USEPA, by any applicable State authority, or by any applicable local authority, and does not contain PCB's regulated by TSCA (i.e., 40 CFR 761) or any authority.

GENERATOR'S AUTHORIZED SIGNATORY: \_\_\_\_\_ Date 1-9-98

MARK MILANAR Mark Milanar Superintendent  
 Print Name Signature Title







316 Mecca Drive  
 Lafayette, LA 70508-3306  
 Telephone (318) 235-0483

**SHERRY LABORATORIES**

INDIANA LOUISIANA OKLAHOMA

PO Box 81816  
 Lafayette, LA 70598-1816  
 Fax 318-233-6540  
 800-737-2378

Page 3

LAB I.D. 9712537-01A James Laboratories DATE REPORTED: 01/02/98

SAMPLE DESCRIPTION SOIL  
 DATE COLLECTED: \_\_\_\_\_

*Ray Landry*

LABORATORY REPRESENTATIVE  
 SHERRY LABORATORIES LA

<u>ANALYTE</u>	<u>ANALYST INITIALS</u>	<u>DATE ANALYZED</u>	<u>REFERENCE METHOD</u>	<u>DETECTION LIMIT</u>	<u>CONCENTRATION PPM</u>
BENZENE	SF	12/31/97	SW846-8020	0.050 ppm	BDL
TOT. PETROLEUM HYDROCARBON	JG	12/30/98	EPA 418.1M	10 ppm	122

DRY

**Background Info Found In Permit Application  
Waste Transfer Station – LDEQ Disk Pg 9  
August 1990**

**BACKGROUND**

The Oakville Landfill has been operated by the current Owner/Operator, Mr. Kennett Stewart, as a construction debris landfill since 1985. In early 1987, at the request of commercial and industrial customers, Mr. Stewart, dba as Industrial Pipe, Inc., secured a permit to establish a paper reclamation facility and in 1988 a permit was issued to install and operate an incinerator to dispose of burnable construction debris. Prolonged negotiations to purchase the site, it had been leased, delayed the installation of the incinerator which is now expected to be in operation by March 1990.

To solve numerous operating difficulties which had been noted by DEQ inspectors, a conference was held with DEQ officials and Mr. Manny Fernandez, Industrial Pipe's new legal counsel. Included in the decisions reached at this conference was the need to acquire a permit to operate a Transfer Station at the site to allow the processing (baling), if feasible, and temporary storage until quantities permitted economical transport to a disposal facility permitted for the waste involved of materials arriving in loads received for reclamation which could not be handled for economical or permit reasons and for materials arriving in loads of construction debris which could not be incinerated or landfilled due to permit restrictions.

A Solid Waste Permit to operate a Transfer Station on the site is the subject of this application.

iv

backgrou.rpt/8-8-90/bbd

## 5.2. Additional Environmental Record Sources

USACE MVN requested all files applicable to the subject *Site* landfill from the Louisiana Department of Environmental Quality (LDEQ). The subject *Site* was chosen for State records research based on evidence of active and historical landfills noted to exist on or in the vicinity of the *Site*. LDEQ provide extensive records of activities associated with the recycling and construction & demolition debris landfills in the vicinity of the site. However, limited records were provided, or are available, for the historical municipal landfill LDEQ officials reported to be located in the vicinity of northern leg of the proposed levee alignment.

LDEQ's Record Section has an electronic data management system (EDMS) that maintains files related to the management of environmental activities in the State of Louisiana. LDEQ's Record Section copied all files in their EDMS and sent 3 CDs containing these files to USACE-NOD on June 15, 2006 (Appendix C-1). Accordingly, the document query made on Industrial Pipe, Inc. or IPI (Agency Interest Number or AI#A114689) revealed more than 1400 files from 1983 (earliest recorded file) thru May 2006.

Document query results made on June 12, 2006 at LDEQ's Record Section on solid wastes for the **period from January 2000 thru May 2006** yield 246 files with document type including LDEQ internal memos or notes or meetings; correspondence; permits, permit modification, reference materials and permit related public notice; surveillance inspection, incident and assessment reports; financial invoice; enforcement compliance notice; legal material related to complaints; annual reports, etc. (see Appendix C-2). A global document query result specific on hazardous wastes yield 39 files during the period from August 13, 1995 thru October 16, 2003 (see Appendix C-3). Document types query on hazardous waste media reveal correspondence sent and received; internal memos or notes; enforcement inspection reports and reference materials; legal-related enforcement materials; and enforcement EPA inspection materials.

A cursory review of the various LDEQ files indicated that complaints on IPI and its subsidiaries (e.g. Riverside Recycling & Disposal) filed by individuals and groups with LDEQ can be grouped into: operational (facility categorization Type II A or Type III) and environmental (wastes types and discharges). LDEQ's Surveillance inspections and Enforcement actions are centered towards these two general complains. IPI responses on file addressed these complains. Significant items related to the construction objective of this Phase I ESA (i.e. proposed alignment for hurricane protection levee construction from Hero to Oakdale) are listed below:

1. IPI operates both a Construction/Demolition Debris/Woodwaste Landfill (C&D Landfill)
2. Initial Standard Permit, P-0261, issued by LDEQ to IPI on August 1991 requires IPI to maintain a 200' buffer zone. IPI maintains a 200' buffer zone around the facility except on the south where the buffer zone is at 95 feet. Based on LDEQ new regulations in 1993, sites operating under the Standard Permit is re-classified

Such as TAP?  
THIS SITE

as a Type II-A facility. On May 1999, to address the buffer zone issue, IPI applied for modification of their operation. After several modifications, settlement agreement with LDEQ conditions and challenges from Oakville plaintiffs, IPI eventually granted a reclassification by LDEQ from Type II-A Transfer Station to a Type III Separation facility on January 2004, with revised conditions on August 2004. This re-categorization was affirmed by the Louisiana Court of appeals on May 2006. Type III categorization only requires a 50 foot buffer station.

3. Selected IPI compliance history from 1989 thru 2000 is listed in Appendix C-4 including various unauthorized waste classified as industrial wastes as well as municipal garbage, commercial and residential. LDEQ Enforcement Division memo dated 19 August 2005 likewise provide inspections notes on November 2002 and June 2003 in Appendix C-5. List of files also include IPI response to complaints as well as compliance efforts and resolutions of issues with LDEQ.

E-mail correspondence and teleconference with LDEQ Waste Permits Division are summarized in Appendix C-6. Significant during this discussion is LDEQ's response to USACE request on foot prints of current and historical landfills at the site and on listing LDEQ's environmental issues with regards to the proposed May 2006 hurricane protection levee alignment at and around the IPI site. In summary, based on discussions and LDEQ's response letter to USACE's inquiry (Enclosure C-7), LDEQ has environmental issue on sheet pile driving (for floodwalls) thru wastes as well as footprints of historical landfills at the site prior to their regulations in 1983 are essentially murky. LDEQ suggests confirmatory investigation along the proposed May 2006 levee alignment because of several unknowns (e.g. footprint of historical landfills).

APPENDIX C (to be scanned, except for LDEQ CDs):

C-1: LDEQ's Record Section electronic data management system (EDMS) files: 3 CDs

C-2: Document query results, January 2000 thru May 2006, Media: Solid Waste.

C-3: Document query results, January 2000 thru May 2006, Media: Hazardous Waste.

C-4: Selected IPI compliance history from 1989 thru 2000

C-5: LDEQ Enforcement Division inspection memo dated 19 August 2005

C-6: E-mail correspondence and teleconference with LDEQ Waste Permits Division

C-7: LDEQ letter dated \_\_ June 2006.

**Information About Your CD**

Each CD contains instructions on how to load the Reader onto your PC, as well as a copy of the Louisiana Department of Environmental Quality's Public Records Request Form. The Reader allows you to browse, query, make zoom and print the documents from your CD.

Your CD also contains instructions on how to load the Reader onto your PC, as well as a copy of the Louisiana Department of Environmental Quality's Public Records Request Form.

The Reader software automatically loads on your PC. However, if you are required to load the Reader manually, follow these simple instructions below:

1. Right-click the CD icon under "My Computer" to open the CD.
2. Select "Open" and click.
3. Select "Run" and click.

**Note:** The CD Reader is not yet compatible with a Macintosh computer.

If you have any questions or problems please contact Kaneka Marks, ASG Public Records Technician, at (225) 219-3177 or email [kaneka.mark@deq.louisiana.gov](mailto:kaneka.mark@deq.louisiana.gov)

Most computers automatically load the program onto your PC. But in some cases, you may be required to manually load it yourself. Before loading the CD, check to make sure that your computer meets the minimum system requirements for the Reader:

- Pentium 133 MHz
- Microsoft Windows 95/98 or NT 4.0 with Service Pack 5 or later
- 22 MB Memory
- 101 MB available hard disk storage
- Mouse or compatible pointing device
- VGA display at 640 x 600
- CD-ROM Reader
- Internet Explorer 4.0 or greater

Louisiana Department of Environmental Quality  
PUBLIC RECORDS REQUEST  
[www.deq.louisiana.gov/pr/records](http://www.deq.louisiana.gov/pr/records)



This CD contains the records responsive to your public records request.

**RECORDS MANAGEMENT**

Louisiana Department of Environmental Quality  
Records Management  
P.O. Box 4303  
Baton Rouge, LA 70821-4303  
Phone: (225) 219-3172  
Email: [publicrecords@deq.gov](mailto:publicrecords@deq.gov)

CD 1-1271-22005

**0200 Recipients Copy**

**4a Express Package Service**  
 FedEx Priority Overnight  
 FedEx Standard Overnight  
 FedEx 2Day Freight  
 FedEx 3Day Freight  
 FedEx 4Day Freight  
 FedEx 5Day Freight  
 FedEx Home Delivery

**4b Express Freight Service**  
 FedEx Freight  
 FedEx Freight Economy  
 FedEx Freight Priority  
 FedEx Freight Economy Plus

**5 Shipping**  
 FedEx Signature  
 FedEx Signature Release  
 FedEx Signature Release (Signature Required)  
 FedEx Signature Release (Signature Not Required)  
 FedEx Signature Release (Signature Not Required - Signature Required)

**6 Special Handling**  
 Fragile  
 Hazardous  
 Perishable  
 Live Animals  
 High Value  
 Restricted  
 Other

**7 Payment**  
 Cash  
 Check  
 Credit Card  
 Bill of Sale  
 Bill of Lading  
 Bill of Exchange  
 Bill of Sale  
 Bill of Lading  
 Bill of Exchange

**8 Release Signature**  
 Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

**FedEx USA Airbill** 843660124346

**1 From**  
 Recipient: Kaneka Marks  
 Company: DEQ  
 Address: 1400 Leake Avenue  
 City: New Orleans, LA 70118-3451

**2 Your Important Billing Reference**  
 Reference: 1400 Leake Avenue  
 City: New Orleans, LA 70118-3451

**3 To**  
 Recipient: George C. Escuta  
 Company: USACE New Orleans District  
 Address: 1400 Leake Avenue  
 City: New Orleans, LA 70118-3451

**4 Recipient's Billing Reference**  
 Reference: 1400 Leake Avenue  
 City: New Orleans, LA 70118-3451

**5 Tracking Information**  
 Tracking Number: 843660124346

446



EDMS Search Form FAQ Help Feedback Download Viewer Install PDF Printer

Document Query Result

View Selected Items    Reset    Print    Export as Text    Refine Search

Result Count=246, Page 1 of 1    Go to 1

No.	Doc ID	AI ID	Doc Type	SubDoc Type	Date	Description	Media	Division	TEMP Activity
1	10062911	14689	Correspondence-Internal	Note/Memo	1/18/2000		Solid Waste		
2	10062908	14689	Correspondence-Received		1/20/2000		Solid Waste		
3	10062907	14689	Correspondence-Internal	Note/Memo	1/25/2000		Solid Waste		
4	10062903	14689	Correspondence-Received		1/26/2000		Solid Waste		
5	10062900	14689	Correspondence-Internal	Note/Memo	1/28/2000		Solid Waste		
6	10062895	14689	Permits		2/4/2000		Solid Waste		
7	10062974	14689	Correspondence-Internal	Note/Memo	2/9/2000		Solid Waste		
8	10062867	14689	Permits		2/16/2000		Solid Waste		
9	10062876	14689	Permits		2/16/2000		Solid Waste		
10	10062885	14689	Permits		2/16/2000		Solid Waste		
11	10062862	14689	Correspondence-Received		2/17/2000		Solid Waste		
12	10062866	14689	Correspondence-Internal	Note/Memo	2/17/2000		Solid Waste		
13	21792165	14689	Correspondence-Sent		2/29/2000		Solid Waste	Permits	
14	19167559	14689	Correspondence-Sent		2/29/2000		Solid Waste	Permits	
15	14347548	14689	Correspondence-Sent		3/1/2000		Solid Waste		

16		10062853	14689	Correspondence-Received			3/1/2000		Solid Waste	
17		10063265	14689	Correspondence-Sent			3/1/2000		Solid Waste	
18		10063269	14689	Correspondence-Sent			3/1/2000		Solid Waste	
19		10062844	14689	Correspondence-Internal	Note/Memo		3/15/2000		Solid Waste	
20		10062846	14689	Correspondence-Internal	Note/Memo		3/15/2000		Solid Waste	
21		10063340	14689	Permits			5/3/2000		Solid Waste	
22		19188995	14689	Permits			5/3/2000		Solid Waste	Permits
23		10884869	14689	Correspondence-Received			5/19/2000		Solid Waste	
24		11197443	14689	Reports	Inspection		6/26/2000		Solid Waste	
25		21390769	14689	Reports			7/13/2000		Solid Waste	Environmental Assistance
26		21393679	14689	Reports			7/13/2000		Solid Waste	Environmental Assistance
27		11433981	14689	Reports			7/13/2000		Solid Waste	
28		12414786	14689	Reports	Inspection		8/29/2000		Solid Waste	
29		14113080	14689	Correspondence-Received			10/9/2000		Solid Waste	
30		13776851	14689	Reports	Inspection		10/12/2000		Solid Waste	
31		14404080	14689	Financial	Invoice		10/31/2000		Solid Waste	
32		14404622	14689	Financial			11/28/2000		Solid Waste	
33		15355581	14689	Correspondence-Received			12/13/2000		Solid Waste	
34		17124286	14689	Reports	Inspection		2/9/2001		Solid Waste	
35		17124289	14689	Reports	Inspection		2/9/2001		Solid Waste	
36		30603244	14689	Permits	Modifications		4/23/2001		Solid Waste	Permits
37		19167543	14689	Correspondence-Received			4/23/2001		Solid Waste	Permits

38		18609694	14689	Reports	Inspection	5/17/2001	Solid Waste	
39		21820885	14689	Correspondence-Sent		5/30/2001	Solid Waste	Permits
40		20592405	14689	Reports		6/1/2001	Solid Waste	Financial Services
41		20595893	14689	Reports		6/30/2001	Solid Waste	Financial Services
42		29458778	14689	Reports		7/1/2001	Solid Waste	Permits
43		19551860	14689	Permits		7/5/2001	Solid Waste	Permits
44		20594836	14689	Reports		7/19/2001	Solid Waste	Financial Services
45		19937343	14689	Financial		7/27/2001	Solid Waste	Financial Services
46		20364426	14689	Correspondence-Received		7/31/2001	Solid Waste	Permits
47		20406029	14689	Correspondence-Received		7/31/2001	Solid Waste	Permits
48		21117572	14689	Correspondence-Received		8/8/2001	Solid Waste	Permits
49		20421664	14689	Permits		8/14/2001	Solid Waste	Permits
50		20450729	14689	Permits		8/14/2001	Solid Waste	Permits
51		20450730	14689	Permits		8/14/2001	Solid Waste	Permits
52		20386824	14689	Financial	Invoice	8/31/2001	Solid Waste	Financial Services
53		20862672	14689	Reports	Inspection	10/5/2001	Solid Waste	Surveillance
54		21117588	14689	Correspondence-Received		11/1/2001	Solid Waste	Permits
55		21324009	14689	Reports	Inspection	11/16/2001	Solid Waste	Surveillance
56		21324072	14689	Reports	Inspection	11/16/2001	Solid Waste	Surveillance
57		21418268	14689	Correspondence-Sent		12/7/2001	Solid Waste	Permits
58		21933050	14689	Correspondence-Sent		2/21/2002	Solid Waste	Permits
			14689	Correspondence-		3/1/2002	Solid Waste	Permits

59	 29373316	Received							
60	 22114908	14689 Permits			3/15/2002		Solid Waste	Permits	
61	 22174465	14689 Legal			3/21/2002		Solid Waste	Permits	
62	 22419116	14689 Reports	Inspection		3/27/2002		Solid Waste	Surveillance	
63	 22419120	14689 Reports	Inspection		3/27/2002		Solid Waste	Surveillance	
64	 32020644	14689 Correspondence-Received	Green Cards		5/30/2002	Green cards; 7000 1670 0012 4137 8810	Air Quality; Hazardous Waste; Solid Waste; Surface Water; Multi- Media	Permits	
65	 27964613	14689 Reports	Reference Materials		6/1/2002	Photographs	Solid Waste	Permits	
66	 29496717	14689 Reports	Reference Materials		6/1/2002	Photographs	Solid Waste	Permits	
67	 24666007	14689 Reports	Inspection		6/3/2002		Solid Waste	Surveillance	
68	 22848552	14689 Correspondence-Received			6/18/2002		Solid Waste	Financial Services	
69	 22848549	14689 Financial			7/2/2002		Solid Waste	Financial Services	
70	 23766713	14689 Reports			7/30/2002		Solid Waste	Financial Services	
71	 23766845	14689 Reports	Incident		9/6/2002	Incident Report	Solid Waste	Surveillance	
72	 23734713	14689 Permits			9/17/2002		Solid Waste	Permits	
73	 32310627	14689 Correspondence-Received			10/24/2002	10/24/02: request for classification	Solid Waste	Permits	
74	 34231403	14689 Reports	Inspection		11/8/2002	11/8/02	Solid Waste	Surveillance	INS200
75	 26105651	14689 Reports	Inspection		11/8/2002		Solid Waste	Surveillance	
76	 26922338	14689 Reports	Inspection		11/8/2002		Solid Waste	Surveillance	
77	 25025495	14689 Legal			12/23/2002		Solid Waste	Permits	
78	 25763932	14689 Compliance	Notice		12/30/2002		Solid Waste	Enforcement	

79	25514954	14689	Correspondence-Received	Green Cards	1/13/2003	70020460000136587906	Solid Waste	Enforcement
80	25788425	14689	Correspondence-Received	Green Cards	1/13/2003	70020460000136587906	Solid Waste	Enforcement
81	25767837	14689	Correspondence-Received		2/10/2003		Solid Waste	Enforcement
82	26124391	14689	Reports	Incident	3/13/2003	Incident Report	Solid Waste	Surveillance
83	26732133	14689	Correspondence-Internal	Meeting	5/6/2003		Solid Waste	Permits
84	27136379	14689	Correspondence-Internal	Meeting	5/6/2003		Solid Waste	Permits
85	27051521	14689	Permits		5/21/2003		Solid Waste	Permits
86	27051432	14689	Correspondence-Received	Green Cards	5/27/2003	70010320000287894179	Solid Waste	Permits
87	28073739	14689	Reports		6/1/2003	Disposer Annual Report	Solid Waste	Financial Services
88	27051542	14689	Permits		6/2/2003		Solid Waste	Permits
89	27051547	14689	Permits		6/2/2003		Solid Waste	Permits
90	29577009	14689	Reports	Reference Materials	6/14/2003	Maps	Solid Waste	Permits
91	27433778	14689	Permits		6/20/2003		Solid Waste	Permits
92	29287298	14689	Permits		6/20/2003		Solid Waste	Permits
93	29466358	14689	Permits		6/20/2003		Solid Waste	Permits
94	29466382	14689	Permits		6/20/2003		Solid Waste	Permits
95	29466383	14689	Permits		6/20/2003		Solid Waste	Permits
96	29576942	14689	Correspondence-Received		6/24/2003		Solid Waste	Permits
97	29576948	14689	Correspondence-Internal	Meeting	6/24/2003		Solid Waste	Permits
98	34232809	14689	Reports	Inspection	6/26/2003	6/26/03	Solid Waste	Surveillance
99	28035255	14689	Reports	Inspection	6/26/2003		Solid Waste	Permits
						Solid Waste Processor Annual Report For July 1,		Financial

0725 11/11/03  
 M. Shady  
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100	<input type="checkbox"/>	28174348	14689	Reports		6/30/2003	2002 Through June 30, 2003	Solid Waste	Services
101	<input type="checkbox"/>	29666155	14689	Correspondence-Received		7/10/2003		Solid Waste	Permits
102	<input type="checkbox"/>	29576951	14689	Permits		7/18/2003		Solid Waste	Permits
103	<input type="checkbox"/>	29577038	14689	Correspondence-Received		7/21/2003		Solid Waste	Permits
104	<input type="checkbox"/>	29663706	14689	Reports		7/25/2003	Additional Information	Solid Waste	Permits
105	<input type="checkbox"/>	29664381	14689	Reports		7/25/2003	Additional Information	Solid Waste	Permits
106	<input type="checkbox"/>	27919939	14689	Permits		8/1/2003	Permit Application Type III Construction/Demolition Debris Facility	Solid Waste	Permits
107	<input type="checkbox"/>	27920075	14689	Permits		8/1/2003	Permit Application Type III Construction/Demolition Debris Facility Section 2	Solid Waste	Permits
108	<input type="checkbox"/>	28097643	14689	Correspondence-Sent		8/7/2003		Solid Waste	Permits
109	<input type="checkbox"/>	27926907	14689	Permits		8/18/2003		Solid Waste	Permits
110	<input type="checkbox"/>	31044165	14689	Permits		8/18/2003		Solid Waste	Permits
111	<input type="checkbox"/>	28277692	14689	Correspondence-Internal	Meeting	8/21/2003		Solid Waste	Permits
112	<input type="checkbox"/>	29862312	14689	Permits		8/21/2003		Solid Waste	Permits
113	<input type="checkbox"/>	28995513	14689	Correspondence-Received		8/25/2003		Solid Waste	Permits
114	<input type="checkbox"/>	29270625	14689	Reports		9/11/2003	SW Separation Facility	Solid Waste	Permits
115	<input type="checkbox"/>	30849149	14689	Correspondence-Sent		9/18/2003		Solid Waste	Permits
116	<input type="checkbox"/>	29270631	14689	Correspondence-Received		10/3/2003		Solid Waste	Permits
117	<input type="checkbox"/>	29328832	14689	Correspondence-Sent		10/10/2003		Solid Waste	Permits
118	<input type="checkbox"/>	29328840	14689	Correspondence-Sent		10/10/2003		Solid Waste	Permits
119	<input type="checkbox"/>	29355399	14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits

120		29357112		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
121		29357419		14689	Permits	Public Notice	10/17/2003	Public Notice Section Two	Solid Waste	Permits
122		29497904		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
123		29497905		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
124		29497906		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
125		29497907		14689	Permits	Public Notice	10/17/2003	Public Notice Section Two	Solid Waste	Permits
126		29497908		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
127		29497909		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
128		29497910		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
129		29497911		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
130		29497912		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
131		29497913		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
132		29497934		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
133		29497935		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
134		29497936		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
135		29497937		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
136		29497938		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
137		29497939		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
138		29497940		14689	Permits	Public Notice	10/17/2003	Public Notice	Solid Waste	Permits
139		30822266		14689	Permits	Public Notice	10/17/2003	Proof of Publication/Affidavit for Public Notice Dated 10-17-03	Solid Waste	Permits PER19! PER20!
140		29889507		14689	Reports	Inspection	11/11/2003		Solid Waste	Surveillance
					Correspondence-					



155		30548799	14689	Permits		1/12/2004	0002 8916 0015	Solid Waste	Permits	
156		30897436	14689	Permits	Public Notice	1/21/2004	Proof Of Publication	Solid Waste	Permits	
157		30897429	14689	Permits	Public Notice	1/23/2004	Proof Of Publication	Solid Waste	Permits	
158		30817454	14689	Legal	Hearing Request	2/6/2004		Solid Waste	Permits	PER201 PER191
159		30817431	14689	Legal		2/12/2004	Petition for Review	Solid Waste	Permits	PER201 PER191
160		30744393	14689	Permits		2/16/2004	Insurance binder, Seperation Facility, Construction/ Demolition and Woodwaste Landfill ; P-0261R1	Solid Waste	Permits	
161		30915297	14689	Permits		2/18/2004	Green Card 7002 0460 0002 6051 1372	Solid Waste	Permits	
162		30811273	14689	Permits	Public Notice	2/19/2004	Proof of Publication/Affidavit for Public Notice Dated 10- 17-03	Air Quality; Multi-Media; Solid Waste; Surface Water	Permits	SW- PER201 AND PER191; W- PER201
163		30828683	14689	Permits	Public Notice	2/19/2004	Prof Of Publication/ Affidavit For Public Notice Dated 10/17/03	Multi-Media; Solid Waste, Underground Storage Tanks, Surface Water	Permits	CER201 PER191; PER201
164		31088065	14689	Permits	Public Notice	2/19/2004		Solid Waste	Permits	
165		30897433	14689	Permits	Public Notice	2/25/2004	Proof Of Publication	Solid Waste	Permits	
166		30898122	14689	Permits	Public Notice	2/25/2004	Proof Of Publication / Affidavit For Public Notice Dated 1/19/04 times picayune 1/21/04 the advocate 1/23/04 plaq. Gazette	Solid Waste	Permits	CER201 PER201
167		30925109	14689	Permits		2/25/2004	Prof Of Publication	Solid Waste	Permits	
168		30925207	14689	Permits	Public Notice	2/25/2004	C & D Facility	Solid Waste	Permits	
							Hearing Request,			

169	<input type="checkbox"/>	30939876	<input type="checkbox"/>	14689	Legal	Hearing Request	3/8/2004	Industrial Pipe, Inc. DEQ Permit Nos. 2001002 and 1994001	Solid Waste	Legal	
170	<input type="checkbox"/>	30982774	<input type="checkbox"/>	14689	Permits		3/15/2004	Site Specific Pollution Liability Coverage	Solid Waste	Permits	200100 199400
171	<input type="checkbox"/>	31686704	<input type="checkbox"/>	14689	Legal		4/20/2004		Solid Waste	Permits	
172	<input type="checkbox"/>	31686709	<input type="checkbox"/>	14689	Legal		5/11/2004		Solid Waste	Permits	
173	<input type="checkbox"/>	31698708	<input type="checkbox"/>	14689	Permits	Public Notice	5/28/2004	Public Comment Package for Proposed Permit #TP-075-2029/OU-0236; TP-075-2029/P-0261	Solid Waste	Permits	PER19; PER20
174	<input type="checkbox"/>	31902498	<input type="checkbox"/>	14689	Permits	Public Notice	5/28/2004	Proof Of Publication Affidavit For Public Notice Dated 05282004	Solid Waste	Permits	PER20; PER19;
175	<input type="checkbox"/>	31904309	<input type="checkbox"/>	14689	Permits	Public Notice	5/28/2004	Proof of Publication/Affidavit for Public Notice Dated 5-28-04	Solid Waste	Permits	PER19; PER20
176	<input type="checkbox"/>	31914758	<input type="checkbox"/>	14689	Permits	Public Notice	5/28/2004		Solid Waste	Permits	
177	<input type="checkbox"/>	31902494	<input type="checkbox"/>	14689	Permits	Public Notice	6/1/2004	05282004	Solid Waste	Permits	PER20
178	<input type="checkbox"/>	31918104	<input type="checkbox"/>	14689	Permits	Public Notice	6/30/2004	Public Comment	Solid Waste	Permits	
179	<input type="checkbox"/>	31918620	<input type="checkbox"/>	14689	Permits	Public Notice	6/30/2004	Public Comment	Solid Waste	Permits	PER19; PER20
180	<input type="checkbox"/>	31918622	<input type="checkbox"/>	14689	Permits	Public Notice	6/30/2004	Public Comment	Solid Waste	Permits	PER19; PER20
181	<input type="checkbox"/>	31955427	<input type="checkbox"/>	14689	Reports	Incident	6/30/2004	Incident # 71662	Solid Waste	Surveillance	
182	<input type="checkbox"/>	32380809	<input type="checkbox"/>	14689	Reports	Annual	7/30/2004	Solid waste annual report for type III facilities; separation and composting facilities	Solid Waste	Financial Services	
183	<input type="checkbox"/>	32409835	<input type="checkbox"/>	14689	Reports	Annual	7/30/2004	Solid waste disposer annual report	Solid Waste	Financial Services	
184	<input type="checkbox"/>	32369124	<input type="checkbox"/>	14689	Permits	Final Permit	8/26/2004		Solid Waste	Permits	PER20
185	<input type="checkbox"/>	32369126	<input type="checkbox"/>	14689	Permits	Final Permit	8/26/2004		Solid Waste	Permits	PER19;
				14689	Correspondence	Green Cards	8/30/2004	Article # 7003 2260 0001	Solid Waste	Permits	

186		32401236		Received				2755 9443			
187		32401238	14689	Correspondence-Received	Green Cards	8/30/2004	Article # 7003 2260 0001 2755 9450		Solid Waste	Permits	
188		33297992	14689	Correspondence-Sent		9/14/2004			Solid Waste	Permits	
189		33297994	14689	Correspondence-Sent		9/14/2004			Solid Waste	Permits	
190		33514265	14689	Financial	Waste Tire	9/14/2004			Solid Waste	Financial Services	
191		32401170	14689	Permits		9/14/2004	Acceptance of storm or emergency debris at permitted C&D landfills		Solid Waste	Permits	
192		32401172	14689	Permits		9/14/2004	Acceptance of storm or emergency debris at permitted C&D landfills		Solid Waste	Permits	
193		32463771	14689	Legal		9/27/2004			Solid Waste	Legal	
194		32463769	14689	Legal		10/1/2004			Solid Waste	Legal	
195		32752257	14689	Permits		3/24/2005			Solid Waste	Permits	
196		32869167	14689	Legal		4/18/2005	Dismissal of Title VI administrative complaints, by EPA for Industrial Pipe, Shintech, Inc., and Natural Resource Recovery, Inc. with attached settlement agreement.		Air Quality, Solid Waste, Multi-Media	Legal	
197		32846104	14689	Permits		5/3/2005			Solid Waste	Permits	
198		32863358	14689	Permits	Application	5/5/2005	Waste conversion factors		Solid Waste	Permits	
199		32986392	14689	Correspondence-Sent		6/24/2005	7004 1160 0001 9950 5938		Solid Waste	Permits	
200		33026884	14689	Correspondence-Received	Green Cards	6/28/2005	7004 1160 0001 9950 5938		Solid Waste	Permits	
201		33416462	14689	Reports	Inspection	6/29/2005	P-0261R1 - FIF & addendum; 06/29/2005 & 08/1/05		Solid Waste	Surveillance	INS200
202		33179102	14689	Permits		7/13/2005	Request for information on modification to change size of daily fill area		Solid Waste	Permits	

203		33178934	14689	Permits	Application	7/26/2005	Re. waste conversion factors	Solid Waste	Permits	PER201
204		33253829	14689	Reports	Annual	7/31/2005	Solid waste disposer annual report	Solid Waste	Financial Services	
205		33270409	14689	Reports	Annual	7/31/2005	Solid waste type III separation and composting annual report	Solid Waste	Financial Services	
206		33183722	14689	Correspondence-Sent		8/1/2005	7004 1160 0001 9950 7086	Solid Waste	Permits	
207		33241002	14689	Correspondence-Received	Green Cards	8/3/2005	7004 1160 0001 9950 7086	Solid Waste	Permits	
208		34237625	14689	Correspondence-Internal	Note/Memo	8/19/2005	Notice of no further action; SE-02-0338, SE-03-0159; multiple citations.	Solid Waste	Enforcement	ENF201
209		33273293	14689	Correspondence-Sent		8/23/2005	7005 1160 0005 2990 6298	Solid Waste	Permits	
210		33328854	14689	Correspondence-Received	Green Cards	8/25/2005	7005 1160 0005 2990 6298	Solid Waste	Permits	
211		33449506	14689	Permits	Application	9/28/2005	request for approval to accept treated wood	Solid Waste	Permits	
212		33477439	14689	Permits		9/28/2005	Request for approval to accept treated wood	Solid Waste	Permits	PER191
213		33446388	14689	Correspondence-Sent		10/11/2005		Solid Waste	Permits	
214		33771634	14689	Reports	Inspection	10/27/2005	Inspection Report; 10/27/2005, Hurricane Katrina	Solid Waste	Surveillance	INS200
215		33766774	14689	Reports	Assessment/Investigation	11/9/2005	Katrina Related	Solid Waste	Surveillance	
216		34052974	14689	Reports	Incident	11/17/2005	Incident 83937, Katrina related	Solid Waste	Surveillance	
217		33637332	14689	Correspondence-Sent		11/21/2005	Hurricane Katrina; Hurricane Rita	Solid Waste	Permits	
218		33980154	14689	Reports	Assessment/Investigation	12/8/2005	Katrina related	Solid Waste	Surveillance	
219		33920563	14689	Reports	Incident	12/20/2005	Incident, #84606 - Hurricane Katrina	Solid Waste	Surveillance	
220		33917685	14689	Reports	Assessment/Investigation	1/17/2006	Katrina related	Solid Waste	Surveillance	
221		33951134	14689	Reports	Assessment/Investigation	2/2/2006	Katrina related	Solid Waste	Surveillance	

222		34118724	14689	Financial	Waste Tire	2/9/2006		Solid Waste	Financial Services
223		34050926	14689	Reports	Inspection	2/15/2006	Katrina Related	Solid Waste	Surveillance INS200
224		34180950	14689	Reports	Assessment/Investigation	2/20/2006	Katrina related	Solid Waste	Surveillance
225		34180067	14689	Reports	Assessment/Investigation	2/22/2006	Katrina related	Solid Waste	Surveillance
226		34173027	14689	Reports	Assessment/Investigation	2/27/2006	Katrina related	Solid Waste	Surveillance
227		34173025	14689	Reports	Assessment/Investigation	3/1/2006	Katrina related	Solid Waste	Surveillance
228		34249786	14689	Reports	Assessment/Investigation	3/7/2006	Katrina related	Solid Waste	Surveillance
229		34249768	14689	Reports	Assessment/Investigation	3/10/2006	Katrina related	Solid Waste	Surveillance
230		34247356	14689	Reports	Assessment/Investigation	3/17/2006	Katrina related	Solid Waste	Surveillance
231		34247358	14689	Reports	Assessment/Investigation	3/21/2006	Katrina related	Solid Waste	Surveillance
232		34247294	14689	Reports	Assessment/Investigation	3/24/2006	Katrina related	Solid Waste	Surveillance
233		34205895	14689	Reports	Assessment/Investigation	3/31/2006	Katrina related	Solid Waste	Surveillance
234		34205553	14689	Reports	Assessment/Investigation	4/3/2006	Katrina related	Solid Waste	Surveillance
235		34130641	14689	Permits		4/5/2006	Comment - Community meeting	Solid Waste	Permits
236		34195772	14689	Correspondence-Internal	Meeting	4/26/2006	Meeting to discuss compliance issues	Solid Waste; Surface Water; Multi-Media	Enforcement
237		34244458	14689	Reports	Incident	4/28/2006	4/28/06; incident # T-87389	Solid Waste	Surveillance
238		34259851	14689	Correspondence-Received		5/3/2006	Response; letter; separation facility	Solid Waste; Surface Water; Multi-Media	Enforcement ENF 19
239		34219964	14689	Correspondence-Received		5/3/2006	Letter; response; meeting on 4/26/06	Solid Waste; Surface Water; Multi-Media	Enforcement
240		34224868	14689	Permits		5/3/2006	letter	Solid Waste	Permits

241	<input checked="" type="checkbox"/>	34204714		14689	Legal	Judgement/Decision/Order	5/5/2006	First Circuit Court of Appeals; Docket No. 2005 CA 1365 c/w 2005 CA 1366;	Solid Waste	Legal
242	<input type="checkbox"/>	34232823		14689	Compliance	Notice	5/9/2006	Notice of corrected violation; SE-CV-02-0338; 7002 0460 0001 3658 8019	Solid Waste	Enforcement
243	<input type="checkbox"/>	34245706		14689	Correspondence-Received	Green Cards	5/12/2006	Notice of corrected violation; SE-CV-02-0338; 7002 0460 0001 3658 8019	Solid Waste	Enforcement
244	<input type="checkbox"/>	34231417		14689	Correspondence-Internal	Meeting	5/16/2006	Meeting attendance records meeting to discuss issues at the landfill	Solid Waste, Surface Water, Multi-Media	Enforcement
245	<input type="checkbox"/>	34259877		14689	Correspondence-Internal	Note/Memo	5/18/2006	Memo to file regarding white goods.	Solid Waste	Enforcement
246	<input type="checkbox"/>	34276907		14689	Reports	Inspection	5/26/2006	FIF - Industrial Pipe, Inc. - Belle Chasse	Solid Waste	Environmental Technology

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# APPENDIX C-3

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No.	Doc ID	AI ID	Doc Type	SubDoc Type	Date	Description	Media	Division	TEMPO Activity#	Pgs
1	21630659	14689	Correspondence-Sent		9/13/1995		Hazardous Waste	Enforcement		4
2	21630474	14689	Correspondence-Internal	Note/Memo	5/10/1996		Hazardous Waste	Enforcement		2
3	21630720	14689	Reports	Reference Materials	10/28/1998	Photographs	Hazardous Waste	Enforcement		8
4	21630728	14689	Correspondence-Received		10/28/1998		Hazardous Waste	Enforcement		2
5	21630698	14689	Reports	Inspection	8/20/1999		Hazardous Waste	Enforcement		4
6	21630710	14689	Reports	Inspection	8/20/1999		Hazardous Waste	Enforcement		5
7	21630476	14689	Reports		8/7/2000	Plaquemines Parish Waste Disposal Operations	Hazardous Waste	Enforcement		104
8	21630462	14689	Correspondence-Received		8/21/2000		Hazardous Waste	Enforcement		10
9	21630472	14689	Correspondence-Received		8/21/2000		Hazardous Waste	Enforcement		2
10	21630695	14689	Reports	Inspection	8/29/2000		Hazardous Waste	Enforcement		3
11	21630702	14689	Reports	Inspection	8/29/2000		Hazardous Waste	Enforcement		8
12	21630689	14689	Correspondence-Received		10/9/2000		Hazardous Waste	Enforcement		6
13	21630715	14689	Legal		12/11/2000		Hazardous Waste	Enforcement		1

14		21630716	14689	Reports	Reference Materials	12/11/2000	Non-Paper Media	Hazardous Waste	Enforcement	2
15		21630718	14689	Reports	Reference Materials	12/11/2000	Non-Paper Media	Hazardous Waste	Enforcement	2
16		30342423	14689	Reports	Reference Materials	12/11/2000	Non-Paper Media	Hazardous Waste	Enforcement	2
17		21630664	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	25
18		21668543	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
19		21668544	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
20		21668545	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
21		21668546	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
22		21668547	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
23		21668548	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
24		21668549	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
25		21668550	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
26		21668551	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
27		21668552	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
28		21668553	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
29		21668554	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
30		21668555	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
31		21668566	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
32		21668574	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
				Correspondence-						

33		21668575	14689	Received		2/9/2001		Hazardous Waste	Enforcement	1
34		21668576	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
35		21668577	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
36		21668578	14689	Correspondence-Received		2/9/2001		Hazardous Waste	Enforcement	1
37		32020644	14689	Correspondence-Received	Green Cards	5/30/2002	Green cards; 7000 1670 0012 4137 8810	Air Quality; Hazardous Waste; Solid Waste; Surface Water; Multi-Media	Permits	1
38		27136278	14689	Correspondence-Received		5/30/2003		Hazardous Waste	Permits	70
39		30772039	14689	Correspondence-Received		10/16/2003	EPA Inspection	Hazardous Waste	Enforcement	52

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# APPENDIX C-4

## Selected IPI Compliance History

The following items summarize materials from the files of the Louisiana Department of Environmental Quality concerning the operation of IPI.

- July 27, 1989: The DEQ inspection report notes "violations of the operational and security plan" including **improper wastes** such as excess paper not related to construction/demolition activities, plastics, tires, white goods, electrical transformer, auto body parts, mattresses, clothing, metal cuttings and putrescibles. The inspectors noted that **wastes from the IPI recycling facility** were likely improperly disposed of at the site and further noted that the problems noted in the report had been observed in previous inspections.
- December 1, 1989: The IPI solid permit application affirms that **solid waste received with recycling items cannot be handled under its existing disposal permits.**
- May 29, 1991: The DEQ memorandum concerning the May 2, 1991 inspection noted that **household garbage was improperly in the active disposal cell** and 55 gallon drums, some of which may contain residues of hazardous waste.
- August 6, 1991: The IPI standard permit for the transfer station notes that **non-recyclable materials are to be sent to "properly permitted facility"** and that this transfer station is not to accept putrescibles. According to many of the following inspections, this stipulation has not been met historically.
- July 20, 1995: The DEQ inspection report includes a January 27, 1995 Order to Upgrade stating clearly that **only Type III construction/demolition waste is to be accepted in the facility.**
- April 2, 1996: The DEQ Compliance Order records **violations of the solid waste regulations** related to access road in violation of the IPI permit.
- August 15, 1996: The DEQ issued an amended Notice of Intent to Revoke IPI's Permit for the transfer station because of a defective waiver of the buffer zone requirement. The intent to revoke was later rescinded.
- April 23, 1997: The DEQ inspection report identifies the presence of **unauthorized wastes** including creosote timbers, drums, tires, batteries, freon containers, furniture, carpets, plastic containers and paper wastes, noting that much of this waste **may come improperly from the transfer station.** Inspection report summary lists nine regulatory violations.
- June 19, 1997: DEQ Compliance Order was issued for **failure to limit wastes received to Type III construction/demolition debris, wood wastes and other allowed materials.** In addition, the Compliance Order describes contamination of waters of the state and unauthorized discharges.

- November 12, 1997: These IPI statements admit that it accepts commercial waste for recycling but says that IPI **does not accept municipal solid waste or garbage** and that has always limited its waste disposal to Type III construction/demolition debris.
- December 17, 1997: The DEQ inspection report states that **waste management and waste segregation activities are unacceptable** and that putrescible waste is being received at the transfer station improperly.
- April 27, 1998: DEQ notes **failure to prevent the acceptance of industrial waste** at the site.
- March 8, 1999: DEQ letter to IPI counsel cites **continuing violations** observed in an October 28, 1998 inspection, including **disposal of unauthorized wastes** and soil and water contamination.
- March 31, 1999: DEQ inspectors observed **continuing violations** including receipt of **unauthorized waste**.
- August 20, 1999: DEQ inspection report for the transfer station states that **IPI is still improperly accepting putrescible waste**.
- September 3, 1999: The DEQ denies IPI's request to declassify the transfer station to a Type III separation facility.
- April 3, 2000: IPI's permit modification request includes admissions that the facility is **limited to storage and separation of materials for reclamation** such as paper products, metals and glass, and that **putrescible waste and non-recyclable municipal or commercial solid waste is to be disposed of at a properly permitted disposal facility**.

# APPENDIX C-5

Edms  
RF  
RSF  
SERO

## ENFORCEMENT DIVISION MEMO TO THE FILE

**FACILITY:** Industrial Pipe/Riverside Recycling  
(C/D Landfill & Transfer Station)

**DATE:** August 19, 2005

**INSPECTION DATES:** November 8, 2002  
June 26, 2003

**SUBJECT:** (X) NFA for citation  
(see citations below)

**TRACKING NO.:** SE-02-0338, SE-03-0159

NFA for referral

**AI NUMBER:** 14689

Information for file

**ALT. ID NUMBER:** TPD-075-2029/P-0621 & OU-0236

---

**Information for file:** Inspections were conducted on November 8, 2002, and June 26, 2003. Based on the following, no penalty and no further actions are required for the following citations:

### C/D Landfill

**LAC 33:VII.901 and Item #3 of the Interim Operational Plan - Failure to limit the disposal of waste to Type III construction and demolition debris, wood waste, and exempted waste.** Facility placed two (2) mattresses and part of a sofa on the working surface of the landfill.

Facility personnel stated that if non-acceptable wastes are dumped they are removed for proper disposal. A subsequent inspection on June 26, 2003, noted that there was no unauthorized waste present. The violation was corrected. A Notice of Corrected Violation will be issued to the Respondent. This violation did not pose any risk to human health and/or the environment, therefore there will be no penalty issued for this violation at this time.

**OU-0236 Interim Operational Plan Item #7 - Failure to segregate and contain any non-acceptable waste in a leak tight closed container.** Facility placed two (2) mattresses and part of a sofa on the working surface of the landfill.

A subsequent inspection on June 26, 2003, noted that there was no unauthorized waste that needed to be contained. The violation was corrected. A Notice of Corrected Violation will be issued to the Respondent. This violation did not pose any risk to human health and/or the environment, therefore there will be no penalty issued for this violation at this time.

**Information for file:** Inspections were conducted on November 8, 2002, and June 26, 2003. Based on the following, no further action is required for the following citations:

### Transfer Station

**LAC 33:VII.901 and Section 1107.C.2.c.ii of Permit P-0261** – Failure to provide one (of two) ten thousand-gallon steel tank for the collection of leachate and rainwater.

The facility has a 14,000 gallon in ground tank and a 10,000 gallon above ground tank, therefore, the tanks have the (required) capacity of the two (2) 10,000 gallon tanks mentioned in the permit.

**Condition #9 of Permit P-0261** - failure to prevent the acceptance of putrescible waste.

There is a de minimis amount of putrescible waste expected in this type of wastestream. Since the time of the inspection the Respondent has received a new permit, issued August 25, 2004. This permit allows for a de minimis amount of putrescible waste.

**LAC 33:VII.901, Section 1107.C.4.a.v.b, and Appendix E of Permit P-0261** – Failure to provide employees with the proper safety equipment.

There are no regulatory requirements for worker safety/equipment, nor does the Department regulate worker safety/equipment. This is not required by the new permit issued August 25, 2004.

**LAC 33:VII.901, LAC 33:VII.717.B.2.a and Section 1107.C.2.A.ix of Permit P-0261** - Failure to provide a 200 foot buffer zone on the south side of the facility.

The operations that take place on the south side of the transfer station are actually that of a Type III Separation Facility, which requires only a 50 foot buffer zone. The only operations that occur in this area are separating recyclable wastes. The facility is located outside of this 50 foot buffer zone. The Respondent's new permit issued August 25, 2004, specifically allows the Respondent to operate as a Type III, Separation facility.

**LAC 33:VII.901, Section 1107.C.2.a.vi of Permit P-0261** – Failure to provide one (1) four thousand-gallon tank for the collection of leachate and rainwater.

The facility has a 14,000 gallon in ground tank and a 10,000 gallon above ground tank, therefore, the tanks have the (required) capacity of the tanks mentioned in the permit

Roselle Foote 8/22/05  
Roselle Foote, Environmental Scientist

Approved by:

Lourdes Iturralde 9/20/05  
Lourdes Iturralde, Manager

Approved by:

Peggy Hatch 5/9/06  
Peggy Hatch, Administrator

# APPENDIX C-6

22 June 2006

-----Original Message-----

From: Kelley Templet [mailto:Kelley.Templet@LA.GOV]  
Sent: Thursday, June 22, 2006 10:46 AM  
To: Bacuta, George C MVN  
Subject: USACE(IP)

George,  
We will send a signed copy in the mail.  
<<USACE(IP).doc>>

---

20 June 2006

-----Original Message-----

From: Kelley Templet [mailto:Kelley.Templet@LA.GOV]  
Sent: Tuesday, June 20, 2006 9:57 AM  
To: Bacuta, George C MVN  
Subject: IP proposed levee

George,  
Please find attached a copy of your original map with proposed plans. We have highlighted the area (yellow) in which we have concerns. All proposed areas should be environmentally investigated. I will be drafting a letter as a follow-up to our phone conversation.

If you have any questions, please don't hesitate to call.

Thanks,  
Kelley

<<PAINT.bmp>>

---

6/20/2006 e-mail

Below minutes on teleconference with LDEQ:

1. LDEQ called USACE at 8:30 am, Tuesday, 20 June 2006 re – environmental issues on the levee alignment (Hero to Oakville).
2. Present in teleconference are - USACE Rep : George Bacuta & Reuben Mabry; LDEQ Rep: Kelley Templet & Bijan Sarifkani
3. After introductions, Bacuta summarize levee project including levee alignment and sections where USACE plans earth fill and floodwall/sheet piles (I/T-walls)
4. Two issues from LDEQ: (1) sheet piling thru waste (old landfill) & buffer zones. LDEQ indicated that there is an issue along the floodwall section (orange colored alignment in

- Dave's map) since it is so close to a landfill cell. LDEQ have an issue driving sheet piles thru waste (2) there is an old landfill on the northern-eastern portion (they indicated an old Plaquemines municipal landfill) on the land adjacent to Walker Road.
5. USACE suggested if on the USACE's map (see attachment) showing levee alignment, LDEQ draw outlines of areas where they have environmentally related issues (e.g. sheet pile driving and footprint(s) of landfill(s) including old, buried landfill) and list those issues. LDEQ said yes and will send a letter to USACE along with a map where they will outline any significant environmental issues.
  6. USACE thank LDEQ, and indicated to LDEQ that we will discussed the floodwall section (orange color section of alignment) with the USACE Designer in charge.

---

20 June 2006

From: Kelley Templet [<mailto:Kelley.Templet@LA.GOV>]  
Sent: Tuesday, June 20, 2006 9:57 AM  
To: Bacuta, George C MVN  
Subject: IP proposed levee

George,  
Please find attached a copy of your original map with proposed plans. We have highlighted the area (yellow) in which we have concerns. All proposed areas should be environmentally investigated. I will be drafting a letter as a follow-up to our phone conversation.

If you have any questions, please don't hesitate to call.

Thanks,  
Kelley

---

16 June 2006

**From:** Bacuta, George C MVN  
**Sent:** Friday, June 16, 2006 4:54 PM  
**To:** 'Kelley Templet'  
**Cc:** Brooks, Robert L MVN; Rowe, Casey J MVN; Purrington, Jackie B MVN; Wurtzel, David R. MVN; Vossen, Jean MVN; Coates, Allen R MVN; Bivona, John C MVN; Mabry, Reuben C MVN  
**Subject:** RE: Riverside Recycling, Industrial Pipe  
**Importance:** High

**Kelley:** Just received three cd's from LDEQ's Record Section containing LDEQ files on subject site (i.e. AIN: 14689). Appreciate your assistance.

**Corps Folks:** As indicated in previous e-mails to you, the CDs containing LDEQ files for subject site – Riverside Recycling / Industrial Pipe is available on my desk (Rm 128) for your reference. As indicated in previous e-mail, the CDs from LDEQ contain more than 1400 files (NOTE: Most files may be 1 or several pages for compliance letters, etc. while other files may contain 10's or 100's pages for permit application/studies & legal related info).

George

---

14 June 2006

**From:** Kelley Templet [mailto:Kelley.Templet@LA.GOV]  
**Sent:** Wednesday, June 14, 2006 11:20 AM  
**To:** Bacuta, George C MVN  
**Subject:** RE: Riverside Recycling, Industrial Pipe

George,  
I just wanted you to know that I passed the information on to my administrator and my supervisor for review. We will get back to you on your concerns. I will check on expediting the CD.

Kelley

---

6/12/2006 e-mail

All:

Got into the Record Section at LDEQ. Due to power outage this weekend, LDEQ EDMS system (LDEQ's environmental database management system) was back on-line only at about 11:00 a.m. In the meantime I requested for all Industrial Pipe/Riverside Recycling related files uploaded to a CD. According to LDEQ Record Section personnel, they will mail us the CD info in about or less than two weeks (from today - 12 June). Queried AI ID# 14689 on Solid Waste, search came back with about 1400+ files (1 page for compliance letters thru 500+ page for permit application/studies & legal related info). Earliest file is about 1983. Document query on Hazardous Waste came back with 39 files. Printed some "cherry-picked" files (several latest with few oldest, including info from GORE Engineering/URS related to their landfill permit application). The Tulane Environmental Clinic also has some info (lawsuit related - environmental justice, etc.) here, they represent some environmental group or the residential folks at neighboring Oakdale / Jesuit Bend subdivision. The CD and prints are free (for Federal related or local/state/federal government work).

LDEQ Solid Waste Folks I believe that worked on this site include: Anita Peterson (she is retired), Sheryl O'Neil (now with LDEQ Enforcement), Landon Oller (retired also), Beth Scardina (Anita's friend/co-employee that will be retiring soon). If you folks want to know more : Sheryl's number is 225/219-3793, Beth's # is 225/219-3043. I think was Anita who was the LDEQ POC when Jean was involved years back. POC for the CD info is Melinda Molier (225/219-3168) of the LDEQ's Record Section.

Info on my desk.

George

---

06 June 2006

**From:** Lenny Young [mailto:Lenny.Young@LA.GOV]  
**Sent:** Tuesday, June 06, 2006 5:22 PM

**To:** Bacuta, George C MVN  
**Subject:** RE: Riverside Recycling, Industrial Pipe

George:

It was good to speak to you this afternoon. The Agency Interest number for the Industrial Pipe facility is 14689. You or the person delegated to can use this number to access the files associated with the facility. The computer terminals for accessing the electronic files are on the first floor of LDEQ's headquarters, in our Records Center. The electronic files contain correspondence sent and received, the permit application, reports, plans, compliance documents and related information associated with air, water, and solid waste activities at the site. It also contains documents with the layout of the facility. The officer at the security desk in the lobby can direct you to our Records Center upon your arrival. If you have any additional questions or need additional assistance let me know.

Thanks,

Lenny Young  
LDEQ  
Water and Waste Permits Division

---

**From:** Bacuta, George C MVN [mailto:George.C.Bacuta@mvn02.usace.army.mil]  
**Sent:** Friday, June 02, 2006 4:39 PM  
**To:** Lenny Young; John Rogers  
**Subject:** RE: Riverside Recycling, Industrial Pipe  
**Importance:** High

Thanks John.

Lenny: Please refer to by e-mail below to John re-subject area. Are there geological / geotechnical info (boring logs, etc) associated with this facility in their permit application? Other environmental info (e.g. NOV, enforcement, waste records, monitoring, etc) I need to look at with regard to the site and clearing the area at and around for levee construction project? Your assistance would be of great help for us to move forward in our study and decision(s) for levee construction. Please e-mail me any info you have of the site area.

Thanks,  
George

---

**From:** John Rogers [mailto:John.Rogers@LA.GOV]  
**Sent:** Friday, June 02, 2006 4:29 PM  
**To:** Bacuta, George C MVN  
**Cc:** Lenny Young  
**Subject:** RE: Riverside Recycling, Industrial Pipe

George:

You probably need to interface with Lenny Young on this as this is a DEQ permitted facility.  
John

---

**From:** Bacuta, George C MVN [mailto:George.C.Bacuta@mvn02.usace.army.mil]  
**Sent:** Friday, June 02, 2006 4:02 PM  
**To:** John Rogers  
**Cc:** Brooks, Robert L MVN; Rowe, Casey J MVN; Purrington, Jackie B MVN  
**Subject:** Riverside Recycling, Industrial Pipe  
**Importance:** High

John:

About 1-2 years ago, your expert assistance to the Corps of Engineers on Louisiana landfills and promiscuous dumps location/inventory had helped us greatly with our work on levee construction and borrow locations (i.e. avoidance of problematic landfill areas and unknown dumps).

We are currently engage with levee construction (in an emergency mode) that has a tentative alignment along/near/around a questionable site in Plaquemines Parish. The site of issue is called Riverside Recycling and/or Industrial Pipe. We were alerted that this site (landfill) has a history of problems with LDEQ. Are you aware of any LDEQ issues (such as Notice of Violation, Enforcement Action, etc.) and other problems this site have? Ownership or POC for this site is listed as Mr. Kenny Stewart. Does LDEQ or do you have any information we can look at in regard to landfill history, construction, permit application, NOV, enforcement, other environmental issues about Riverside Recycling and /or Industrial Pipe? Currently we are undertaking a Phase 1 Environmental Site Assessment (ESA) of the site area. We are concern that the area may have a lot of environmental issues (and geotechnical issues that come with landfills or dumps). We may still proceed with this project if we find that the environmental and geotech issues we may uncover thru our study are manageable.

Please e-mail me if you have more information or can direct me to links at the LDEQ web-page to search for above listed info we are interested in our Phase 1 ESA study. We are currently in the gun as our suspense for this Phase 1 ESA is on mid-June 2006, and your info assistance is very much appreciated.

Thanks,

George Bacuta, PhD  
Engineering Division  
General Engineering Branch  
USACE-NOD  
New Orleans, LA  
504/862-1021



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO  
GOVERNOR

JUN 27 2006

MIKE D. McDANIEL, Ph.D.  
SECRETARY

*Appendix C-7*

Mr. George Bacuta  
United States Army Corps of Engineers  
New Orleans District  
CEMVN-OD-T  
P.O. Box 60267  
New Orleans, LA 70160-0267

Dear Mr. Bacuta:

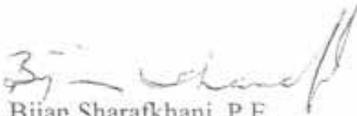
This letter is in reference to the telephone conversation held on Tuesday, June 20, 2006, between the USACE and DEQ staff. Several issues were discussed concerning the proposed Corps flood protection levee alignment. Drawings provided by the Corps, indicate that the proposed alignment traverses an active construction and demolition landfill, thus we have concerns in the following area between 94+80 and 76+20.02 for the proposed earthen levee and flood wall.

- The area between 94+80 and 90+31.90 (Along Walker Road) borders an old landfill. Borings should be taken prior to the construction in order to confirm that no waste was buried.
- The area between 90+31.90 and 76+20.02 borders and traverses through portions of the existing C/D Industrial Pipe Landfill. Since Industrial Pipe is located on top of an old landfill that was initially developed and operated by various parties as a municipal landfill in the early 1960's, LDEQ can not ascertain as to the exact contents. Prior assessments will be required on this proposed area.
- USACE is also proposing to construct a floodwall in the area between 76+20.02 and 70+20.86. This area is of concern since the proposed floodwall/sheetpile will be located along the buffer zone of the facility, which borders a cell containing buried waste, and DEQ opposes driving pilings through the waste.
- The proposed earthen levee in the area between 70+20.86 and 60+55.47, and 60+55.47 and 51+51.87 should not be of concern. Some portions however, do border the landfill and could possibly contain waste.

We are not certain that excavation in any of these proposed areas will not encounter previously buried waste. Any excavated waste must be managed properly. As discussed in our telephone conversation, an overall environmental assessment should be done on the proposed earthen levee/floodwall alignment before this project is finalized.

If you have any questions concerning this matter, please contact Kelley Templet of the Waste Permits Division at (225) 219-3068.

Sincerely,

  
Bijan Sharafkhani, P.E.  
Administrator  
Waste Permits Division

**ENVIRONMENTAL SERVICES**

PO BOX 4313, BATON ROUGE, LA 70821-4313  
P: 225-219-3181 F: 225-219-3309  
WWW.DEQ.LOUISIANA.GOV

Mr. Bernard Wright  
AI # 4803  
Page 2

# Louisiana Department of Environmental Quality

Office of Environmental Services  
Solid & Hazardous Waste Permits  
P.O. Box 4313  
Baton Rouge, LA 70821-4313  
Fax Transmittal  
(225) 219-3158

TO: George Bacuta

COMPANY: USACE

FAX NUMBER: (504) 862-1091 <sup>1585</sup>

FROM: Kelley Templet

---

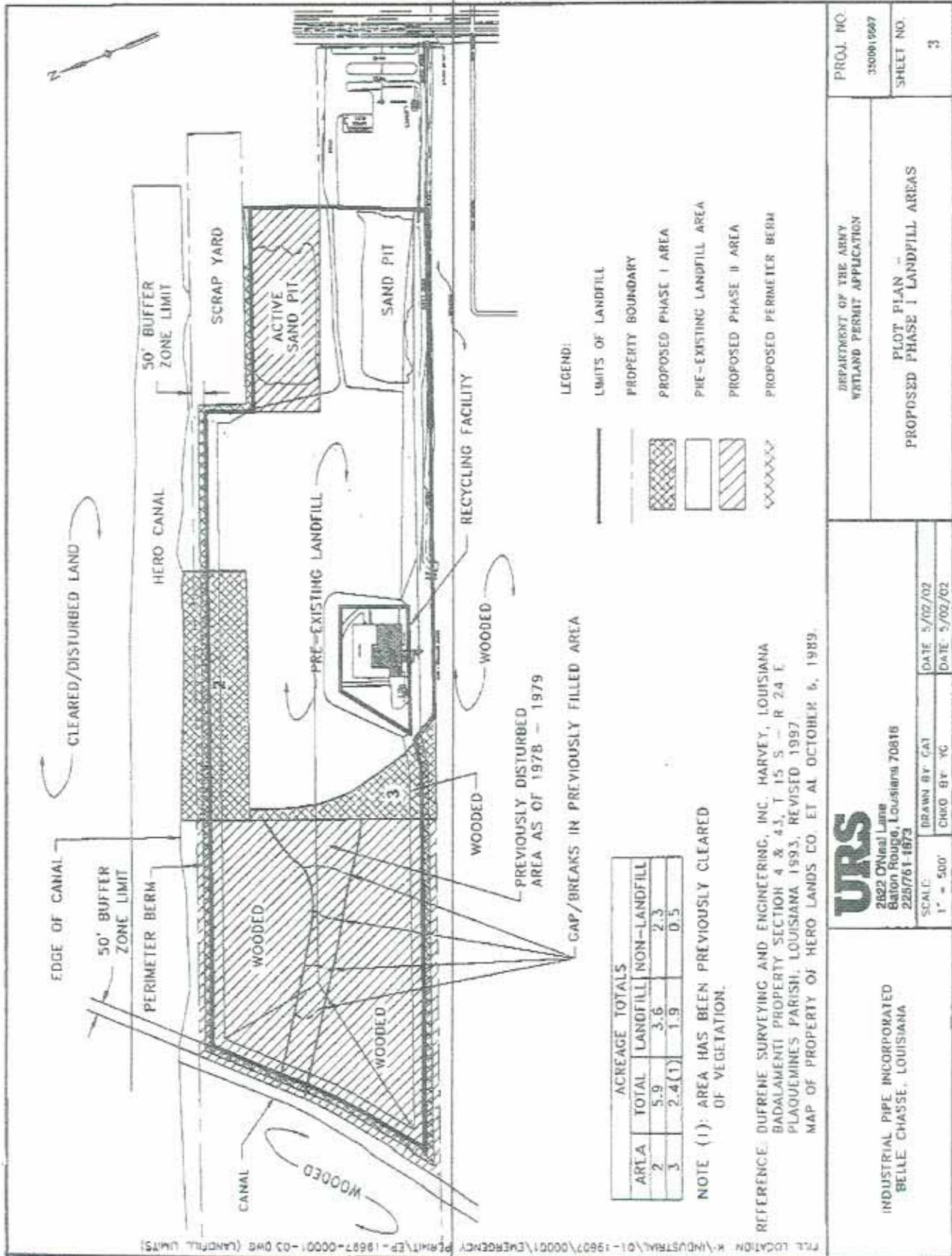
COMMENTS:

George,  
Here are a few maps of the Industrial Pipe facility. I thought it might be helpful for you to see the property lines, buffer zone, and phases. Once our letter has been approved I will fax you a copy.

Kelley Templet  
Waste Permits Division  
Department of Environmental Quality  
Phone: (225) 219-3068

IF YOU HAVE PROBLEMS RECEIVING THIS FAX PLEASE CALL (225) 219-3068

DATE: 06/22/06 NUMBER OF PAGES TO FOLLOW: 5



FILE LOCATION K:\INDUSTRIAL\01-1987\00001\EMERGENCY PERMIT\EP-1987-0001-03 DWG (LANDFILL LIMITS)

**INDUSTRIAL PIPE INCORPORATED**  
 BELLE CHASSE, LOUISIANA

**URS**  
 2622 O'Neal Lane  
 Baton Rouge, Louisiana 70816  
 225/761-1873

SCALE: 1" = 500'  
 DRAWN BY: GAI  
 CHECK BY: YC

DATE: 5/02/02  
 DATE: 5/02/02

DEPARTMENT OF THE ARMY  
 WATLAND PERMIT APPLICATION

PROJ. NO. 350019207

SHEET NO. 3

PLOT PLAN -  
 PROPOSED PHASE I LANDFILL AREAS

## LEVEE TIE-IN TO LANDFILLS

### Meeting 26 March 2002 - MVN, K. Stewart, Plaquemine. Parish

- Mr. Stewart objected to the proposed alignment; it will not protect his landfill or recycling center
- Original alignment no longer possible because Mr. Stewart excavated an area south and adjacent to Hero Canal (15 ft deep & 100 ft wide)
- He prefers the levee to tie into his landfill or extend through the wetland to the west
- Need to explore and develop MVN policy on tying into levees
- Potential liability would be local sponsors, WJLD

Steve Bland, 30 April 2002 – In order to tie the landfill into a LADOTD/WJLD levee project, the WJLD would have to obtain a permanent levee servitude over a portion of the landfill. The environmental concerns could include potential HTRW liabilities for LADOTD and WJLD as a owner, and potentially the Corps as an operator if construction activities caused a release of HTRW. The surrounding area if still used as a landfill could have current or future substances that could migrate toward the permanent levee servitude area. Thus I would counsel against tying the levee in with a landfill

David Vigh, 4 April 2002 – Tying into a levee, without disturbing its integrity, has not been a real problem with HTRW concerns or environmental concerns. If you dig intrusively into the landfill – big problems!!! The alignment has to be as close to the existing development lines as possible to pass 404 and NEPA reviews, or tie into the landfill which we have no objections to.

Bill Caver, 4 April 2002 – I am pretty sure that there is a Federal Law that prohibits a federal employee from placing the Federal Government in a liability potential position of becoming a Potentially Responsible Party (PRP) in an HTRW litigation. When you get the PRP issue handled we may need to discuss seepage through such a dike.

Gerry Satterlee, 29 March 2002 – We should always try to avoid landfills if at all possible. We could potentially be opening a can of worms, making the government a PRP, if any environmental cleanup becomes necessary. From an engineering perspective, the integrity of a landfill is always suspect. Its engineering properties are varied and unknown, especially the permeability.

Reuben Mabry, 30 April 2002 – I would feel much better talking to LDEQ about this site and history of violations... if it is predominantly permitting problems I wouldn't feel so hesitant, but if it has some contaminated areas, it is more serious, and important to avoid. We would be best served avoiding this character if possible... it can only mean trouble for us.

Steve Butler, Omaha District, Via Jean Vossen, 30 April 2002 – Steve is concerned that if the landfill is properly closed (capped with an impermeable layer, drainage system

installed, etc.) a flood event could overwhelm the landfill's drainage system resulting in stability problems in the cover and/or infiltration of the waste. If the landfill is not properly covered, the flood water would infiltrate the waste, potentially causing contamination in the groundwater, and we would have to build up the outer face of the landfill and take measures to prevent percolation. If we used the landfill as a component of the levee, we would become a potential PRP in cleaning up contamination resulting from contaminants leaching out of the landfill.

Ted Postol, St. Louis District, 6 May 2002 – I cannot find anything in writing that indicates we should not use a landfill as part of our levees. However, our Phase I ESA's address landfills as a potential site concern. I would think that the combination of a potential environmental issue with a landfill and the soil characteristics not meeting your Geotech requirements are enough to stay away from tying into the landfill. We (in St. Louis) have always gone around landfills.

Miriam Lindmeier, HTRW-CX Counsel, NWD, 7 May 2002 – The bottom line, however, is that there is certainly the potential for the U.S. to become a PRP in several scenarios under this fact situation. If we allow the tie-in and retain a Federal interest, which presumably we would do, then I think we could have a problem.

Beverly VanCleaf, NWD, 30 April 2002 – It is Corp policy to avoid construction of Civil Works projects in HTRW contaminated areas. This policy is in ER 1165-2-132, HTRW Guidance for Civil Works Projects.

## **APPENDIX - F**

### **MISCELLANEOUS WEBSITE INFORMATION**

<http://www.bayoucon.com>

Kenny Stewart Enterprises has 3 main companies: Industrial Pipe, Inc. which recycles used steel pipe, Riverside Recycling & Disposal which handles scrap metal recycling & Bayou Concession Scrap, Inc. which handles used marine diesel engines. Industrial Pipe was the first of the three companies established. It was started in 1984 for the purpose of wholesale distribution of surplus & used steel pipe. Stocking both oilfield & line pipe from 2" - 36", we can fill all need for used steel pipe. Riverside Recycling built the first Type III Material Recovery Facility in South Louisiana in 1990. Riverside Recycling and Disposal acquired a solid waste transfer permit from the Department of Environmental Quality in 1991. This permit allows Riverside Recycling and Disposal to process waste loads normally destined for landfills. At its 25,000 square foot facility, 21 full-time employees sort and process corrugated, white paper, mix paper, plastics, light gauge steel and non-ferrous metals. Scrap metal recycling is our business. Bayou Concession Scrap, Inc. was established in 1994 for the purpose of dismantling and salvaging barges, boats and oilfield structures. This gives us an ample supply of marine diesel engines & generators.

<http://louisiana.sierraclub.org/neworleans/recycling.htm>

#### **Riverside Recycling and Disposal, 11266 Hwy 23, Belle Chasse**

(504) 656-2232. Owner Kenny Stewart says that the company's materials recovery facility (MRF) for paper, cardboard and other recoverable materials, has closed down, but its buyback center is still open. The company buys back copper, aluminum cans, brass, stainless steel and carbon steel (scrap iron). Call the company for days and times.

[http://dotdgis2.dotd.louisiana.gov/website/lwvr\\_is/viewer.htm](http://dotdgis2.dotd.louisiana.gov/website/lwvr_is/viewer.htm)

Search of **LADOTD WATER WELLS REGISTRY (LWWR)** indicated that no registered wells exist within 1.35 miles of the site (assumed address 11256 Hwy 23, Belle Chasse, LA)

<http://map.ldeq.org/index2.htm>



☼ DNR Oil Gas Well

[http://sonris-www.dnr.state.la.us/www\\_root/sonris\\_portal\\_1.htm](http://sonris-www.dnr.state.la.us/www_root/sonris_portal_1.htm)

DRAFT

**APPENDIX - G  
SITE PHOTOGRAPHS**

DRAFT



East Reach – Fiber Glass Tank



East Reach – Sand Pipes Looking East



East Reach – Shed & Creosote Timbers Looking North



East Reach – Shed & Batteries Looking East



East Reach – Tanks Looking East



East Reach – Boom & Tar Buckets Looking South



East Reach – Tires & Creosote Timbers Looking West



East Reach – South End Looking South



East Reach Ditch –South End Looking North



North Reach - East End –Adjacent Business Looking North West



North Reach – West End Dumpster



North Reach – AST & UST Looking West



North Reach - Automobile



North Reach – Creosote Timbers & Drum Looking West



North Reach – Creosote Timbers Looking South



North Reach - Creosote Timbers & Automobiles Looking West



North Reach – Drums On Trailer At West End



North Reach – West End Bucket of POL



North Reach – Granular Material (Not the shells☺)



North Reach – East End Tank & Debris Looking South



North Reach – UST East End



North Reach – Tanks East End



South I-Wall Reach – Looking West



South I-Wall Reach – White Goods Looking West



South Reach – West End of Landfill Runoff Ditch



White Goods & Roll-Off Boxes West of Sand Pits

## APPENDIX H ENVIRONMENTAL PROFESSIONAL - QUALIFICATIONS

### **Robert L Brooks**

55435 Forest Hills Rd  
Loranger, Louisiana 70446  
United States E-mail: robert.brooks@mvn02.usace.army.mil  
Home: (985) - 878-6478  
Work: (504) - 862-1558

### **Work Experience**

U.S. Army Corps of Engineers, CEMVN-EDG (01/31/1999 - Present) - Civil/Environmental Engineer, Technical Manager  
New Orleans, Louisiana United States  
Supervisor: Reuben Mabry - (504)862-2708; Contact: Yes  
Pay Grade: GS - 0810 - 12; Position Changed to GS-0819-12  
January 06

Salary: \$60,000.00 per year

Hours per week: 40

Duties: As the Technical Manager for the New Orleans District Engineering Environmental Team: Direct and conduct environmental investigations, assessments and other field activities. Prepare Phase I and Phase II Environmental Assessment Reports in accordance with ASTM guidance. Conduct and oversee contamination sampling and removal activities. Prepare and review contracts, task orders, work plans, and health and safety plans for environmental sampling and hazardous waste characterization. Schedule, estimate cost, and manage resources and funds for all projects. Prepare contract specifications, and CADD drawings. Coordinate with environmental regulatory agencies, contractors, local concerns and other agencies. Utilize personal knowledge of environmental regulations including CERCLA, RCRA, CWA, CAA, and state regulations. Completed FTL and management level tasks associated with contract management and P&S preparation. Assigned to management team of Task Force Guardian (Hurricane Recovery) Sep 05 to Jun 06.

U.S. Army Corps of Engineers CEMVN-EDS (06/01/1998 - 01/31/1999) - Civil Engineer  
New Orleans, Louisiana United States  
Supervisor: Carl Guggenhiemer - na; Contact:Yes

Salary: \$45,000.00 per year

Hours per week: 40

Duties: Temporarily assigned as an engineer in the USACE New Orleans Structures Branch: Prepared engineering calculations and design details for minor structure construction. Ran computer programs for concrete and pile design loading. Prepared design drawings utilizing Computer Aided Drafting and Microstation (CADD) software.

U.S. Army Corps of Engineers CEMVN-EDG (01/01/1995 - 06/01/1998) - Engineer Student Trainee  
New Orleans, Louisiana United States  
Supervisor: Walter Baummy - na; Contact:Yes  
Pay Grade: GS - 0810 - 5

Salary: \$20,000.00 per year

Hours per week: 40

Duties: While attending full-time engineering classes: Provided technical support to engineers and technicians in the section. Developed spreadsheets for and tracked cost of District's Structure Inspection Program, and assisted in the development and preparation of inspection reports. Reviewed and provided comment on in-house and A E plans and specifications. Reviewed and compiled sampling and analysis data for the Environmental Team's oversight of an EPA Superfund investigation and removal action.

**Education**

Bachelor's Degree BS, 1998, Civil Engineering, GPA 3.7, University of New Orleans. High school graduate 1976, Munford TN.

**Additional Information**

LICENSES/CERTIFICATES:  
PE, Environmental Engineer, Louisiana Since 2001;  
HAZWOPER, Hazardous Waste Operator qualified Aug. 99 with refreshers 00 through 2005.

TRAINING:

Course Work: Civil Engineering courses with emphasis on environmental engineering. Transcript will be provide upon request.

- HAZARD WASTE MANAGEMENT AND ENVIRONMENTAL REGULATIONS
- AIR POLLUTION CONTROL;
- HYDRAULICS AND ENVIRONMENTAL MODELING;
- SEDIMENT TRANSPORT;

- OCEAN AND COASTAL ENGINEERING;
- SOLID WASTE MANAGEMENT.

SPECIALIZED TRAINING:

- WORKSHOP, ORDNANCE RESPONSE PROJECTS AT CHEM WARFARE SITES, APR. 99;
- HAZARDOUS WASTE OPERATOR (HAZWOPER), AUG. 99, REFRESHER APR. 2000;
- MICROSTATION SE [CADD], OCT. 99;
- HAZARDOUS AND TOXIC AND RADIOACTIVE WASTE OVERVIEW, MAR. 2000;
- TOXIC CHEMICAL MEDICAL TRAINING COURSE, APR. 99;
- TOTAL ENVIRONMENTAL RESTORATION CONTACTS (TERC) ADMINISTRATION OF TASK ORDERS, APR. 2000
- HTRW & DOT MANAGEMENT & MANIFESTING, MARCH 2005

AWARDS:

Commanders Award For Civilian Service 1-27-06 (for contributions to Task Force Guardian)

DOA (Army) Commendations for Exemplary Performance (8): 96 through 2005

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**George C. Bacuta, PhD**  
20 Pinehurst Drive  
New Orleans, LA 70131 USA

Phone: 504/862-1021 (W)  
Email: [George.Bacuta@mvn02.usace.army.mil](mailto:George.Bacuta@mvn02.usace.army.mil);

**EDUCATION:**

PhD, 1989, Geological Sciences, College of Engineering, Cornell University,  
Ithaca, NY  
Major Field: Economic Geology (Geochemistry, Geophysics)  
Minor Field: Resource Economics

**WORK EXPERIENCE:**

**1990 thru Present.**

- *Geologist* : **US Army Corps of Engineers**, General and Environmental Engineering Branch, New Orleans, LA.
- *Project Manager* (Physical Scientist): **US Army Corps of Engineers**, Project Management - Civil Works Branch, New York, NY.
- *Geologist* : **US Army Corps of Engineers**, Geotechnical Engineering Branch, New Orleans (LA) and Jacksonville (FL).

**1989 – 1990**

- *Consulting Geologist*, **United Nations Revolving Fund for Natural Resource**

**1980 thru 1989**

- *Graduate Research / Teaching Assistant*, **Cornell University**, Department of Geological Sciences, College of Engineering, Ithaca, NY
- *Consulting Geologist*, Mineral resource exploration, reserve estimation, project development.

**1975-1980**

- *Geologist, Senior Geologist, Supervising Geologist*, **Philippine Bureau of Mines and Geo-Sciences**, Quezon City, Philippines.

**TRAINING:**

*Environmental / HTRW*: Clear Writing for NEPA Specialists (USACE-Specific), Shipley Group; Quality Assurance in Environmental Sampling at HTRW Sites, USACE-LAW; Cost Reimbursement Contracting, USACE; Computer Modeling of Natural Attenuation and Bioremediation Systems, NGWA-PNL-USACE; Contaminant Organic Geochemistry, GSA; Remote Sensing GIS Fundamentals, USACE-CREL; Geotechnical

Aspects of HTRW Sites, USACE; Naturally -Occurring Radioactive Material (Surveyor Certificate); Introduction to Groundwater Investigations, USACE-EPA; The Princeton Course on Groundwater Pollution, Groundwater Associates of Princeton; Treatment Technologies for Superfund, USACE-EPA; Sampling for Hazardous Materials, USACE-EPA; Safety and Health for Hazardous Waste Sites, USACE-EPA.

Laboratory Instrumentation: CAMECA 3f IonMicroprobe (Hands-On), MIT-Cornell Univ.; JEOL 733 Superprobe (Hands-On), Cornell Univ.; Fire Assay or Electrothermal or Graphite-Furnace AA (Hands-On), USGS-Cornell Univ.; Neutron Activation (Hands-On), Cornell Univ.

Environmental Site Compliance: Annually, 8-hr Refresher : Safety Health at HTRW Sites, USACE; Annually, Medical Surveillance, USACE; Annually, CPR,1 day, USACE-Red Cross.

Human Resources and Management Tools: Human Resource Management II, USACE; Verbal Judo, USACE;

#### **AWARDS:**

2 TAC Team Achievement Awards (1999): Popile (Arkansas) Superfund Site and, DERP-FUDS DeRidder Army Airbase (Groundwater Investigation); 1998, A-E Services acquisition for IHNC Site Preparation and Demolition DM project; 1997, DERP-FUDS Lake Charles project; 1993, official commendation for Inner Harbor Navigation Canal Lock project; various commendation, special achievement, and exemplary performance awards. Cornell Graduate Fellowship(1980's), UP University College Scholar (1970's), Bureau of Mines Scholarship (1970's), Fr. Florencio Tamesis Scholarship (1970's).

#### **LICENSES/CERTIFICATES:**

Certified NORM (Natural-Occurring Radioactive Material) Surveyor (Louisiana); Professional Registration (Geologist, Commonwealth of Kentucky, last registration in 1995); Professional Registration (Geologist, Republic of the Philippines)

#### **OTHER INFORMATION:**

Judge, Earth and Space Sciences, The Greater New Orleans Area Science Engineering Fair (1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002); American Geophysical Union (AGU); Society of American Military Engineers (SAME); Cornell Alumni Association; Geological Society of the Philippines.



**APPENDIX - I  
LDEQ DATABASE INFORMATION (DISKETTES)**

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