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# Phase I Environmental Site Assessment

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Caddo Ward II Industrial  
Development Corporation

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Ward II Industrial Park  
Caddo Parish, Louisiana

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September 2021

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**PREPARED IN ACCORDANCE WITH PHASE I  
ENVIRONMENTAL SITE PROCESS  
ASTM DESIGNATION E 1527-13**



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## 1.0 SUMMARY

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Headwaters, Inc. was retained by North Louisiana Economic Partnership on behalf of Caddo Ward II Industrial Development Corporation to conduct a Phase I Environmental Site Assessment (ESA) on an approximate 975.78-acre parcel of land located within Caddo Parish, Louisiana. For the purposes of this Phase I ESA, the property is referred to as the Ward II Industrial Park site. The Phase I ESA was completed during July to September 2021. Headwaters, Inc. completed the site reconnaissance visits on July 26, 27 and 28 and September 21, 2021. This Phase I ESA is prepared for Ward II Industrial Development Corporation, Caddo Parish Commission and North Louisiana Economic Partnership. They are the only intended users of this report.

This report describes the methodology used to conduct the ESA, results of the ESA and conclusions based upon the data collected. Headwaters, Inc. performed this ESA in conformance with standards developed and published by the ASTM International as *ASTM Standard Practice for Environmental Site Assessments (Designation E 1527-13)*. This assessment was conducted in accordance with the requirements of the Environmental Protection Agency's "All Appropriate Inquiries" final rule as recorded in 40 CFR Part 312 and the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-13.

The subject property is located within Section 1, Township 21 North, Range 16 West and Sections 5, 6, and 8, Township 21 North, Range 15 West, Caddo Parish, Louisiana. The property is approximately 975.78 acres in size and is situated along Roy "Hoppy" Hopkins Drive between Louisiana Highway 1 and Louisiana Highway 170/Gilliam-Vivian Road just southeast of the town of Vivian in Caddo Parish, Louisiana. More specifically, the property is located at Global Positioning System (GPS) coordinates 32.839114, -93.959510. No physical street address was noted for the property.

Primary access to the subject property is provided via Louisiana Highway 170/Gilliam-Vivian Road to the east and Louisiana Highway 1 to the west. Internal access throughout the property is primarily restricted to Roy "Hoppy" Hopkins Drive that transects the central portion of the property from east to west. Access to the undeveloped portions of the industrial park is primarily restricted to foot and UTV travel.

Parcels of land in Caddo Parish are assigned a Geographical Number by the tax assessor's office with the first six digits representing the Township/Range/Section. According to the Caddo Parish public records, the subject property is currently comprised of twelve (12) tax parcels including:

- 211505000002500 owned by Caddo Ward II Industrial Development Corporation (152.453 acres)
- 211506000000700 owned by Caddo Parish Commission (160 acres)
- 211506000001800 owned by Caddo Ward II Industrial Development Corporation (29.091 acres)
- 211506000001900 owned by Caddo Ward II Industrial Development Corporation (7.909 acres)
- 211506000002200 owned by Caddo Ward II Industrial Development Corporation (238.03 acres)
- 211508000001200 owned by Caddo Ward II Industrial Development Corporation (40 acres)
- 211601000000100 owned by Caddo Parish Commission (69 acres)
- 211601000003000 owned by Caddo Ward II Industrial Development Corporation (9.48 acres)
- 211601000002200 owned by Caddo Ward II Industrial Development Corporation (192.482 acres)
- 211601000001400 owned by James S. Hubbard (21.54 acres)
- 211601000001000 owned by Knight Land & Oil Development Company, LLC (39.85 acres)
- 211601000001900 owned by Doyleene Moore (25.5 acres)

A Chain of Title for the property was not provided by the user for review and inclusion into this assessment. Warranty Deeds were provided by the user and are included in the appendices to this report.

The preponderance of the subject property can best be currently described as vacant industrial property utilized for silviculture purposes. Most of the property is forested with some areas cleared for future development. Dating back to 1949, the property was in trees and open fields and most likely utilized for both agriculture and silviculture purposes as well as rural residential. Interior roads can be seen laid out through the central portion of the site. Louisiana Highway 170 is visible along the eastern boundary. The Superior Oil Refinery is observed to the southwest of the subject property. Surrounding properties are mostly forested with some open fields. In a 1957 aerial photograph, the property appears with scattered trees and a few open fields. In a 1970 aerial, the southeastern portion of the property appears to be in oil field use while the rest of the property remains in agriculture and silviculture. No changes occurred on

the property on the 1975 aerial except for a timber harvest on the eastern portion of the subject property. In a 1985 aerial photograph, the subject property appears much the same as it did on the 1975 aerial. Superior Tie & Timber can be seen on the former location of the Superior Oil Refinery to the southwest. A 1989 aerial shows another timber harvest in the central portion of the subject property. Roy "Hoppy" Hopkins Drive is first visible on the 1998 aerial photograph and enters the property from the west before terminating in the central portion of the site. Allen's Electric Motor Services was constructed on the adjacent property to the west on the 2004 imagery. In a 2007 aerial photograph, Roy "Hoppy" Hopkins Drive was extended east through the central portion of the property to connect with Louisiana Highway 170. In addition, a square lot was cleared for future industrial development. No changes occurred on the 2010 imagery. An oil/gas well was constructed on the adjoining property to the south on the 2013 imagery. In a 2017 aerial, more land within the central portion of the subject property was cleared for development. Based on our investigations, no other known land use has been associated with the subject property. Currently, there are no structures located on the site.

The property is located outside the town limits of Vivian, Louisiana and Caddo Parish does not have zoning classifications. Most of the property is located within Zone X, an area of minimal flood hazard. However, 37.80 acres of the subject property along a drainage in the eastern portion of the site is located within Zone A, an area with a one percent annual chance flood hazard.

A review of the U.S.G.S. 1998 Vivian South, Louisiana Quadrangle Maps covering the subject property revealed that the property is gently sloping with an elevation ranging from of approximately 200 to 330 feet above sea level. The general topographic gradient of the property is south in the eastern portion of the subject property and west in the western portion of the site. Drainage from the property is directed generally south in the eastern portion of the site towards Tiger Branch. The western portion of the property drains west-southwest towards Harold Creek.

The geographic area in which the property is located has been historically rural in nature. Located within the Western Coastal Plain (133B) Major Land Resource Area, forest and grassland are important land uses. This area supports pine-hardwood vegetation. The forested areas in this MLRA are used to produce lumber and pulpwood. The cleared land is used mostly for pasture and hay. Where the water supply is adequate, such crops as corn, grain sorghum, oats, soybeans, peanuts, rice, and vegetables are grown.

Headwaters, Inc. retained Environmental Data Resources, Inc. (EDR) to provide the EDR Area/Corridor Report, which is an environmental database search of local, state, tribal and federal agency information. The search was performed to the minimum search distance required by ASTM E 1527-13 standards. The information was compiled by EDR and is documented in a report dated July 23, 2021 located in the appendices to this report.

The records review conducted on the property by EDR did not reveal the presence of any recognized environmental conditions that would point towards the likely presence of contamination on the subject property. The subject property was listed in one (1) of the databases searched by EDR.

A review of the Underground Injection Wells Listing (UIC), as provided by EDR, and dated 02/02/2021 has revealed that there is one (1) UIC site within the subject property.

1. Exxon SWD #1, Serial # 974422 operated by Nathan Hale Oil Co. located on the subject property in Section 5, Township 21 North, Range 15 West, Caddo Parish is listed in the UIC database. This well is listed as an active injection well that produced salt water. It was permitted in 2013. The measured depth is 1,320 feet. According to the latest inspection report, this well is in compliance and passed inspection. Given the achieved compliance, no impacts to the subject property are expected.

Furthermore, one (1) surrounding site was identified within multiple databases in the search radius around the subject property.

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is one (1) CORRACTS site within approximately one (1) mile of the subject property.

A review of the DEL SHWS list, as provided by EDR, and dated 04/08/2021 has revealed that there is one (1) DEL SHWS site within approximately one (1) mile of the subject property.

1. Superior Tie & Timber Co. also known as Trans-Serve Inc. located at 14800 Highway 1, Vivian, LA 71082 is listed on the Deleted Potential & Confirmed Hazardous Waste/Contaminated Sites (DEL SHWS), National Pollutant Discharge Elimination System (NPDES), LDEQ UST and Remediation Division (REM), Superfund

Enterprise Management System Archive (SEMS-Archive), Corrective Action Report (CORRACTS), RCRA-Treatment, Storage and Disposal (TSDF) and RCRA-Large Quantity Generators (LQG) databases. This company engaged primarily in the business of manufacturing wooden railroad ties. Operations commenced in 1980 on the former site of the Superior Oil Refinery. The facility was originally classified as a TSD with creosote wood preservation followed by wastewater treatment via aeration basin and transfer to evaporation ponds. The facility is a RCRA generator (LAD 980622054) listed as a Class I LQG. The facility received closure permit LAD980622054-CP1 for Evaporation Pond 1 in 1985. The facility currently has a town permit #91187-2 for its wastewater discharge into the Vivian wastewater treatment system. During a June 2000 site inspection, the facility appeared to discharge storm water runoff under NPDES LAR00A11S. A 45,000-gallon capacity underground storage tank (UST) used to store creosote fuel/oil mix was closed in 1992 under LDEQ UST Division. EPA performed a preliminary assessment of this site in 1988-1989. According to the report, the facility was an active creosote wood treatment plant that did not store or generate hazardous waste. The facility's wastewater was discharged into the Vivian wastewater treatment system. Evaporation pond 1 was used for wastewater treatment but it was clean closed under DEQ-HWD in 1986. Soil and groundwater sampling conducted by the EPA showed no contamination migration on the site. Based on the results of the preliminary assessment, the EPA assigned the site a No Further Action Planned (NFRAP) designation in 1989. In June 2000, LDEQ-RSD conducted a follow-up inspection and, after examining all permit information, made a complete tour of the facility noting no serious environmental problems. LDEQ-OEC also conducted an inspection of the facility in June 2000 and found two violations which were corrected at the time of the inspection. As a result, it was recommended that the LDEQ-RSD take No Further Action (NFA) regarding the site. Superior Tie & Timber is currently registered as an Archived superfund site by the EPA and does not require any clean up action or further investigation at this time. Superior Tie and Timber is located 0.572 miles south of the subject property. Given the NFA designation, no impacts to the subject property are anticipated.

The site reconnaissance activities conducted on the property by Headwaters, Inc. revealed the presence of **recognized environmental conditions** that would point towards the likely presence of contamination



on the subject property. During the site investigation conducted on July 26, 27 and 28, 2021, Headwaters, Inc. noted no evidence of hazardous substances but did reveal petroleum products located within the subject property. Specifically, stained soil in the vicinity of an oil well operated by Nathan Hale Oil Company. The soil staining was observed near Humble D-1 Serial No. 113147 which is an active-producing oil well. This well was permitted in 1965 and completed in 1966. The well passed inspection in 2014 and 2020. The soil staining appears to be coming from a flow line leak. It is the recommendations of this Phase I ESA that the soil staining be excavated and properly disposed of offsite. In addition, consideration should be given to a limited Phase II ESA in this area including soil testing and/or groundwater monitoring to determine the presence or absence of the identified REC.

Five (5) **potential business environmental risks** were identified. These potential business environmental risks could have an impact on the business associated with the planned use of the property.

1. The EDR DataMap™ Well Search Report revealed the presence of approximately forty-nine (49) state oil/gas wells located within the boundaries of the subject property. The location and/or presence of these oil/gas wells should be considered during any construction/redevelopment activities.
2. Review of the 1998 Vivian South, LA Quadrangle map revealed the presence of Hancock Cemetery located within the boundaries of the subject property. The location and/or presence of this cemetery should be considered during any construction/redevelopment activities.
3. The National Wetlands Inventory (NWI) revealed the presence of potential riverine streams within the boundaries of the subject property. Given this, a U.S. Army Corps of Engineers (USACE) Section 404 wetlands permit authorization may be required for the proposed construction project and further coordination with the USACE Vicksburg District Regulatory Program may be required. A copy of the NWI map is included in the appendices of this report.
4. A review of the Federal Emergency Management Agency's National Flood Insurance Program, Caddo Parish Unincorporated Areas Flood Insurance Rate Map Panel 22017C0200H dated 5/19/2014 was conducted. This review confirmed that most of the subject property is in Zone X, an area of minimal flood hazard.

However, 37.80 acres of the subject property along a drainage in the eastern portion of the site is located within Zone A, an area with a one percent annual chance flood hazard. A copy of the FEMA flood map is included in the appendices of this report.

5. A review of the United States Department of the Interior Fish and Wildlife Service Louisiana Ecological Services Field Office List of threatened and endangered species that may occur in the proposed project location or may be affected by the proposed project revealed the presence of four (4) threatened, endangered, or candidate species on this species list. These include the Northern Long-eared Bat (*Myotis septentrionalis*), Red-cockaded Woodpecker (*Picoides borealis*), Monarch Butterfly (*Danaus plexippus*) and *Geocarpon minimum*. Given this, further coordination with the Louisiana Ecological Services Field Office may be required.

## **2.0 INTRODUCTION**

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### **2.1 PURPOSE**

The purpose of conducting this Phase I Environmental Assessment is to determine if the real property (including improvements) being considered for purchase or development is subject to “recognized environmental conditions,” particularly those described in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Clean Water Act (CWA), where applicable. The term “recognized environmental conditions”, as defined under ASTM E 1527-13, is intended to mean the presence or likely presence of hazardous substances or petroleum products that may be found in, on, or at a property due to any release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The term is not intended to include “*de minimis*” conditions that generally do not present a threat to human 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. *De minimis* conditions are not recognized environmental conditions. The preparation of this environmental site assessment is intended to permit the user to satisfy one of the requirements to qualify for the “innocent landowner, contiguous property owner, or bona fide prospective purchaser” limitations to CERCLA liability (hereinafter, the “landowner liability protections” or “LLPs”), that is, the practice that constitutes “all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice” as defined in 42 U.S.C. §9601(35) (B).

In addition to the “landowner liability protections” to CERCLA liability, it is further the intent of this Phase I Environmental Site Assessment (ESA) to complete a coordination process with all the appropriate local, state, and federal resource agencies to provide reasonably ascertainable documentation of all potential recognized environmental conditions that may affect the utilization of the subject property for use as commercial real estate. As a result, coordination with all appropriate local, state, and federal resource agencies was completed and documentation of the coordination process is included within the appendices to this report.

## **2.2 SCOPE OF SERVICES**

The scope of services limiting the performance of this environmental site assessment shall be inclusive only to the extent that the following methodology was observed:

- 2.2.1** A site description was prepared that describes the surficial and obvious physical characteristics of the property being assessed to include the past and present uses and those of the adjoining properties.
- 2.2.2** Local, state, federal and other reasonably ascertainable records of public information were researched and evaluated as to the likelihood that the property is subject to recognized environmental conditions.
- 2.2.3** A formal and systematic site reconnaissance and interview process was conducted to evaluate and collect information from visual, physical, and verbal sources as to whether the property is subject to recognized environmental conditions.
- 2.2.4** A report detailing the findings, opinions and conclusions of the environmental site assessment was prepared that describes and provides documentary proof of the information concerning any identified recognized environmental conditions relating to the property.

The preparation of this assessment was conducted in accordance with procedures established by the ASTM International, ASTM Designation E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

## **2.3 SIGNIFICANT ASSUMPTIONS**

No significant assumptions were made during site reconnaissance or the records review process. This report is, however, based on the accuracy of interviews and reviewed records and databases.

## **2.4 LIMITATIONS AND EXCEPTIONS**

This report is site-specific in that it relates to an assessment of environmental conditions of the specific parcel heretofore identified. Consequently, this report does not address any additional issues raised in transactions, such as the purchase of

business entities, or interest therein, or of their assets, that may well involve environmental liability pertaining to properties previously owned or operated or other off-site environmental liabilities.

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions relating to a property. Performance of this environmental site assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection within the subject property, and this report recognizes reasonable limits of time and cost.

## **2.5 SPECIAL TERMS AND CONDITIONS**

Preparation of this report does not address whether requirements in addition to “all appropriate inquiries” have been met to qualify for LLPs (for example, the duties specified in 42 U.S.C. §9607(b)(3)(a) and (b), including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

This report does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiries provisions of the LLPs. Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this report. Users should also be aware that there are likely to be other legal obligations regarding hazardous substances or petroleum products discovered on the property that are not addressed in this report and that may pose risks of civil and/or criminal sanctions for non-compliance.

## **2.6 USER RELIANCE**

It is the responsibility of the user of this report to help identify the possibility of recognized environmental conditions relating to the property. This includes review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations currently recorded against or relating to the property.

## **3.0 SITE DESCRIPTION**

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### **3.1 LOCATION AND LEGAL DESCRIPTION**

The subject property is located within Section 1, Township 21 North, Range 16 West and Sections 5, 6, and 8, Township 21 North, Range 15 West, Caddo Parish, Louisiana. The property is approximately 975.78 acres in size and is situated along Roy "Hoppy" Hopkins Drive between Louisiana Highway 1 and Louisiana Highway 170/Gilliam-Vivian Road just southeast of the town of Vivian in Caddo Parish, Louisiana. More specifically, the property is located at Global Positioning System (GPS) coordinates 32.839114, -93.959510. No physical street address was noted for the property.

Copies of the U.S.G.S. 1998 Vivian, Louisiana Quadrangle Map, the USDA NAIP 2019 color aerial photograph, and The EDR Aerial Photo Decade Package (Years 1949, 1957, 1970, 1975, 1985, 1989, 1998, 2004, 2007, 2010, 2013 and 2017) depicting the approximate site boundaries and surrounding areas are included in the appendices to this report.

### **3.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

In general, the subject property is located outside the town of Vivian, Louisiana in Caddo Parish. The geographic area in which the property is located has been historically rural in nature. Located within the Western Coastal Plain (133B) Major Land Resource Area, forest and grassland are important land uses. This area supports pine-hardwood vegetation. The forested areas in this MLRA are used to produce lumber and pulpwood. The cleared land is used mostly for pasture and hay. Where the water supply is adequate, such crops as corn, grain sorghum, oats, soybeans, peanuts, rice, and vegetables are grown.

The preponderance of the subject property can best be currently described as vacant industrial property utilized for silviculture purposes. Most of the property is forested with some areas cleared for future development. Dating back to 1949, the property was in trees and open fields and most likely utilized for both agriculture and silviculture purposes as well as rural residential. Interior roads can be seen laid out through the central portion of the site. Louisiana Highway 170 is visible along the eastern boundary. The

Superior Oil Refinery is observed to the southwest of the subject property. Surrounding properties are mostly forested with some open fields. In a 1957 aerial photograph, the property appears with scattered trees and a few open fields. In a 1970 aerial, the southeastern portion of the property appears to be in oil field use while the rest of the property remains in agriculture and silviculture. No changes occurred on the property on the 1975 aerial except for a timber harvest on the eastern portion of the subject property. In a 1985 aerial photograph, the subject property appears much the same as it did on the 1975 aerial. Superior Tie & Timber can be seen on the former location of the Superior Oil Refinery to the southwest. A 1989 aerial shows another timber harvest in the central portion of the subject property. Roy "Hoppy" Hopkins Drive is first visible on the 1998 aerial photograph and enters the property from the west before terminating in the central portion of the site. Allen's Electric Motor Services was constructed on the adjacent property to the west on the 2004 imagery. In a 2007 aerial photograph, Roy "Hoppy" Hopkins Drive was extended east through the central portion of the property to connect with Louisiana Highway 170. In addition, a square lot was cleared for future industrial development. No changes occurred on the 2010 imagery. An oil/gas well was constructed on the adjoining property to the south on the 2013 imagery. In a 2017 aerial, more land within the central portion of the subject property was cleared for development. Based on our investigations, no other known land use has been associated with the subject property. Currently, there are no structures located on the site.

The property is located outside the town limits of Vivian, Louisiana and Caddo Parish does not have zoning classifications. Most of the property is located within Zone X, an area of minimal flood hazard. However, 37.80 acres of the subject property along a drainage in the eastern portion of the site is located within Zone A, an area with a one percent annual chance flood hazard.

A review of the U.S.G.S. 1998 Vivian South, Louisiana Quadrangle Maps covering the subject property revealed that the property is gently sloping with an elevation ranging from of approximately 200 to 330 feet above sea level. The general topographic gradient of the property is south in the eastern portion of the subject property and west in the western portion of the site. Drainage from the property is directed generally south in the eastern portion of the site towards

Tiger Branch. The western portion of the property drains west-southwest towards Harold Creek.

### **3.3 CURRENT USE OF THE PROPERTY**

The current land use of the property is a developing industrial park. The Caddo Ward II Industrial Park is located within the northwest corner of Louisiana in proximity to the states of Texas to the west and Arkansas to the north. This “Gateway Region” has a unique location close to two east-west interstate highways (I-20 and I-30), a north-south interstate (I-49), and a north-south rail service (KCS), providing easy access to millions of potential customers.

### **3.4 DESCRIPTION OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE**

The site reconnaissance did not reveal the presence of any structures currently located on the subject property. Initial development and improvements of the industrial park began on the west side and consist of an asphalt road, Roy “Hoppy” Hopkins Drive, that extends between Louisiana Highway 1 and Louisiana Highway 170. The industrial park currently has one tenant, Allen’s Electric Motor Service, in an approximate 40,000 square foot building. This parcel was intentionally left out of the industrial park boundary for the purposes of this Phase I ESA and is considered an adjacent property to the west. Allen’s Electric Motor services the oil field market in northwestern Louisiana.

The subject property has public road access to Roy “Hoppy” Hopkins Drive and Louisiana Highway 170/Gilliam-Vivian Road. Interior access within the site is primarily restricted to Roy “Hoppy” Hopkins Drive via an 80-foot wide right-of-way that transects the central portion of the property from east to west. Access to the undeveloped portions of the industrial park is primarily restricted to foot and UTV travel. No other roads, streets or parking facilities were identified within the boundaries of the subject property.

Other improvements to the site include water service through a 12-inch water main with hydrants, sanitary sewer service through an 8-inch sewer main with a lift station, street lighting, natural gas through a 4-inch gas main and electricity through a 69kV electric highline. Electricity is provided to the site by American Electric Power/Southwestern Electric Power Company (AEP/SWEPCO).



Water and sewer are provided by the Town of Vivian. Telecommunications are provided by Centurylink. Natural gas is provided by Center Point/Reliant.

### **3.5 CURRENT USES OF ADJOINING PROPERTIES**

Most of the surrounding properties are in undeveloped forestland. Caddo Parish public records show the adjacent properties are:

- North – Chevron U.S.A. Inc.
- North – Doyleene Moore
- North – Michael Raymond Sloss 12.5% et al
- North – BW&C Equipment Co. Inc. ½ et al
- North – Parker Family Interests, LLC
- North – The One Foundation
- North – Red Oak Properties, LLC
- North – LA Highway 170
- North – Sarah Virginia Barlow
- North – James Gregory Lacaze & Lorrie Ann Lewing Lacaze & Travis L. Freeman
- North – Munis K. Woolbert, Jr.
- East – Shelly T. Hortman and Scott A. Hortman ½ et al
- South – Mount Gilead Road
- South – John A. Caldwell, et al
- South – Karen Lee Bonner Moore
- South – Andrew Pauland Wells
- South – Nathan and Becky Joyce Jetton Hale
- South – Texaco, Inc.
- South – James S. Hubbard
- West – Allen’s Electric Motor Service, Inc.
- West – Stephen Randall Wilson, Jr.
- West – Billie Platt and Gale Carr ½ et al
- West – KCS railroad

Allen’s Electric Motor Service, Inc. on the adjoining property to the west occupies an approximate 40,000 square foot industrial building that was built around 2002. It services the oil field market in northwestern Louisiana.

## **4.0 USER PROVIDED INFORMATION**

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### **4.1 TITLE RECORDS**

A file examination and title search has not been provided on the subject property. Copies of Warranty Deed(s) for the property were provided by the user and are included in the appendices to this report. According to the Caddo Parish public records, the subject property is currently comprised of twelve (12) tax parcels including:

- 211505000002500 owned by Caddo Ward II Industrial Development Corporation (152.453 acres)
- 211506000000700 owned by Caddo Parish Commission (160 acres)
- 211506000001800 owned by Caddo Ward II Industrial Development Corporation (29.091 acres)
- 211506000001900 owned by Caddo Ward II Industrial Development Corporation (7.909 acres)
- 211506000002200 owned by Caddo Ward II Industrial Development Corporation (238.03 acres)
- 211508000001200 owned by Caddo Ward II Industrial Development Corporation (40 acres)
- 211601000000100 owned by Caddo Parish Commission (69 acres)
- 211601000003000 owned by Caddo Ward II Industrial Development Corporation (9.48 acres)
- 211601000002200 owned by Caddo Ward II Industrial Development Corporation (192.482 acres)
- 211601000001400 owned by James S. Hubbard (21.54 acres)
- 211601000001000 owned by Knight Land & Oil Development Company, LLC (39.85 acres)
- 211601000001900 owned by Doyleene Moore (25.5 acres)

The most recent past owners have been Lakeway Development, Barrow Health, and Texaco. It is understood that the user is performing due diligence on the property to utilize this information to help market Ward II Industrial Park as a viable location for industrial manufacturing, warehousing and/or distribution purposes.

#### **4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS**

No evidence of any past environmental liens and/or activity and use limitations were noted relative to the property. A Chain of Title for the property was not provided by the user for review and inclusion into this assessment. Warranty Deed(s) for the property were provided by the user and are included in the appendices to this report. According to EDR's report, no Federal Superfund Liens were found on the subject property. Additionally, the records review did not reveal the presence of any CERCLA Lien Information on the subject property. The user is not aware of any environmental cleanup liens or activity and land use limitations against the property. The Ward II Industrial Park is subject to restrictive covenants that dictate the land use, building construction, height limitations, building set-backs, driveway approaches, parking areas, loading docks, outside storage, fencing, easements, tract subdivision, signs, landscaping, site maintenance, waste discharge, nuisances and pollution.

#### **4.3 SPECIALIZED KNOWLEDGE**

The user has no specialized knowledge or experience related to the property other than what is contained in this report. The subject property has traditionally been used for agriculture, silviculture, rural residential, cemetery and oil/gas exploration purposes. No other land use other than for what has been previously mentioned has been associated with the property. This park is owned by two public entities - Ward II Industrial Development Corporation and the Caddo Parish Commission. Neither property owner is engaged in business that provides specialized knowledge of chemicals and processes used by neighboring parcels.

#### **4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

The user is not aware of any commonly known or reasonably ascertainable information relating to the property other than what is contained in this report. Conveyance records of Caddo Parish, LA were examined for the surface ownership of the subject property. Recent past owners have been Lakeway Development, Barrow Health, and Texaco. The subject property traditionally has been used for agriculture, silviculture, rural residential, cemetery and oil/gas exploration purposes. Furthermore, no specific

chemicals are present or once were present on the property other than those used for those purposes. No chemical spills or other releases have been associated with the property and no environmental cleanups have taken place on the property according to site reconnaissance, records reviewed and interviews with those knowledgeable of the property. The property may have included the use of herbicides, pesticides, and fertilizers in connection with past farming activities. However, herbicides, pesticides, and fertilizers are usually excluded from recognized environmental conditions (RECs) as defined by ASTM Practice E 1527-13 if applied in accordance with labeling requirements established for that product or typical routine application. In addition, redevelopment of the property will result in mixing of the soils. As a result, any previous farming use, including the use of herbicides, pesticides, and fertilizers, is not anticipated to impact the property.

#### **4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

According to the user, the purchase price is commensurate with fair market value of the property. The purpose of this industrial park is to generate jobs within a rural community. Any change in the purchase price would be intended to secure well paid jobs, not because of a known contaminant. An appraisal of the property was not provided by the user. It should be noted that the user is not required to disclose the actual purchase price to the environmental professional.

#### **4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

According to the Caddo Parish public records, the subject property is currently comprised of twelve (12) tax parcels including:

- 211505000002500 owned by Caddo Ward II Industrial Development Corporation (152.453 acres)
- 211506000000700 owned by Caddo Parish Commission (160 acres)
- 211506000001800 owned by Caddo Ward II Industrial Development Corporation (29.091 acres)
- 211506000001900 owned by Caddo Ward II Industrial Development Corporation (7.909 acres)
- 211506000002200 owned by Caddo Ward II Industrial Development Corporation (238.03 acres)
- 211508000001200 owned by Caddo Ward II Industrial Development Corporation (40 acres)

- 211601000000100 owned by Caddo Parish Commission (69 acres)
- 211601000003000 owned by Caddo Ward II Industrial Development Corporation (9.48 acres)
- 211601000002200 owned by Caddo Ward II Industrial Development Corporation (192.482 acres)
- 211601000001400 owned by James S. Hubbard (21.54 acres)
- 211601000001000 owned by Knight Land & Oil Development Company, LLC (39.85 acres)
- 211601000001900 owned by Doyleene Moore (25.5 acres)

The property is currently vacant. The user requested the Phase I ESA for their use in marketing the property as a viable location for manufacturers and distributors.

#### **4.7 REASON FOR PERFORMING PHASE I**

The reason for performing the Phase I ESA is to satisfy the requirements to qualify for landowner liability protection (LLP) to CERCLA liability.

## **5.0 RECORDS REVIEW**

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### **5.1 STANDARD ENVIRONMENTAL RECORD SOURCES**

#### **5.1.1 FEDERAL NPL SITE LIST**

The records review did not reveal the presence of any national priority list sites or proposed national priority list sites within a 1.0-mile radius of the subject property. Further, no federal superfund liens were found on the subject property.

#### **5.1.2 FEDERAL DELISTED NPL SITE LIST**

The records review did not reveal the presence of any national priority list deletions within a 1.0-mile radius of the subject property.

#### **5.1.3 FEDERAL CERCLIS LIST**

The records review did not reveal the presence of any federal facility site information listing or superfund enterprise management system sites within a 0.5-mile radius of the subject property.

#### **5.1.4 FEDERAL CERCLIS NFRAP SITE LIST**

The records review did not reveal the presence of any archived superfund enterprise management system sites within a 0.5-mile radius of the subject property.

#### **5.1.5 FEDERAL RCRA CORRACTS FACILITIES LIST**

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is one (1) CORRACTS site within approximately one (1) mile of the subject property.

Superior Tie and Timber located at 14800 Highway 1, Vivian, LA 71082 is listed on the CORRACTS database. The facility is a RCRA generator (LAD 980622054) listed as a Class I Large Quantity Generator. Superior Tie and Timber is located 0.572 miles south of the subject property.

**5.1.6 FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

The records review did not reveal the presence of any RCRA-treatment, storage, and disposal facilities within a 0.5-mile radius of the subject property.

**5.1.7 FEDERAL RCRA GENERATORS LIST**

The records review did not reveal the presence of any RCRA-large quantity generators, RCRA-small quantity generators, or RCRA-conditionally exempt small quantity generators within a 0.25-mile radius of the subject property.

**5.1.8 FEDERAL INSTITUTIONAL CONTROL/ENGINEERING CONTROL REGISTRIES**

The records review did not reveal the presence of any land use control information system registries, engineering controls sites list, or sites with institutional controls within a 0.5-mile radius of the subject property.

**5.1.9 FEDERAL ERNS LIST**

The records review did not reveal the presence of any emergency response notification system list on the subject property.

**5.1.10 STATE AND TRIBAL-EQUIVALENT CERCLIS**

The records review did not reveal the presence of any CERCLA/Uncontrolled sites file list within approximately 1.0 mile of the subject property.

**5.1.11 STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

The records review did not reveal the presence of any solid waste landfills or debris site locations within a 0.5-mile radius of the subject property.

**5.1.12 STATE AND TRIBAL LEAKING STORAGE TANK LISTS**

The records review did not reveal the presence of any leaking underground storage tanks or leaking underground storage tanks on Indian land within approximately 0.5 miles of the subject property.

**5.1.13 STATE AND TRIBAL REGISTERED STORAGE TANK LISTS**

The records review did not reveal the presence of any underground storage tanks, above ground storage tanks, or underground storage tanks on Indian land within approximately 0.25 miles of the subject property.

**5.1.14 STATE AND TRIBAL INSTITUTIONAL CONTROL/ENGINEERING CONTROLS REGISTRIES**

The records review did not reveal the presence of any sites with engineering controls or sites with institutional controls within a 0.5-mile radius of the subject property.

**5.1.15 STATE AND TRIBAL VOLUNTARY CLEANUP SITES**

The records review did not reveal the presence of any voluntary cleanup priority listing or voluntary evaluation program sites within a 0.5-mile radius of the subject property.

**5.1.16 STATE AND TRIBAL BROWNFIELD SITES**

The records review did not reveal the presence of any uncontrolled sites list within approximately 0.5 miles of the subject property.

**5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES**

**5.2.1 LOCAL BROWNFIELD LISTS**

The records review did not reveal the presence of any Brownfield sites within approximately 0.5 miles of the subject property.

**5.2.2 LOCAL LISTS OF LANDFILL/SOLID WASTE DISPOSAL SITES**

Review of the Louisiana recycling directory, commercial waste tire haulers, report of the status of open dumps on Indian lands, open dump inventory, and Torres Martinez reservation illegal dump site locations did not reveal the presence of any landfill/solid waste disposal sites within a 0.5-mile radius of the subject property.



### **5.2.3 LOCAL LISTS OF HAZARDOUS WASTE/CONTAMINATED SITES**

A review of the DEL SHWS list, as provided by EDR, and dated 04/08/2021 has revealed that there is one (1) DEL SHWS site within approximately one (1) mile of the subject property.

Superior Tie & Timber Co. located at 14800 Highway 1, Vivian, LA 71082 is listed on the DEL SHWS database. Superior Tie & Timber is currently registered as an Archived superfund site by the EPA and does not require any clean up action or further investigation at this time. Both the EPA and LDEQ have assigned the site a No Further Action (NFA) designation. Superior Tie & Timber Co. is located 0.572 miles south of the subject property. Given the NFA status, no impacts to the subject property are expected.

### **5.2.4 LOCAL LAND RECORDS**

The records review did not reveal the presence of any CERCLA lien information on the subject property.

### **5.2.5 RECORDS OF EMERGENCY RELEASE REPORTS**

Review of the hazardous materials information reporting system did not reveal the presence of any emergency release reports on the subject property.

### **5.2.6 OTHER ASCERTAINABLE RECORDS**

A review of the Underground Injection Wells Listing (UIC), as provided by EDR, and dated 02/02/2021 has revealed that there is one (1) UIC site within the subject property.

Exxon SWD #1, Serial # 974422 operated by Nathan Hale Oil Co. located on the subject property in Section 5, Township 21 North, Range 15 West, Caddo Parish is listed in the UIC database. This well is listed as an active injection well that produced salt water. It was permitted in 2013. The measured depth is 1,320 feet. According to the latest inspection report, this well is in compliance and passed inspection. Given the achieved compliance, no impacts to the subject property are expected.

### **5.2.7 EDR EXCLUSIVE RECORDS**

The records review did not reveal the presence of any manufactured gas plants within a 1.0-mile radius of the subject property. Additionally, the records review did not reveal the presence of any historic gas stations or historic dry cleaners within a 0.125-mile radius of the subject property.

### **5.2.8 EXCLUSIVE RECOVERED GOVERNMENT ARCHIVES**

Review of the recovered government archive state hazardous waste facilities list, solid waste facilities list, and leaking underground storage tank list did not reveal the presence of any facilities on the subject property.

## **5.3 PHYSICAL SETTING SOURCES**

A review of the U.S.G.S. 1998 Vivian South, Louisiana Quadrangle Maps covering the subject property revealed that the property is gently sloping with an elevation ranging from of approximately 200 to 330 feet above sea level. The general topographic gradient of the property is south in the eastern portion of the subject property and west in the western portion of the site. Drainage from the property is directed generally south in the eastern portion of the site towards Tiger Branch. The western portion of the property drains west-southwest towards Harold Creek. Onsite drainage can be considered well drained across most of the tract. Surface topography may be indicative of the direction of groundwater flow. Therefore, it is assumed that groundwater also flows south in the eastern portion of the property and west-southwest in the western portion of the site. The depth to groundwater is about 42 to 60 inches across most of the site.

The geology of the general area consists of Tertiary and Cretaceous marine sediments underlying most of this area. The water wells in the area are tapped from the Mississippi embayment aquifer system Wilcox Aquifer. The depth of these wells range from 127 to 225 feet. Drinking water is supplied to the property by the Vivian Water System. The source of their water is surface water intake from James Bayou Caddo Lake.

As evidenced by the USDA Custom Soil Resource Report for Caddo Parish, Louisiana, the soils within the limits of the subject property consist of Bernaldo fine sandy loam, 0 to 3 percent slopes

(BaB), Bowie fine sandy loam, 1 to 5 percent slopes (BoC), Briley loamy fine sand, 1 to 5 percent slopes (BrC), Dubach fine sandy loam, 1 to 5 percent slopes (DuC). Eastwood fine sandy loam, 1 to 5 percent slopes (EaC), Guyton-lulus complex, 0 to 1 percent slopes, frequently flooded (GYA), Keithville very fine sandy loam, 1 to 5 percent slopes (KeC), Kirvin fine sandy loam, 5 to 15 percent slopes (KiD), Metcalf-Timpson complex, 0 to 2 percent slopes (MEA), Sacul fine sandy loam, 1 to 5 percent slopes (SaC), Sailes fine sandy loam, 1 to 5 percent slopes (SeC), Sailes fine sandy loam, 5 to 12 percent slopes (SeE), and Wrightsville-Timpson complex, 0 to 1 percent slopes (WTA). Each of these soils is classified as not hydric (0%) by the USDA NRCS except for BaB which is classified as 1 to 32 percent hydric and GYA and WTA which are classified as 33 to 65 percent hydric.

A review of the Federal Emergency Management Agency's National Flood Insurance Program, Caddo Parish Unincorporated Areas Flood Insurance Rate Map Panel 22017C0200H dated 5/19/2014 was conducted. This review confirmed that most of the subject property is in Zone X, an area of minimal flood hazard. However, 37.80 acres of the subject property along a drainage in the eastern portion of the site is located within Zone A, an area with a one percent annual chance flood hazard. A copy of the FEMA flood map is included in the appendices of this report.

#### **5.4 HISTORICAL USE INFORMATION ON THE PROPERTY**

Reasonably ascertainable records for the subject property extended back to approximately 1949. Data failure occurred prior to that date and during the 1960s. However, the research did not identify any significant data gaps during the completion of this Phase I ESA. Historical land use review of the subject property was provided by historic aerial photography reviewed and interviews with those knowledgeable of the property. Aerial photography indicates the subject property was utilized for agriculture, silviculture, rural residential, cemetery and oil/gas exploration purposes from 1949 until present day. The current land use is vacant industrial property.

Dating back to 1949, the property was in trees and open fields and most likely utilized for both agriculture and silviculture purposes as well as rural residential. Interior roads can be seen laid out through the central portion of the site. Louisiana Highway 170 is

visible along the eastern boundary. The Superior Oil Refinery is observed to the southwest of the subject property. Surrounding properties are mostly forested with some open fields. In a 1957 aerial photograph, the property appears with scattered trees and a few open fields. In a 1970 aerial, the southeastern portion of the property appears to be in oil field use while the rest of the property remains in agriculture and silviculture. No changes occurred on the property on the 1975 aerial except for a timber harvest on the eastern portion of the subject property. In a 1985 aerial photograph, the subject property appears much the same as it did on the 1975 aerial. Superior Tie & Timber can be seen on the former location of the Superior Oil Refinery to the southwest. A 1989 aerial shows another timber harvest in the central portion of the subject property. Roy "Hoppy" Hopkins Drive is first visible on the 1998 aerial photograph and enters the property from the west before terminating in the central portion of the site. Allen's Electric Motor Services was constructed on the adjacent property to the west on the 2004 imagery. In a 2007 aerial photograph, Roy "Hoppy" Hopkins Drive was extended east through the central portion of the property to connect with Louisiana Highway 170. In addition, a square lot was cleared for future industrial development. No changes occurred on the 2010 imagery. An oil/gas well was constructed on the adjoining property to the south on the 2013 imagery. In a 2017 aerial, more land within the central portion of the subject property was cleared for development. Based on our investigations, no other known land use has been associated with the subject property. Currently, there are no structures located on the site.

Review of historical topo maps was also conducted. The 1998 topo map shows forestland interspersed with a few open fields on the subject property. The 1998 topo map also shows interior roads laid out within the central, eastern, and western portions of the subject property. Features identified within the subject property on the 1998 topo map include a drill hole in the southwestern portion of the property, Hancock Cemetery in the central portion of the property, and an oil field in the southeastern portion of the property. Surrounding properties are mostly forested. The Kansas City Southern railroad is depicted on the west property boundary along Louisiana Highway 1. Superior is noted to the southwest and Vivian to the northwest. The records and historical photographs (Years 1949, 1957, 1970, 1975, 1985, 1989, 1998, 2004, 2007, 2010,

2013 and 2017) reviewed did not reveal any other known land use activities on the subject property.

## **5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES**

Through time, the general land use of the properties adjoining the subject property has been dedicated to undeveloped forestland, single family residential, road right-of-way, and oil field.

Caddo Parish public records show the adjacent properties are:

- North – Chevron U.S.A. Inc.
- North – Doyleene Moore
- North – Michael Raymond Sloss 12.5% et al
- North – BW&C Equipment Co. Inc. ½ et al
- North – Parker Family Interests, LLC
- North – The One Foundation
- North – Red Oak Properties, LLC
- North – LA Highway 170
- North – Sarah Virginia Barlow
- North – James Gregory Lacaze & Lorrie Ann Lewing Lacaze & Travis L. Freeman
- North – Munis K. Woolbert, Jr.
- East – Shelly T. Hortman and Scott A. Hortman ½ et al
- South – Mount Gilead Road
- South – John A. Caldwell, et al
- South – Karen Lee Bonner Moore
- South – Andrew Pauland Wells
- South – Nathan and Becky Joyce Jetton Hale
- South – Texaco, Inc.
- South – James S. Hubbard
- West – Allen’s Electric Motor Service, Inc.
- West – Stephen Randall Wilson, Jr.
- West – Billie Platt and Gale Carr ½ et al
- West – KCS railroad

Allen’s Electric Motor Service, Inc. on the adjoining property to the west occupies an approximate 40,000 square foot industrial building that was built around 2002. It services the oil field market in northwestern Louisiana.

## **6.0 SITE RECONNAISSANCE**

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### **6.1 METHODOLOGY AND LIMITING CONDITIONS**

Given the nature of the property, systematic transect lines were not employed in the site reconnaissance methodology. Rather, a mapping system was employed whereby the visual and/or physical features of the property and adjoining properties were mapped on a property site map utilizing the Global Positioning System (GPS) waypoints. Data point locations were established using a systematic approach based upon observations of any structures, roads or other improvements that were encountered in the field. Prior to the site visit, aerial photography was reviewed to identify structures and potential areas of concern (disturbed areas or other features) and those areas were physically inspected along with other accessible areas. These data point locations are identified utilizing the GPS and their location to the property. In addition, representative photographs were taken at each data point location. Limitations such as dense vegetation were encountered on portions of the subject property during the site reconnaissance. As a result, data points and site photographs were not obtained in these areas. No additional limitations were imposed during site reconnaissance by physical obstructions such as adjacent buildings, bodies of water, asphalt, or other paved areas, or other physical constraints such as snow or rain.

### **6.2 GENERAL SITE SETTING**

As discussed, the preponderance of the subject property can best be currently described as vacant industrial property utilized for silviculture purposes. The current land use of the property is a developing industrial park. The Caddo Ward II Industrial Park is located within the northwest corner of Louisiana in proximity to the states of Texas to the west and Arkansas to the north. This "Gateway Region" has a unique location close to two east-west interstate highways (I-20 and I-30), a north-south interstate (I-49), and a north-south rail service (KCS), providing easy access to millions of potential customers. Currently, there are no standing structures located on the site.

### **6.3 INTERIOR AND EXTERIOR OBSERVATIONS**

#### **6.3.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS IN CONNECTION WITH IDENTIFIED USES**

No indication of any hazardous substances or petroleum products, including storage, handling and disposal were found on the subject property during the site reconnaissance other than the oil field wells previously mentioned.

#### **6.3.2 STORAGE TANKS**

The site reconnaissance did not reveal the presence of any storage tanks on the property other than one aboveground storage tank, presumably to hold water, located on its side on the far west side of the site. In addition, the Nathan Hale Oil Company Exxon Lease Tank Battery is located within the southeast corner of the site.

#### **6.3.3 ODORS**

The site reconnaissance did not reveal the presence of any strong, pungent, or noxious odors on the subject property.

#### **6.3.4 POOLS OF LIQUID**

No pools or sumps containing liquids likely to be hazardous substances or petroleum products were observed during the site reconnaissance.

#### **6.3.5 DRUMS**

The site reconnaissance did not reveal the presence of any drums on the property.

#### **6.3.6 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS CONTAINERS**

The site reconnaissance did not reveal the presence of any hazardous substances or petroleum products containers on the property.

#### **6.3.7 UNIDENTIFIED SUBSTANCE CONTAINERS**

The site reconnaissance did not reveal the presence of any unidentified substance containers on the property.

### **6.3.8 PCBS**

While overhead electrical lines are present along Roy "Hoppy Hopkins Drive, no indications or presence of PCBs were noted on the subject property. Pole mounted transformers associated with the electrical lines were visually inspected and all appear to be in normal operating condition with no signs of leakage.

### **6.3.9 HEATING/COOLING**

Currently, there are no standing structures located on the site. Therefore, the site reconnaissance did not reveal the presence of any heating/cooling components on the property.

### **6.3.10 STAINS OR CORROSION**

The site reconnaissance did not reveal the presence of any stains or corrosion on the subject property.

### **6.3.11 DRAINS AND SUMPS**

The site reconnaissance did not reveal the presence of any drains or sumps on the subject property.

### **6.3.12 PITS, PONDS, OR LAGOONS**

The site reconnaissance did not reveal the presence of any pits, ponds, or lagoons on the subject property.

### **6.3.13 STAINED SOIL OR PAVEMENT**

The site reconnaissance did not reveal the presence of any stained soil or pavement on the subject property other than one area of stained soil located near Nathan Hale Oil Company Humble D-1 active-producing oil well located in the southeastern portion of the site. The stained soil is a recognized environmental condition.

### **6.3.14 STRESSED VEGETATION**

The site reconnaissance did not reveal the presence of any stressed vegetation on the subject property.

### **6.3.15 SOLID WASTE**

The site reconnaissance did not reveal the presence of any solid waste disposal sites, garbage dumps, or trash dumps on the subject



property other than one pile of debris on the far west side of the site, just north of the electrical business. It appears to be sheet metal siding/roofing left over from when they built the adjacent building (Allen's Electric Motor Services, Inc.). Additionally, the site reconnaissance did not reveal the presence of any unnatural fill on the subject property. General refuse was observed along roadways.

#### **6.3.16 WASTEWATER**

The site reconnaissance did not reveal the presence of any wastewater or other liquids (except for storm water) on the subject property. Sanitary sewer service is provided to the industrial park through an 8-inch sewer main with a lift station.

#### **6.3.17 WELLS**

Review of the EDR DataMap™ Well Search report revealed the presence of nine (9) federal water wells, thirty-nine (39) state water wells, and 1,804 state oil/gas wells located within one (1) mile of the subject property. Of these, approximately forty-nine (49) state oil/gas wells are located within the boundaries of the subject property including one (1) active injection well Exxon SWD #1, Serial # 974422 operated by Nathan Hale Oil Co. For more information on these wells, please see the well information found in the EDR report located in the appendices to this report.

#### **6.3.18 SEPTIC SYSTEMS**

The site reconnaissance did not reveal the presence of any onsite septic system on the subject property.

## **7.0 INTERVIEWS**

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### **7.1 INTERVIEWS WITH OWNER, SITE MANAGER, AND OCCUPANTS**

Justyn Dixon, President of North Louisiana Economic Partnership, completed the user questionnaire on July 29, 2021. Mr. Dixon was not aware of any environmental cleanup liens or activity and land use limitations filed or recorded against the subject property. According to Mr. Dixon, there is no zoning at the site. However, the industrial park is intended for industrial manufacturing and distribution. There are industrial park covenants that indicate height restrictions (45 ft.) and minimum setbacks. According to Mr. Dixon, this park is owned by two public entities - Ward II Industrial Development Corporation and the Caddo Parish Commission. Neither property owner is engaged in business that provides specialized knowledge of chemicals and processes used by neighboring parcels. Furthermore, Mr. Dixon was not aware of any chemical releases, environmental cleanups, or contamination present at the property. Mr. Dixon stated that recent past owners have been Lakeway Development, Barrow Health and Texaco. Mr. Dixon stated that the purchase price is commensurate with fair market value of the property. The purpose of this industrial park is to generate jobs within the rural community. Any change in the purchase price would be intended to secure well paid jobs, not because of a known contaminant. The reason for the Phase I ESA is to utilize this information to help market Ward II Industrial Park as a viable location for manufacturers and distributors. The type of property transaction is sale. Mr. Dixon identified the following parties who will rely on the Phase I report: Ward II Industrial Development Corporation, Caddo Parish Commission, and North Louisiana Economic Partnership. James LaCaze, President of Ward II Industrial Development Corporation (318-470-8791) was listed as the site contact. Mr. Dixon was aware of a Phase I ESA completed in December 2010 by Alliance Inc.

### **7.2 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS**

Interagency reviews were petitioned of the following governing agencies:

- 7.2.1** The local fire department was not contacted regarding any known recognized environmental conditions or emergency

responses regarding the subject property. All public information requests are submitted to the Caddo Parish Communications manager. Please see response below in Section 7.2.3.

- 7.2.2** The Louisiana Department of Health ([ldh.la.gov](http://ldh.la.gov)) website was accessed on July 29, 2021, regarding the drinking water supplied to the subject property. According to the 2020 Consumer Confidence Report for the Vivian Water System (PWS# LA1017037), the drinking water supplied to the property from the municipal system meets or exceeds all Federal and State drinking water standards.
- 7.2.3** The Communications Manager for Caddo Parish, Krystle Beauchamp, (318-226-6900) was contacted via telephone on August 23, 2021, regarding any known recognized environmental conditions or emergency responses regarding the subject property. Headwaters, Inc. left a voicemail for Ms. Beauchamp and followed up with an email Public Information Request. To date, Ms. Beauchamp has not returned our phone call or email.

## **8.0 FINDINGS, OPINIONS AND CONCLUSIONS**

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Headwaters, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 on the Ward II Industrial Park site. Any exceptions to or deletions from this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions relating to the property except for the following.

Headwaters, Inc. retained Environmental Data Resources, Inc. (EDR) to provide the EDR Area/Corridor Report, which is an environmental database search of local, state, tribal and federal agency information. The search was performed to the minimum search distance required by ASTM E 1527 standards. The information was compiled by EDR and is documented in a report dated July 23, 2021 located in the appendices to this report.

The records review conducted on the property by EDR did not reveal the presence of any recognized environmental conditions that would point towards the likely presence of contamination on the subject property. The subject property was listed in one (1) of the databases searched by EDR.

A review of the Underground Injection Wells Listing (UIC), as provided by EDR, and dated 02/02/2021 has revealed that there is one (1) UIC site within the subject property.

1. Exxon SWD #1, Serial # 974422 operated by Nathan Hale Oil Co. located on the subject property in Section 5, Township 21 North, Range 15 West, Caddo Parish is listed in the UIC database. This well is listed as an active injection well that produced salt water. It was permitted in 2013. The measured depth is 1,320 feet. According to the latest inspection report, this well is in compliance and passed inspection. Given the achieved compliance, no impacts to the subject property are expected.

Furthermore, one (1) surrounding site was identified within multiple databases in the search radius around the subject property.

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is one (1) CORRACTS site within approximately one (1) mile of the subject property.

A review of the DEL SHWS list, as provided by EDR, and dated 04/08/2021 has revealed that there is one (1) DEL SHWS site within approximately one (1) mile of the subject property.

1. Superior Tie & Timber Co. also known as Trans-Serve Inc. located at 14800 Highway 1, Vivian, LA 71082 is listed on the Deleted Potential & Confirmed Hazardous Waste/Contaminated Sites (DEL SHWS), National Pollutant Discharge Elimination System (NPDES), LDEQ UST and Remediation Division (REM), Superfund Enterprise Management System Archive (SEMS-Archive), Corrective Action Report (CORRACTS), RCRA-Treatment, Storage and Disposal (TSDF) and RCRA-Large Quantity Generators (LQG) databases. This company engaged primarily in the business of manufacturing wooden railroad ties. Operations commenced in 1980 on the former site of the Superior Oil Refinery. The facility was originally classified as a TSD with creosote wood preservation followed by wastewater treatment via aeration basin and transfer to evaporation ponds. The facility is a RCRA generator (LAD 980622054) listed as a Class I LQG. The facility received closure permit LAD980622054-CP1 for Evaporation Pond 1 in 1985. The facility currently has a town permit #91187-2 for its wastewater discharge into the Vivian wastewater treatment system. During a June 2000 site inspection, the facility appeared to discharge storm water runoff under NPDES LAR00A11S. A 45,000-gallon capacity underground storage tank (UST) used to store creosote fuel/oil mix was closed in 1992 under LDEQ UST Division. EPA performed a preliminary assessment of this site in 1988-1989. According to the report, the facility was an active creosote wood treatment plant that did not store or generate hazardous waste. The facility's wastewater was discharged into the Vivian wastewater treatment system. Evaporation pond 1 was used for wastewater treatment but it was clean closed under DEQ-HWD in 1986. Soil and groundwater sampling conducted by the EPA showed no contamination migration on the site. Based on the results of the preliminary assessment, the EPA assigned the site a No Further Action Planned (NFRAP) designation in 1989. In June 2000, LDEQ-RSD conducted a follow-up inspection and, after examining all permit information, made a complete tour of the facility noting no serious environmental problems. LDEQ-OEC also conducted an inspection of the facility in June 2000 and found two violations which were corrected at the time of the inspection. As a result, it was recommended that the LDEQ-RSD take No Further Action (NFA) regarding the site. Superior Tie & Timber is currently

registered as an Archived superfund site by the EPA and does not require any clean up action or further investigation at this time. Superior Tie and Timber is located 0.572 miles south of the subject property. Given the NFA designation, no impacts to the subject property are anticipated.

The site reconnaissance activities conducted on the property by Headwaters, Inc. revealed the presence of **recognized environmental conditions** that would point towards the likely presence of contamination on the subject property. During the site investigation conducted on July 26, 27 and 28, 2021, Headwaters, Inc. noted no evidence of hazardous substances but did reveal petroleum products located within the subject property. Specifically, stained soil in the vicinity of an oil well operated by Nathan Hale Oil Company. The soil staining was observed near Humble D-1 Serial No. 113147 which is an active-producing oil well. This well was permitted in 1965 and completed in 1966. The well passed inspection in 2014 and 2020. The soil staining appears to be coming from a flow line leak. It is the recommendations of this Phase I ESA that the soil staining be excavated and properly disposed of offsite. In addition, consideration should be given to a limited Phase II ESA in this area including soil testing and/or groundwater monitoring to determine the presence or absence of the identified REC.

Five (5) **potential business environmental risks** were identified. These potential business environmental risks could have an impact on the business associated with the planned use of the property.

1. The EDR DataMap™ Well Search Report revealed the presence of approximately forty-nine (49) state oil/gas wells located within the boundaries of the subject property. The location and/or presence of these oil/gas wells should be considered during any construction/redevelopment activities.
2. Review of the 1998 Vivian South, LA Quadrangle map revealed the presence of Hancock Cemetery located within the boundaries of the subject property. The location and/or presence of this cemetery should be considered during any construction/redevelopment activities.
3. The National Wetlands Inventory (NWI) revealed the presence of potential riverine streams within the boundaries of the subject property. Given this, a U.S. Army Corps of Engineers (USACE) Section 404 wetlands permit authorization may be required for the

proposed construction project and further coordination with the USACE Vicksburg District Regulatory Program may be required. A copy of the NWI map is included in the appendices of this report.

4. A review of the Federal Emergency Management Agency's National Flood Insurance Program, Caddo Parish Unincorporated Areas Flood Insurance Rate Map Panel 22017C0200H dated 5/19/2014 was conducted. This review confirmed that most of the subject property is in Zone X, an area of minimal flood hazard. However, 37.80 acres of the subject property along a drainage in the eastern portion of the site is located within Zone A, an area with a one percent annual chance flood hazard. A copy of the FEMA flood map is included in the appendices of this report.
5. A review of the United States Department of the Interior Fish and Wildlife Service Louisiana Ecological Services Field Office List of threatened and endangered species that may occur in the proposed project location or may be affected by the proposed project revealed the presence of four (4) threatened, endangered, or candidate species on this species list. These include the Northern Long-eared Bat (*Myotis septentrionalis*), Red-cockaded Woodpecker (*Picoides borealis*), Monarch Butterfly (*Danaus plexippus*) and *Geocarpon minimum*. Given this, further coordination with the Louisiana Ecological Services Field Office may be required.

Analysis of historical records, historical uses, federal, state, local and tribal government records, physical setting information and user specialized knowledge by Headwaters, Inc. did not reveal the presence of any vapor encroachment conditions on the subject property. The Federal EPA Radon Zone for Caddo Parish is Zone 3. Counties in Radon Zone 3 have a predicted average indoor radon screening level less than 2 picocuries per liter. EPA recommends homeowners take steps to reduce radon levels when homes have radon levels of 4 picocuries per liter or more. Therefore, no further actions are recommended.

The site reconnaissance and records review did not reveal the presence of any recognized environmental conditions on the property that would negatively affect utilization of the subject property for use as commercial property. The information gathered during the site reconnaissance and records review did not present any significant data gaps that may affect our ability as the environmental professional to identify recognized environmental conditions relating to the subject property. Headwaters, Inc. was not provided with and/or has no knowledge of any prior

environmental assessment reports conducted on the subject property other than a Phase I ESA of the Ward II Industrial Park Caddo Parish, Louisiana prepared for Ward II Industrial Development Corporation by Alliance Incorporated in December 2010. This assessment along with the onsite investigation revealed that there were no recognized environmental conditions in connection with the site. Therefore, no further assessment was required.

Based upon the findings of all aspects of the site assessment and records review conducted in accordance with procedures established by ASTM International, ASTM Designation E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", no further actions other than what has previously been stated are recommended.



## **9.0 ADDITIONAL SERVICES**

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### **9.1 ASBESTOS-CONTAINING BUILDING MATERIALS AND LEAD-BASED PAINT**

Neither an asbestos survey nor lead based paint inspection was conducted as a component of the Phase I ESA process. Since there are no standing structures currently located on the site, it is not suspected that the subject property contains Asbestos Containing Materials (ACMs) or lead based paint.

### **9.2 RADON**

The Federal EPA Radon Zone for Caddo Parish is Zone 3. Counties in Radon Zone 3 have a predicted average indoor radon screening level less than 2 picocuries per liter. EPA recommends homeowners take steps to reduce radon levels when homes have radon levels of 4 picocuries per liter or more. Given this, no impacts to the subject property from radon is expected.

### **9.3 LEAD IN DRINKING WATER**

According to the 2020 Consumer Confidence Report for the Vivian Water System (PWS# LA1017037), the detected amount of lead for 2017-2019 was 3 parts per billion (ppb). The Maximum Containment Level (MCL) or the highest level of a contaminant that is allowed in drinking water is 15 ppb for lead. Therefore, the drinking water supplied to the property from the municipal system meets Federal drinking water standards for lead. The 2020 Consumer Confidence Report for the Vivian Water System (PWS# LA1017037) is included in the appendices to the report.

### **9.4 MOLD**

Currently, there are no structures located on the site. Therefore, the site reconnaissance did not reveal the presence of any moisture intrusions and/or mold growth.

### **9.5 WETLANDS**

The National Wetlands Inventory (NWI) revealed the presence of potential riverine streams within the boundaries of the subject property. Given this, a U.S. Army Corps of Engineers (USACE) Section 404 wetlands permit authorization may be required for the

proposed construction project and further coordination with the USACE Vicksburg District Regulatory Program may be required. A copy of the NWI map is included in the appendices of this report.

#### **9.6 ENDANGERED SPECIES**

A review of the United States Department of the Interior Fish and Wildlife Service Louisiana Ecological Services Field Office List of threatened and endangered species that may occur in the proposed project location or may be affected by the proposed project revealed the presence of four (4) threatened, endangered, or candidate species on this species list. These include the Northern Long-eared Bat (*Myotis septentrionalis*), Red-cockaded Woodpecker (*Picoides borealis*), Monarch Butterfly (*Danaus plexippus*) and *Geocarpon minimum*. Given this, further coordination with the Louisiana Ecological Services Field Office may be required.

## 10.0 REFERENCES

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American Society of Testing and Materials (ASTM). 2013. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Designation E 1527-13. ASTM International, West Conshohocken, PA.

Environmental Data Resources, Inc. (EDR) - The EDR Area/Corridor Report, The EDR Aerial Photo Decade Package, and Certified Sanborn® Map Report, edrnet.com, dated July 23, 2021.

Environmental Protection Agency (EPA). Accessed 2021. Database identifies Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) facilities and RCRA generators.

Federal Emergency Management Agency (FEMA). Accessed: September 29, 2021. National Flood Insurance Program, Flood Insurance Rate Map. (<http://www.msc.fema.gov>).

Geospatial Data Gateway. Accessed 2021. Aerial Photography, USGS Quadrangle Maps, and other GIS information. (<https://gdg.sc.egov.usda.gov>).

Louisiana Department of Environmental Quality (LDEQ). Accessed 2021. Database identifies state uncontrolled sites (CERCLA), leaking underground storage tanks (LUSTs), registered underground storage tanks (USTs), municipal solid waste facilities, and state permitted water wells.

Louisiana Department of Health, (<https://ldh.la.gov>) website. Accessed: July 29, 2021. Consumer Confidence Report.

United States Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS). Web Soil Survey - Custom Soil Resource Report, [websoilsurvey.nrcs.usda.gov](http://websoilsurvey.nrcs.usda.gov), Accessed: September 28, 2021.

## **11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS**

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**SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

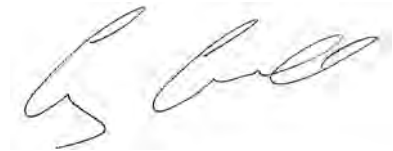
I declare that, to the best of my knowledge, I meet the definition of an Environmental Professional (EP) as set forth in 40 CFR §312.10.

I have the specific qualifications based on education, training and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions relative to a property of the nature, history, and setting of the subject property. I have developed and performed all the appropriate inquiries in conformance with ASTM E 1527-13 Standard Practice for Environmental Site Assessments.



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## **12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

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**HEADWATERS** INC.  
NATURAL RESOURCES CONSULTING

**Scope of Services  
and  
Statement of Qualifications**

**January 2020**

## Company Information

Headwaters, Inc. is a broad-based natural resources management and consulting firm, headquartered in Ridgeland, Mississippi, with a field office located in Tupelo, Mississippi. Our company has, for 28 years, maintained a multi-faceted natural resources management focus dealing primarily with issues related to environmental management, regulatory compliance, Phase I Environmental Site Assessments, forest resources, wildlife and fisheries management, and conservation easements. The Headwaters professional staff has compiled well over 100 years of experience in natural resources management, development, compliance, and permitting. Our staff is highly qualified with extensive experience and training which enables us to offer a wide range of dependable services with confidence. Headwaters has served, and currently serves, as the principal environmental consulting firm for a broad spectrum of client sectors that include various branches of State and Federal government agencies, Fortune 500 oil and gas companies, Fortune 500 electrical generation companies, and one of the largest rail way transportation companies in the southern United States. Our unique approach to completing all facets of environmental assessments, audits, and permitting needs is based upon our years of experience as natural resources managers. This has led Headwaters to be one of the premier natural resources consulting firms in the southern United States. Headwaters enjoys an exceptional reputation with the State and Federal resource agencies which has developed through years of providing thorough and dependable environmental documentation. The Headwaters philosophy to approaching the environmental process is based primarily upon taking a positive approach to finding solutions that address project needs and minimize project impacts. This positive approach to the regulatory process has insured a long-term pattern of success for both Headwaters and most importantly, our client base.

Headwaters began its operations in Vicksburg, Mississippi, in March 1989. Since that time, the company has enjoyed steady growth and moved into its current corporate office facilities in July 2013. Following our role as the principal environmental consultant for Toyota Motors Manufacturing and their Mississippi auto production facility, Headwaters established a branch office in Tupelo, Mississippi. Serving as consultants for major economic development projects in the southeastern United States, our Tupelo office provides assistance in managing our niche market with respect to economic development regulatory needs. With our corporate facility in Ridgeland, each office allows us to provide cost effective personnel and logistical support throughout Mississippi.



## USACE Wetland Delineations

The staff of Headwaters, Inc. is well versed in conducting wetland and stream field delineations within ecoregions throughout the southeast, including Arkansas, Louisiana, Mississippi, and Texas. Our knowledge and experience are based on the U.S. Army Corps of Engineers (USACE) Wetlands Research Program Technical Report Y-87-1 (Corps of Engineers Wetlands Delineation Manual January 1987- Final Report) by Environmental Laboratory and the Waterways Experiment Station and the Regional Supplement Version 2.0 (November 2010 - Atlantic and Gulf Coastal Plain and May 2012 - Eastern Mountains and Piedmont). Continued research, training, and field experience within these ecoregions has led Headwaters to remain the premier environmental firm to conduct wetland and stream delineations, and regulatory coordination and management.

## USACE Pre-Application Meetings

The Headwaters personnel are highly experienced in all phases of the wetland delineation and determination, and regulatory permitting processes across the southern United States. Understanding the USACE regulatory program and having the opportunity to work with each major USACE District in the southern United States has allowed us the opportunity to develop professional relationships with each USACE District Regulatory Branch. A major aspect of the Section 404 Wetland Permit process is being able to know and identify the permitting requirements and conditions for each USACE District. Pre-application meetings with the USACE and/or other regulatory agencies are important when verifying the scope of work, permitting types/timelines, supplemental studies, and mitigation components to any project. The evolution of regulatory policies and the interpretation differences between Districts makes pre-application meetings a key component in any project planning. The experienced staff of Headwaters will ensure that each facet of the project will be presented and understood by the regulatory agencies to develop a realistic timeline and budget relative to the regulatory requirements.

## Phase I Environmental Site Assessments (ESAs)

The primary purpose for conducting a Phase I ESA is to determine if the real property (including improvements) being considered for purchase, refinance, foreclosure, or development is subject to "recognized environmental conditions" (RECs), particularly those described in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Clean Water Act (CWA), where applicable. The preparation of a Phase I ESA is intended to permit the purchaser to satisfy requirements that qualify for the "innocent landowner defense" to CERCLA liability, namely "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice", as defined in 42 USC §9601(35)(B).

The Headwaters environmental professionals have completed numerous Phase I ESAs on both developed and undeveloped properties throughout the southern United States. Headwaters personnel perform all the Phase I ESAs in conformance with standards developed and published by the ASTM International as ASTM *Standard Practice for Environmental Site Assessments (Designation E 152-13)*. The Phase I ESAs completed by the Headwaters staff are conducted in accordance with the requirements of the Environmental Protection Agency (EPA's) "All Appropriate Inquiries" final rule as recorded in 70 CFR 66070, and the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standards E 1527-13*.

Our experience working with Entergy has led to the development of a Transaction Screening Process and Phase I ESA process meeting the required standards as well as supplying Entergy personnel with the information necessary to make decisions.

## **Threatened and Endangered Species Surveys**

Headwaters offers an experienced team of threatened and endangered species specialists and offers a complete range of threatened and endangered species surveys and management services to fulfill your regulatory requirements. During the initial project planning, the staff of Headwaters will review the U.S. Fish and Wildlife Service (USFWS) and the State Department of Wildlife Fisheries (DWF) database for threatened and endangered species, candidate species, and other notable species of concern in association with the project area. Review of critical habitat is also a vital part of the initial project planning and will be completed using the critical habitat mapper interface and GIS technology. Based upon these initial findings, consultation with the USFWS can be important during the initial project planning, routing studies, alternative analysis, etc. to understand permit options. Having the knowledge at this stage in the design process will reduce potential construction delays and cost.

## **USACE Section 404/Section 10 Permitting**

Headwaters personnel are well experienced in the completion of the USACE Section 404/Section 10 Permitting process across all the USACE Districts encompassing the southern U.S. The USACE Section 404/Section 10 permitting is conducted following the completion of the wetlands delineation and subsequent reporting. Though each USACE District evaluates projects and has different specific rules they operate under, the Headwaters team has developed standardized evaluation processes to determine the need for and the type of permitting authorization that is required for each project. The Headwaters team is also well versed in the specifics of all the Regional Conditions included within each Section 404 Permit and has the proven knowledge needed to evaluate the project permitting requirements relative to those permit conditions.

## **USACE Section 408 Permitting**

Under Section 408 of the Rivers and Harbors Act, the USACE Civil Works within each USACE District has the authority to review and permit any and all proposed actions that could potentially permanently or temporarily affect any USACE Civil Works projects. Within the southern U.S., the vast majority of the potentially affected Civil Works Projects include the major river systems and other tributaries levee systems/USACE navigation projects. For the most part, these levee systems were constructed by the USACE or under the auspices of the USACE Civil Works and are controlled and maintained by a local levee district.

The Headwaters personnel has extensive experience successfully completing Section 408 coordination, review, and permitting for numerous projects within the southern U.S. on all aspects of utility line crossings on affected USACE Civil Works Projects. The staff has substantial working knowledge of all aspects of the Section 408 Permitting requirements and an in-depth knowledge of the requirements and procedures included in the updated Engineer Circular (EC) 1165-2-216 and has a good working relationship with the USACE Levee Section staff in each of the affected USACE Districts.

## DEQ Section 401 Water Quality Certifications

Upon the completion of the field wetland and stream delineation and review of the project design, a determination of the unavoidable wetland and stream impacts will be completed, which will provide guidance on the regulatory permitting requirements. In conjunction with a USACE Section 404 wetland permit, it may be that a Department of Environmental Quality (DEQ) Section 401 Water Quality Certification (WQC) is required. The Section 401 WQC is administered by the Water Quality Certification Branch of the DEQ to ensure that impacts to surface waters do not violate established water quality standards necessary for the health, safety, and welfare of the public and the environment. Section 401 of the Clean Water Act requires that:

- each State evaluate a proposed project relative to the water quality standards,
- the water quality criteria, established by the State, will not be violated during the course of the proposed project,
- the USACE provides the applicable State with a copy of the proposed project information for review and comment, and
- a USACE discharge permit cannot be issued for a project that does not meet State water quality criteria.

## Desktop Ecological Surveys

Headwaters routinely completes desktop ecological surveys within the region for several clients and for differing projects. Once a location is identified, Headwaters staff utilizes the GIS data and mapping to clearly identify the project footprint and the surrounding pertinent areas to complete the desktop reviews. The desktop ecological reviews include an assessment of the most current aerial photography and topographic mapping, LiDAR data and historical aerial photography to develop the baseline data and evaluation. The desktop reviews also include an assessment of the USFWS Threatened and Endangered Species database, the pertinent State species of concern and any State listed species and a review of the historical and present habitat types. The review also includes an identification of the past and current land use activities and a determination of any State and/or regional watershed, habitat and species management plans along with any potential State or Federal lands that may be affected. The desktop review also includes a review of the available State Department of Environmental Quality database to determine the potential for any adverse environmental conditions present within the area. The assessment findings are documented in a preliminary environmental assessment reporting format and includes all the information and GIS mapping and data assimilated during the desktop survey, database reviews and file reviews affected the location.

## Wildlife Protection Areas Special Use Permits

For activities within a Wildlife Management Area (WMA), National Forest, National Wildlife Refuge, or designated Scenic River, a Special Use Permit (SUP) typically is required. The SUP will remain separate from other State and Federal permit requirements that may also be pertinent for a specific project. Coordination will be completed directly with the Department of Wildlife and Fisheries for each respected State.

## **Storm Water Pollution Prevention Plan (SWPPP) Preparation**

Headwaters personnel are extremely experienced in completing the Construction Notice of Intents (CNOI) and Storm Water Pollution Prevention Plans (SWPPP) required by states across the southern U.S. Though the states' overall storm water general permits are similar, each state has specific rules under which they operate and the Headwaters team is very familiar with each of them. Headwaters has developed a standardized evaluation process for each state to determine the need for and the type of permitting authorization requirements that are applicable for each individual project. Our team understands that storm water plans vary from project to project depending on the size of the area to be disturbed and the specific areas to be impacted (e.g., stream channels, wetlands) and are to be site specific.

## **Environmental Compliance Inspections**

Headwaters personnel are well experienced in storm water permitting requirements, and the associated environmental compliance/storm water inspections. To conduct quality inspections, it is extremely important that the qualified inspector understand Best Management Practices, and how and when they should be utilized. Inspections are to cover receiving streams, outfalls, erosion and sediment controls, ingress/egress to the project site, and SPCC requirements among other items.

## **Environmental Assessments (EAs)**

The National Environmental Policy Act (NEPA) is utilized when there are any Federal agency authorizations, funding and, to some degree, regulatory authority. NEPA can also apply if there are certain permitting actions that require compliance on the part of the Federal permitting agency. NEPA was implemented to be utilized by Federal agencies as a decision-making tool that integrates into the decision-making process for environmental considerations. As a result, all Federal agency projects and/or actions require some form of NEPA documentation. The NEPA Environmental Assessment (EA) is the most commonly utilized process for evaluating projects and for decision making. It is utilized by all the Federal agencies and is consistent with the resource categories that are evaluated. However, most Federal agencies have developed their own formatting and assessment methodologies that cover the evaluation process. The NEPA EA process is predicated upon the assessment and evaluation of a preferred action in comparison to alternative actions that meet a specific project purpose and need and against the no-action alternative.

## **Environmental Impact Statements (EISs)**

The NEPA Environmental Impact Statement (EIS) is typically utilized by the lead Federal agencies for projects that are larger in size and scope or that may have significant public interest. The EIS process utilizes relatively the same evaluation processes as the EA and typically includes the assessment of the same natural and human resource categories relative to adverse impacts. It is also based upon the assessment of different alternatives that meet the project purpose and need as well as the no-action alternative. The EIS process differs considerably from one lead Federal agency to the other but like the EA process it is utilized as a decision-making tool by the lead Federal agency.

## National Park Service (NPS) Permits

The Headwaters personnel have extensive knowledge and experience in the coordination of the National Park Service (NPS) permitting requirements for projects that may affect NPS properties and/or facilities. In particular, the location of the NPS Natchez Trace Parkway can pose a significant issue for linear projects and Headwaters has successfully coordinated several permitting authorizations with the NPS personnel as it relates to linear crossings on the NPS park properties and particularly for utility line crossings.

The NPS permit process is an involved procedure and includes the completion of the National Environmental Policy Act (NEPA) Environmental Assessment (EA) or Categorical Exclusion process. In many cases, the NPS completes the NEPA compliance documentation internally. However, on some projects, the NPS has required the applicant to complete the NEPA process for the NPS review and issuance of the Finding of No Significant Impact (FONSI).

## Hazard Tree Identification

The Headwaters staff includes both Professional Registered Foresters and Forestry Technicians who have extensive experience in completing the hazard and risk tree assessments on transmission line projects. The Headwaters personnel fully understand and have experience in completing the hazard and risk tree assessments utilizing various Vegetation Hazard and Risk Tree Assessment Guidelines and conduct the assessments throughout Mississippi and Louisiana on a routine basis.

Typically, Headwaters coordinates with the right-of-way agents and the surveyors to obtain the parcel mapping for the right-of-way purchases. From there, we coordinate with the clearing contractor relative to their progress so that the risk trees field assessments can be scheduled and completed in conjunction with their clearing activities. Once the risk trees are identified, Headwaters computes the tree volumes and values and develops the Timber Valuation Report by parcel utilizing the most current timber value information for the State and/or area in which the parcel is located. The Timber Valuation Report is transmitted to the Owner of the Right-of-Way to be utilized for reimbursement to the individual landowners. We have also developed a project spreadsheet that tracks the parcels that have been completed and submitted that is shared on a weekly basis with Right-of-Way Owner and the right-of-way agents.

## United States Fish and Wildlife Services (USFWS)

### **Section 7 Consultation and Permitting**

The USFWS Section 7 Consultation and Permitting is associated with actions of a Federal agency or under the auspices of the authorities of a Federal agency. The requirements are in place to ensure that all Federal agencies comply with The Endangered Species Act (ESA) and to ensure that all Federal actions will not jeopardize the existence of any listed species. Under Section 7, it is the requirement of the Federal agency to initiate consultation with the USFWS during the project planning phase and usually begins with informal consultation. If there is a determination that there are no likely affects, the consultation ends at that point. If there may be effects on a listed species or their habitats, then the Federal agency responsible for the action completes a biological assessment to assist in the determination of project effects on the species or habitats.

Headwaters personnel have substantial experience in all aspects of the Section 7 Consultation and permitting with the USFWS on large federally authorized or funded projects in the southeastern United States. We have coordinated the Section 7 consultation with the USFWS and the USACE, and have also completed the biological assessment documentation for large federally authorized and/or funded projects in Mississippi. In addition, Headwaters staff routinely completes the informal Section 7 consultation with the USFWS relative to the Section 404 Wetland Permit evaluation process with the USACE. Headwaters has also completed mitigation plan documentation for Section 7 consultation where the Federal action would adversely affect but not jeopardize the existence of the species and have coordinated the approval of the mitigation plan documentation with the USFWS. Headwaters is also currently completing the biological assessment documentation and the Section 7 consultation for a large flood control project in the Jackson, Mississippi Metropolitan Area.

### **Section 10 Consultation and Permitting**

Section 10 of the Endangered Species Act (ESA) is in place to provide the USFWS with regulatory authority over any non-federal action that could adversely affect listed species or their habitats. Headwaters staff routinely completes the Section 10 consultation activities with both the USFWS and the National Marine Fisheries Service (NMFS) on projects that do not require another Federal agency permit authorization. Most of the USACE Section 404 permits require the informal Section 7 consultation and the Headwaters personnel have extensive experience with the consultation process and permitting process. In most cases, Incidental Take Permits are not required but the consultation with the USFWS takes place on projects that do not require Section 7 consultation to insure compliance with the ESA.

If a non-federal action could result in a potential take of a listed species, Section 10 provides the permitting authorization in the form of an Incidental Take Permit that the USFWS would issue. It also typically requires that a Habitat Conservation Plan (HCP) is provided as a part of the Incidental Take Permit application. The HCP includes documentation of the minimization and/or mitigation of the proposed action on the species and more particularly on the species habitat. Headwaters has significant experience in both the coordination of the Incidental Take Permit authorization and the development of the HCP for project specific affects.

## General Mapping/GIS

Headwaters experienced GIS staff routinely creates and displays GIS and mapping data for a wide range of projects. Headwaters staff utilizes industry-standard GIS data management and mapping platforms to provide accurate and project-specific mapping and geographic data management. Headwaters utilizes field-captured data, aerial imagery, topographic quadrangle maps, and other pertinent GIS data to create maps and exhibits to support all permit applications. Headwaters staff routinely produces mapping deliverables in a wide range of digital formats, as well as presentation-grade map exhibits.

## Drone Analysis

Unmanned aerial vehicles (UAVs) or drones are increasingly being utilized in a variety of applications such as LiDAR mapping, habitat analyses, and construction monitoring. We currently employ Part 107 licensed UAV pilots for the purpose of utilizing drone applications as needed.

## Experience

Headwaters has had the pleasure and opportunity to assist the State of Mississippi and local economic developers in serving as the principle environmental consultants for substantial projects throughout the state. Notable projects include Nissan, Toyota, SeverCorr, Yokohama Tire Corporation, and Continental Tire.

As the lead environmental consultant for Kansas City Southern Railway Company, Headwaters has conducted environmental assessments and provided permitting services throughout the States of Mississippi, Louisiana, Texas, and Oklahoma in the previous three (3) years.

While we have completed countless Threatened and Endangered Species Assessments across the southeast and in all areas of Mississippi, the most notable T/E project would be the Biological Assessment (BA) completed for the Mississippi Department of Environmental Quality (MDEQ) and the U.S. Fish and Wildlife Service (USFWS) associated with the Hurricane Katrina Infrastructure funding along the Mississippi Gulf Coast.

Other areas of expertise include numerous projects completed under the auspices of the National Environmental Protection Act (NEPA). During the previous five (5) years, we have completed NEPA documents that have resulted in a Finding of No Significant Impact (FONSI) for a number of different agencies including the Federal Highway Administration, the Economic Development Administration, the Tennessee Valley Authority, the Department of Housing and Urban Development, the Department of Veterans Affairs, the U.S. Department of Agriculture, the U.S. Forestry Service, the U.S. Army Corps of Engineers, the Federal Railroad Administration, and the U.S. Fish and Wildlife Service. While each agency has minor differences in their own respective environmental review process, the experience gained by the Headwaters staff during the successful completion of projects with each of these agencies has proved to be invaluable.

The experience gained by the Headwaters staff has led to excellent working relationships with USACE Districts spanning Vicksburg, Mobile, Nashville, New Orleans, Little Rock, Galveston, Ft. Worth, and Albuquerque Districts. The Headwaters staff is particularly knowledgeable of the permit process and has excelled in working with the Regulatory community in terms of providing quality information in the correct format, which results in quicker turnaround times during the permit and mitigation processes.

As a service oriented firm, Headwaters understands the importance of performing at a high level and delivering project results within the project schedule. With a fully staffed team of professionals, we have the ability to place a priority on high profile projects that have demanding schedules while not becoming distracted with ancillary tasks. While we have grown over the years, our internal growth has been directly linked to providing a high level of service to our client-base year after year. We, at Headwaters, have never advertised or placed a high emphasis on marketing. Our client base has steadily grown by "word of mouth" and our workload has proportionately grown by providing repeat services to the same client-base year after year. We measure our success by the success of our clients and, fortunately, we have been blessed with an outstanding client-base that continues to thrive.

As noted, Headwaters continues to serve as the principal environmental consultant for a broad sector of clients across the southeast. Our clients would attest to our performance on keeping the environmental and permitting endeavors on track in terms of meeting all of the environmental coordination and permitting requirements. Headwaters has made a long-term commitment to being a premier environmental consulting firm in terms of providing quality services to the public and private entities within the southeast. Simply put, we do not measure our success in numbers or locations; we measure our success by the success of our clients.



In addition to our client commitments, it is also important to note our relationships with the State and Federal regulatory agencies are an integral part of the environmental compliance process. You will note that we have repeated this statement throughout this response. We can proudly state that no other environmental consulting firm located within the State of Mississippi has the reputation that the Headwaters team has with the regulatory agencies and has the track record that we have in completing projects. We value the trust that has been established between Headwaters and the regulatory agencies.

In addition to our relationships with these State and Federal regulatory agencies through the coordination processes, we also serve and have served as environmental consultants on projects directly for some of the listed agencies including MDOT, MDEQ, MDA, MDWFP, USACE, and the USFWS. We believe that any and all of these agencies will attest to our qualifications, abilities, expertise and performance in completing all phases of the environmental review, assessment, coordination and permitting processes.

It is also important to note that Headwaters has and continues to coordinate with and complete projects for most of the major natural resources and conservation organizations in the state, including the Audubon Society, the Nature Conservancy, the Mississippi Fish and Wildlife Foundation, the Mississippi Land Trust, the Mississippi River Trust, the Mississippi Wildlife Federation, and Ducks Unlimited.

**For additional information, please contact:**

**Clay Cromwell**

**[clay@headwaters-inc.com](mailto:clay@headwaters-inc.com)**

**Walt Dinkelacker**

**[walt@headwaters-inc.com](mailto:walt@headwaters-inc.com)**

**601-634-0097**

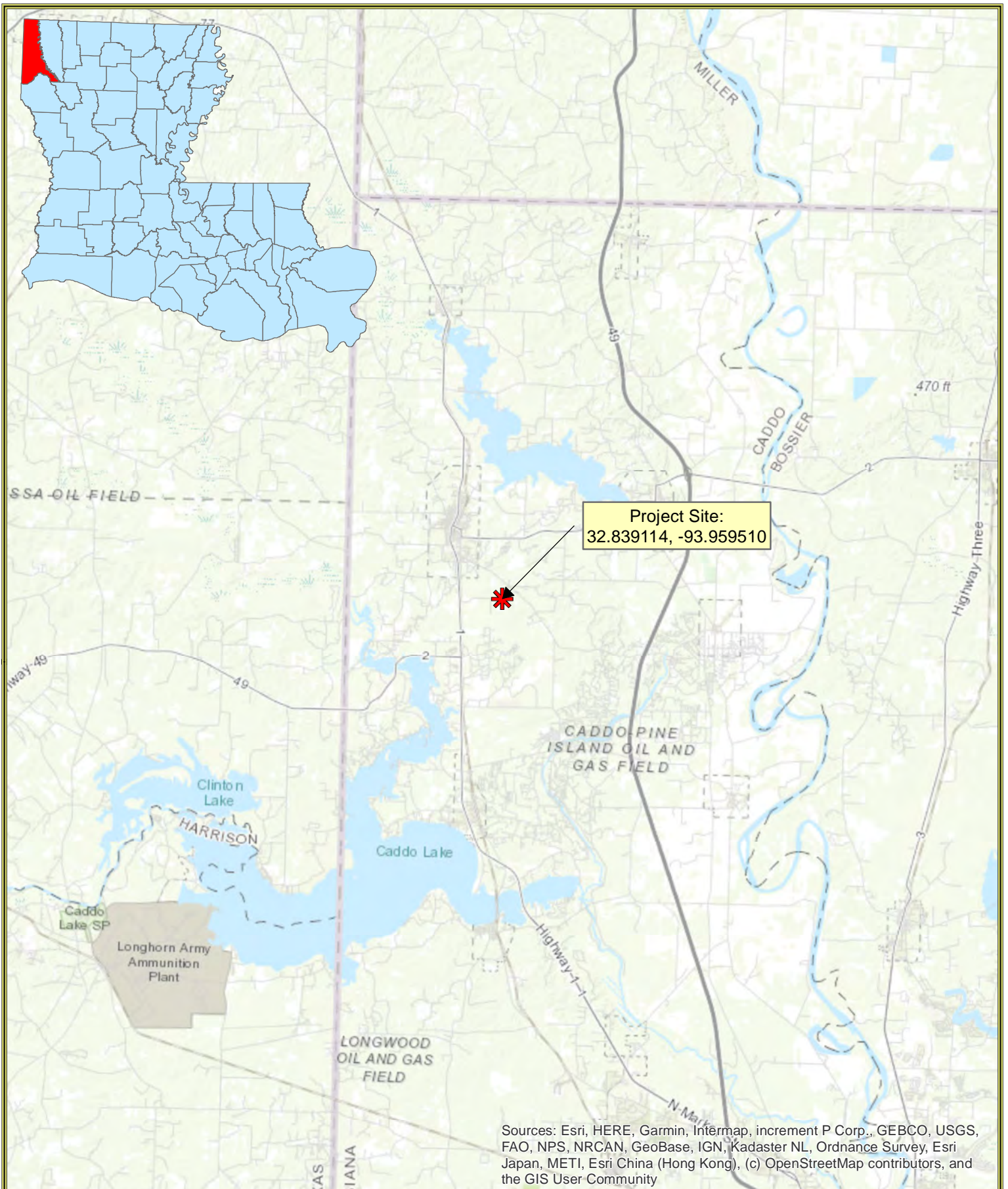
**[www.headwaters-inc.com](http://www.headwaters-inc.com)**

# **APPENDICES**

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## **SITE MAPS**

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Project Site:  
32.839114, -93.959510

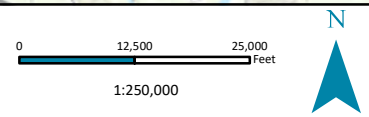
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



**North Louisiana Economic Partnership  
Ward II Industrial Park**

Sects 5,6, & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**General Location Map**

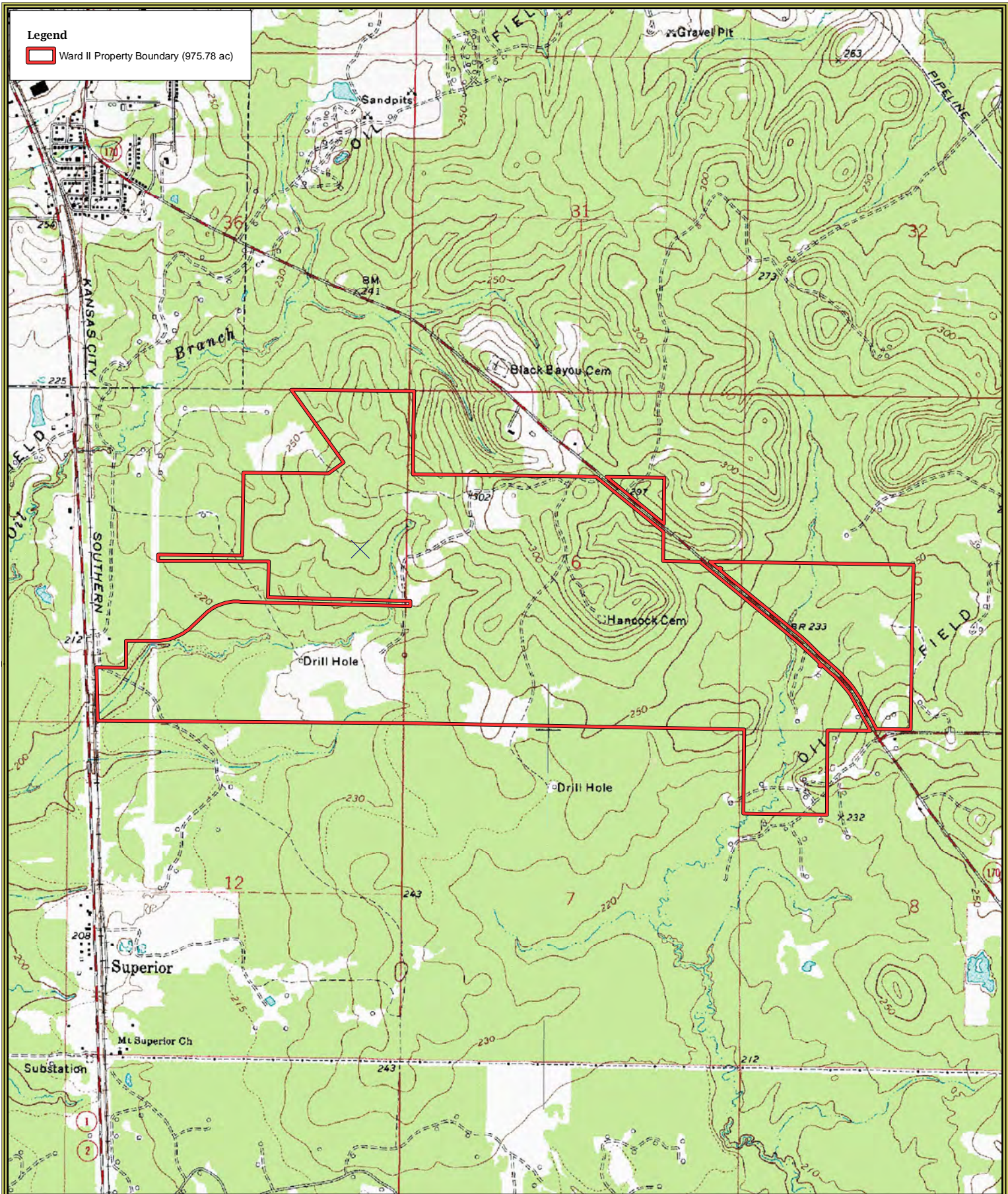


NAD 1983 2011 StatePlane Louisiana North FIPS 1701 Ft US

USGS 1998 Wvian South (LA) Quad

Date Created: 7/26/2021

Created by: PGH



**North Louisiana Economic Partnership  
 Ward II Industrial Park**

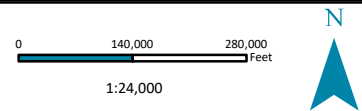
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
 Caddo Parish, Louisiana

[Site Location Map](#)



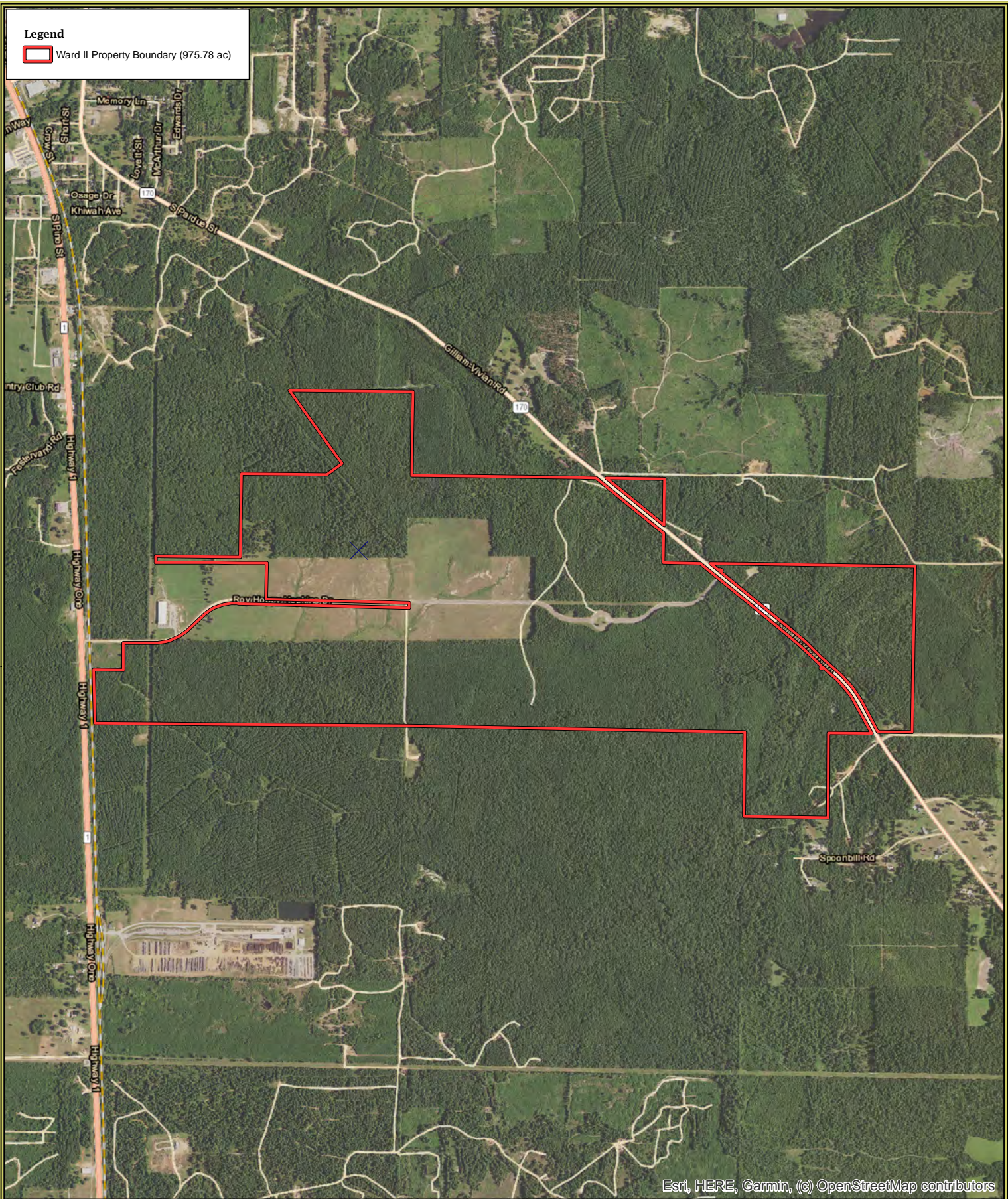
Date Created: 9/28/2021

Created by: PGH



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS 1998 Vivian South (LA) Quad Basemap



**Legend**  
 Ward II Property Boundary (975.78 ac)

Esri, HERE, Garmin, (c) OpenStreetMap contributors

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 Created by: PGH

**North Louisiana Economic Partnership  
 Ward II Industrial Park**

Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
 Caddo Parish, Louisiana

[Site Location Map](#)

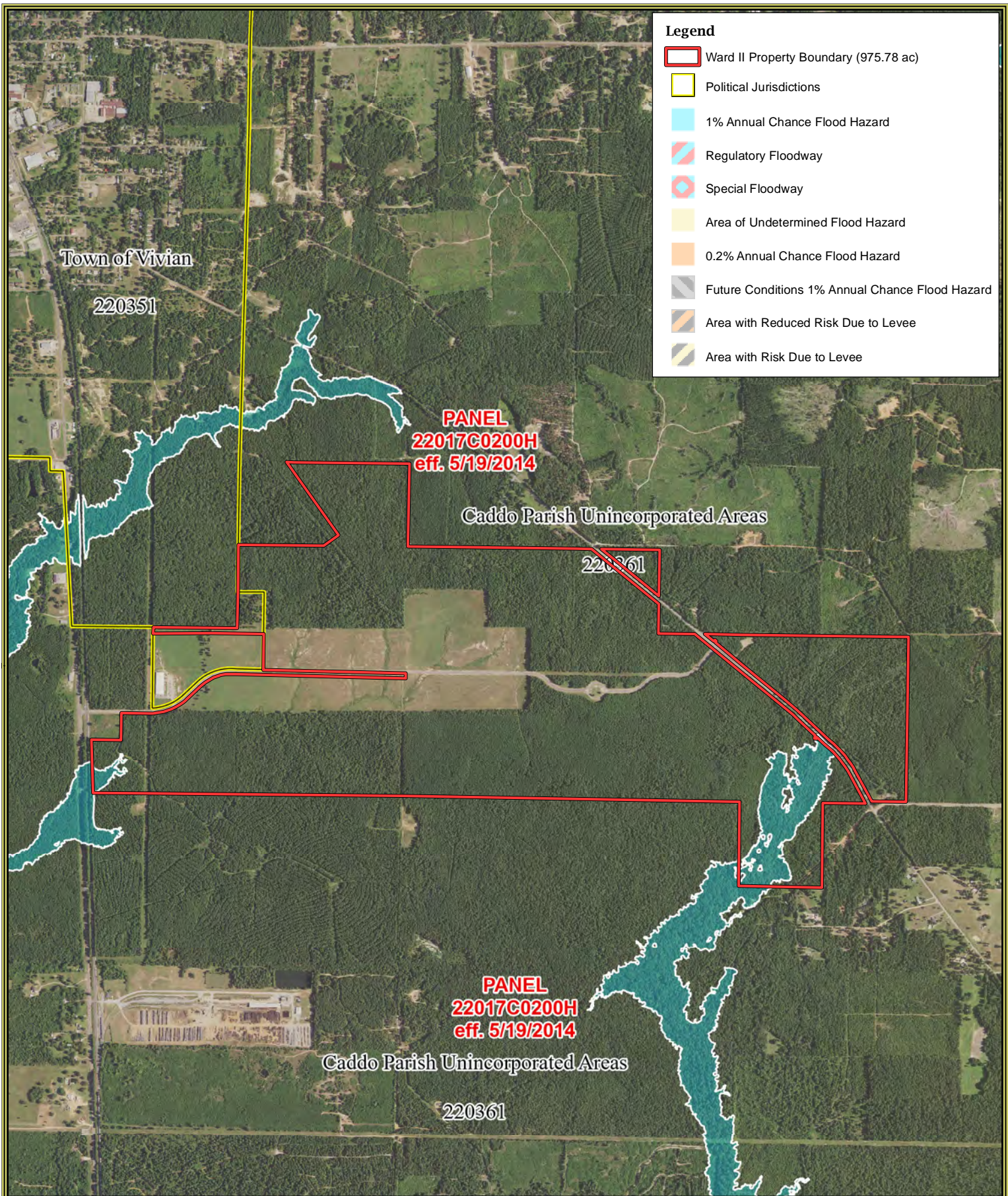
N

0 140,000 280,000  
 Feet

1:24,000

NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USDA NAIP 2019 Imagery Basemap



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Ward II Industrial Park**  
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

0 140,000 280,000 Feet  
1:24,000

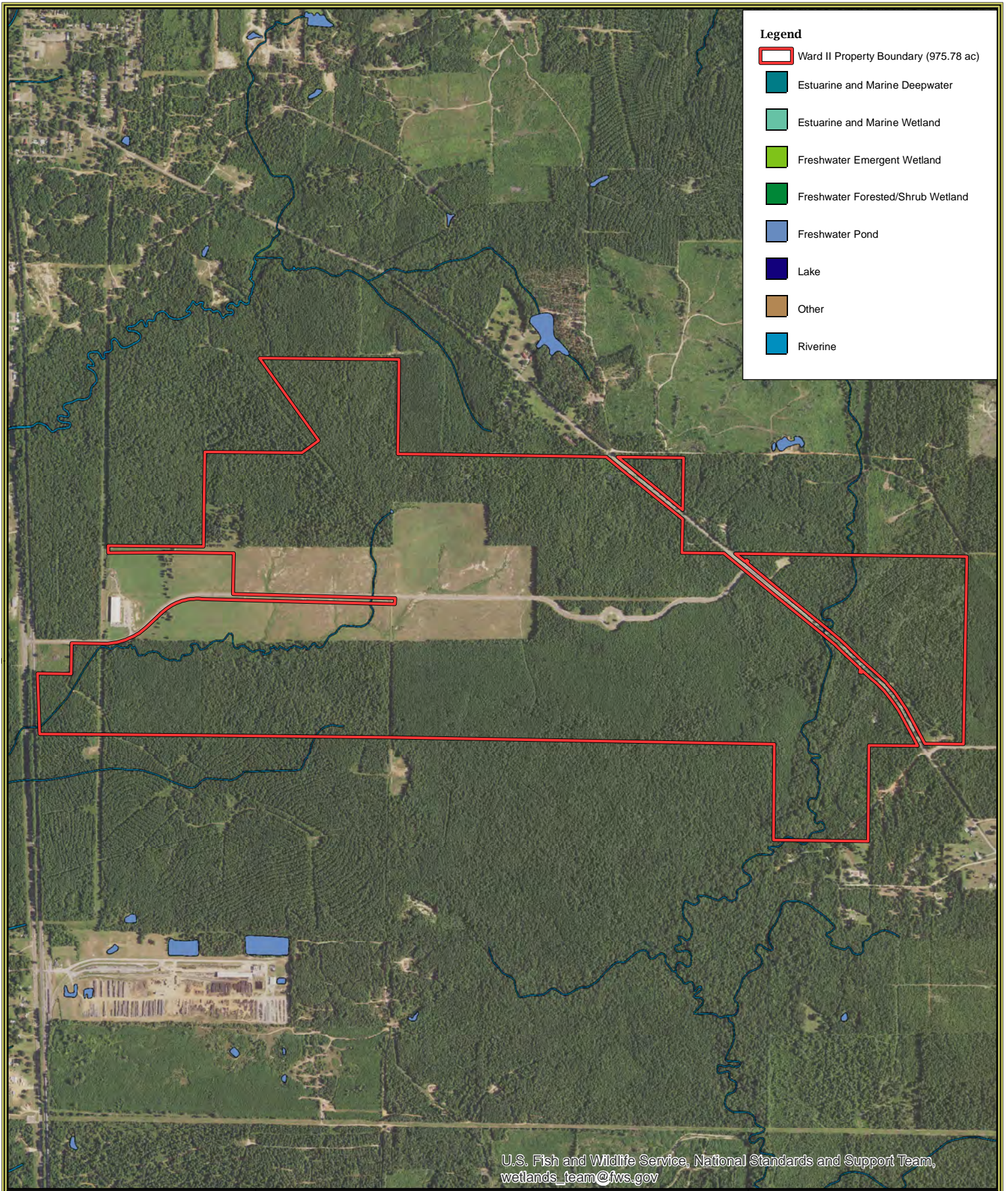
NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

Date Created: 9/29/2021 Created by: PGH

**FEMA Flood Hazard Zone Map**

USDA NAIP 2019 Imagery Basemap





**Legend**

- Ward II Property Boundary (975.78 ac)
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

U.S. Fish and Wildlife Service, National Standards and Support Team,  
 wetlands\_team@fws.gov

**North Louisiana Economic Partnership  
 Ward II Industrial Park**

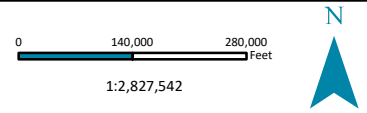
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
 Caddo Parish, Louisiana

**National Wetlands Inventory**



Date Created: 9/29/2021



Created by: PGH

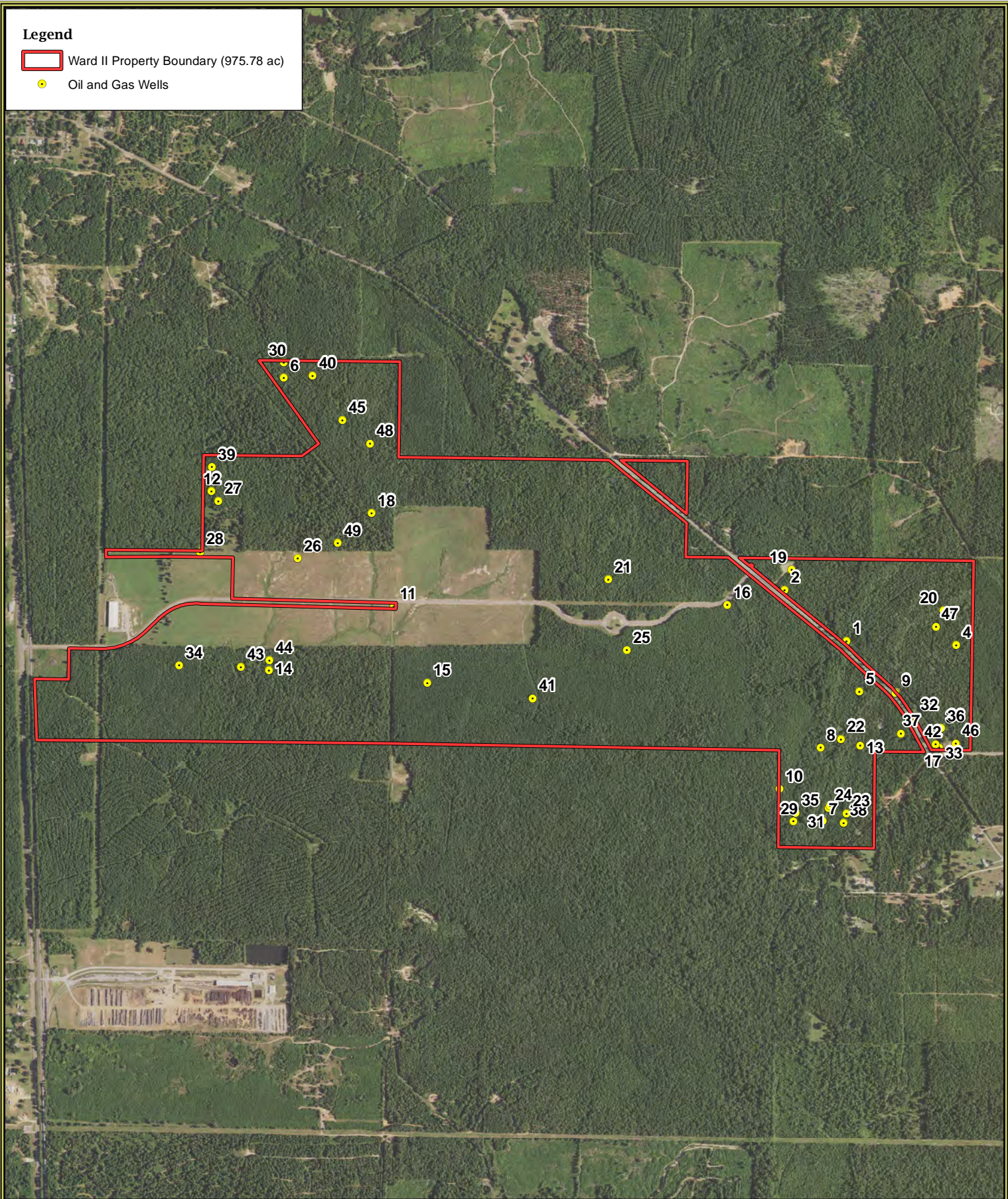


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USDA NAIP 2019 Imagery Basemap

**Legend**

-  Ward II Property Boundary (975.78 ac)
-  Oil and Gas Wells




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**North Louisiana Economic Partnership  
Ward II Industrial Park**  
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana  
**Oil and Gas Well Location Map**

0      140,000      280,000  
Feet


1:2,827,542

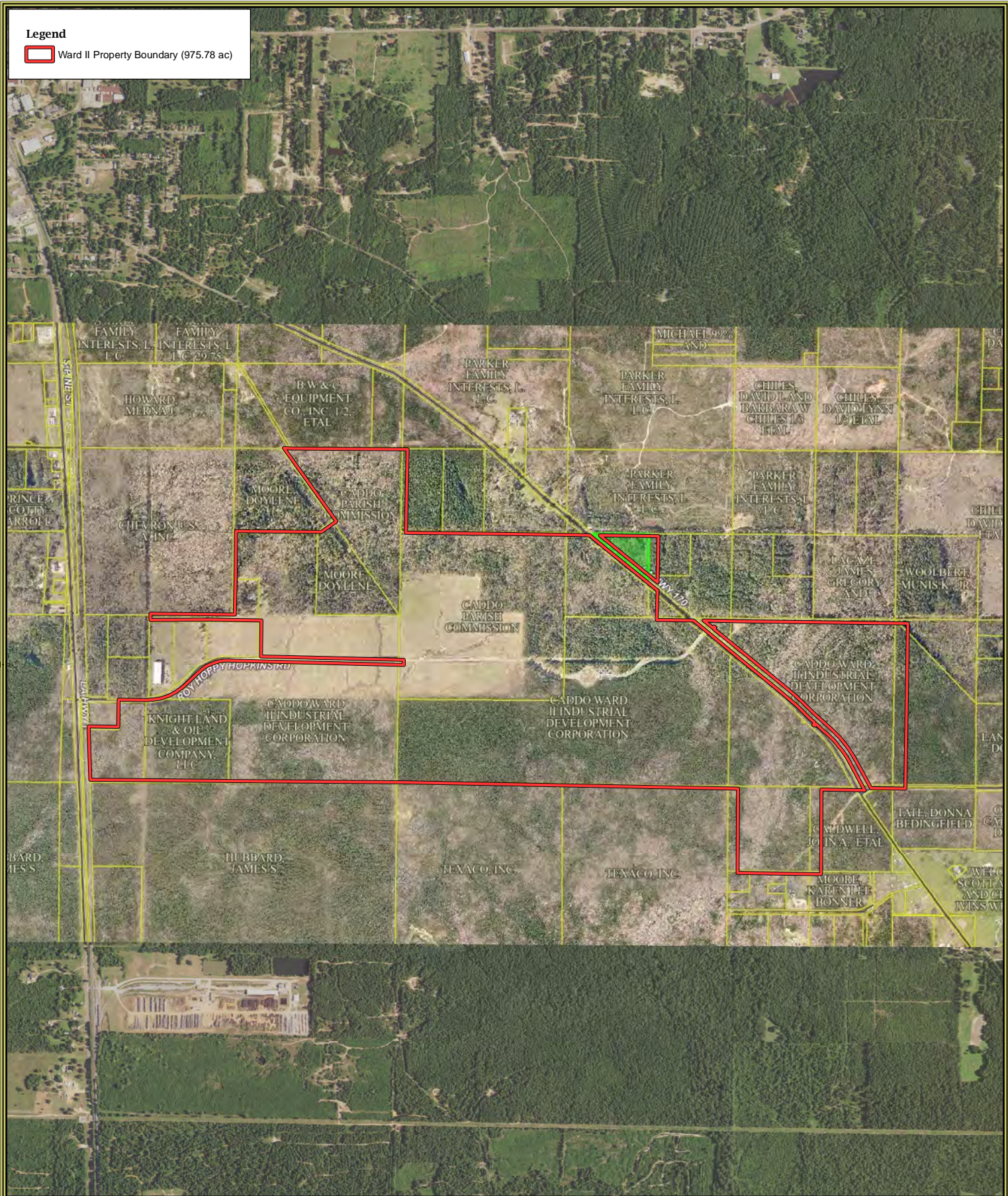


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USDA NAIP 2019 Imagery Basemap

FID	WELL SERIAL #	WELL NAME	WELL #	WELL OPERATOR	WELL STATUS	lat	long
1	83013	HUMBLE OIL	001	THE YOUNG COMPANY	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83774019	-93.94548312
2	82866	HUMBLE	001	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83963807	-93.94828376
3	106732	JSU 17; HUMBLE	001	D. W. CHUMLEY, JR.	PLUGGED AND ABANDONED OIL	32.83443974	-93.94128339
4	107330	HUMBLE A	012	INACTIVE OPERATOR	PLUGGED AND ABANDONED OIL	32.83763863	-93.94058169
5	114873	HUMBLE	D-2	NATHAN HALE OIL CO.	ACTIVE - PRODUCING OIL	32.83583948	-93.94488337
6	183985	HALE A	002	INACTIVE OPERATOR	PERMIT EXPIRED	32.84738845	-93.97079827
7	196230	EXXON	003	FRANK HALE	DRY AND PLUGGED OIL	32.83092681	-93.94644331
8	195202	EXXON A	001	FRANK HALE	SHUT-IN PRODUCTIVE -NO FUTURE UTILITY OIL	32.83370121	-93.94658483
9	202480	EXXON	003	NATHAN HALE OIL CO.	SHUT-IN PRODUCTIVE -FUTURE UTILITY OIL	32.8358055	-93.94326153
10	201413	EXXON	004	FRANK HALE	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83212234	-93.94839923
11	198636	THIGPEN-HEROLD B	001	MONROE WELL SERVICE-BROADWAY	PERMIT EXPIRED	32.83881595	-93.96574433
12	172161	H G W	002	H G W OIL CO.	ACT 404 ORPHAN WELL-ENG NO PRODUCT SPECIFIED	32.84307552	-93.97395881
13	96378	HUMBLE OIL&REFINING CO	003	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83379528	-93.9448218
14	99264	ARKLA	004	CADDO OIL CO.,INC.	ACT 404 ORPHAN WELL-ENG NO PRODUCT SPECIFIED	32.8363475	-93.97129476
15	27015	STANDARD OIL CO FEE	A-1	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83594488	-93.96420075
16	311	A N G CO FEE	(28)1	INACTIVE OPERATOR	PLUGGED AND ABANDONED GAS	32.83903465	-93.95084951
17	248751	EXXON	004	NATHAN HALE OIL CO.	PERMIT EXPIRED	32.83388559	-93.94143418
18	214093	DAWES	017	PARKER OIL COMPANY	SHUT-IN PRODUCTIVE -FUTURE UTILITY OIL	32.84231935	-93.96679022
19	248264	BLACKSTONE MINERALS	001	MEMCO EXPLORATION & PRODUCTION, LLC	PERMIT EXPIRED	32.84040008	-93.94798
20	39246	CARTER OIL CO FEE	001	WHITTAKER & WILLIS	UNABLE TO LOCATE WELL-NO PLUGGED AND ABANDON	32.83893743	-93.94118166
21	76406	CARTER OIL CO FEE	001	BILL GARY	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83993897	-93.95618379
22	113147	HUMBLE	D-1	NATHAN HALE OIL CO.	ACTIVE - PRODUCING OIL	32.83403846	-93.94568185
23	106448	HUMBLE C	001	SALVAGE OIL COMPANY	PLUGGED AND ABANDONED GAS	32.83123833	-93.9453837
24	146710	EXXON CORPORATION	001	EXCHANGE OIL & GAS CORPORATION	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83143824	-93.94618119
25	187082	PARKER A	028	PARKER OIL COMPANY	ACTIVE - PRODUCING OIL	32.83728567	-93.95530161
26	197661	CADDO OIL CO	005	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.8405805	-93.97007026
27	197541	CADDO OIL CO	003	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.84271073	-93.9736534
28	347	HARREL	002	INACTIVE OPERATOR	PLUGGED AND ABANDONED NO PRODUCT SPECIFIED	32.840792	-93.974453
29	185907	EXXON	001	FRANK HALE	DRY AND PLUGGED OIL	32.83091213	-93.94774527
30	183984	HALE A	001	INACTIVE OPERATOR	PERMIT EXPIRED	32.84796553	-93.97080755
31	188217	EXXON	002	FRANK HALE	PERMIT EXPIRED	32.83153504	-93.94612738
32	201412	EXXON	002	NATHAN HALE OIL CO.	SHUT-IN PRODUCTIVE -FUTURE UTILITY OIL	32.83490267	-93.94240084
33	206358	EXXON	001	NATHAN HALE OIL CO.	SHUT-IN PRODUCTIVE -FUTURE UTILITY OIL	32.83376365	-93.94127925
34	24230	KNIGHT LAW OIL & DEV CO	001	INACTIVE OPERATOR	PERMIT EXPIRED	32.836492	-93.975308
35	100068	HUMBLE	002	R.E. MCDOWELL & DAVE GAMMILL	PLUGGED AND ABANDONED OIL	32.8312265	-93.94765257
36	93072	HUMBLE OIL & REFINING CO.	001	D. W. CHUMLEY, JR.	PLUGGED AND ABANDONED OIL	32.83449832	-93.94120617
37	94672	HUMBLE OIL & REFINING CO.	002	D. W. CHUMLEY, JR.	PLUGGED AND ABANDONED OIL	32.83427753	-93.94299978
38	99191	HUMBLE	001	R.E. MCDOWELL & DAVE GAMMILL	PLUGGED AND ABANDONED NO PRODUCT SPECIFIED	32.83087138	-93.94550812
39	172160	H G W	001	H G W OIL CO.	PERMIT EXPIRED	32.84398526	-93.97396044
40	6364	H H PARDUE	001	INACTIVE OPERATOR	PLUGGED AND ABANDONED NO PRODUCT SPECIFIED	32.84749115	-93.96951052
41	312	A N G CO FEE	002	INACTIVE OPERATOR	PLUGGED AND ABANDONED GAS	32.83542423	-93.95947828
42	249721	EXXON	004	NATHAN HALE OIL CO.	PERMIT EXPIRED	32.83388559	-93.94143418
43	237354	JAMES C STEELE	002	ADDIE, JAMES & JOHN THORNTON	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83645686	-93.97254344
44	196828	CADDO OIL CO	001	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83671874	-93.97127794
45	191700	DAWES	015	PARKER OIL COMPANY	SHUT-IN PRODUCTIVE -FUTURE UTILITY OIL	32.84582443	-93.96816834
46	974422	EXXON SWD	001	NATHAN HALE OIL CO.	ACTIVE- INJECTION PRODUCED SALT WATER	32.83393408	-93.94054292
47	102274	JSU 122;HUMBLE A	011	INACTIVE OPERATOR	DRY AND PLUGGED NO PRODUCT SPECIFIED	32.83833764	-93.94148151
48	194510	THIGPEN-HEROLD	009	MONROE WELL SERVICE-RVS	PERMIT EXPIRED	32.84495921	-93.96691719
49	196812	THIGPEN-HEROLD	006	INACTIVE OPERATOR	PERMIT EXPIRED	32.841184	-93.968296

**Legend**

 Ward II Property Boundary (975.78 ac)




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Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership  
Ward II Industrial Park**  
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana  
**Caddo Parish Tax Parcel Map**

0 140,000 280,000 Feet  
1:24,000



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USDA NAIP 2019 Imagery Basemap

# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

**Name:** CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORPORATION

**Mailing Address:** 120 WEST ARKANSAS  
VIVIAN, LA 71082

**Type:** (RI) Res. Improv.

**Tax Dist:** (001) Outside

**Special Assessment  
Freeze:** No

## Property Information

**Physical Address:** 0 Hwy 170

**City:** Outside

**Subdivision:** T. 21 N., R. 15 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 05-21-15

**Size (Acres):** 152.453

**Restoration Tax  
Abatement:** No

**Extended Legal:** 152.453 ACS. M/L-SW/4 OF SEC. 5 (21-15) LESS RD. AND LESS A 0.027 AC. M/L DESC. AS FOLLOWS; FROM THE SE. CORNER OF SW/4 OF SW/4 OF SEC. 5 (21-15) RUN S. 88 DEG. 52 MIN. 33 SEC. E. 685.37 FT. TO THE S'LY R/W LINE OF LA. HWY. 170, THENCE ALONG SAID S'LY R/W, RUN N. 28 DEG. 52 MIN. 06 SEC. W. 510.92 FT., THENCE CONT. ALONG SAID S'LY R/W A CURVE TO THE LEFT HAVING A CHORD BEARING N. 37 DEG. 46 MIN. 47 SEC. W., A CHORD DISTANCE OF 491.79 FT., A RADIUS OF 1587 FT. & A CURVE LENGTH OF 493.78 FT., THENCE CONT. ALONG SAID R/W N. 46 DEG. 41 MIN. 42 SEC. W. 315 FT. TO THE P.O.B., THENCE LEAVING SAID S'LY R/W RUN S. 09 DEG. 55 MIN. 54 SEC. W. 30 FT., THENCE N. 80 DEG. 04 MIN. 06 SEC. W. 30 FT., THENCE N. 09 DEG. 55 MIN. 54 SEC. E. 49.76 FT. TO S'LY R/W LINE OF SAID HWY., THENCE ALONG SAID R/W RUN S. 45 DEG. 41 MIN. 42 SEC. E. 35.92 FT. TO P.O.B. 201505-0-25

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$230,585.0	\$0.00	\$230,585.00	\$23,059.00	\$0.00	\$23,059.00	10%
<b>Totals:</b>	\$230,585.0	\$0.00	\$230,585.00	\$23,059.00	\$0.00	\$23,059.00	

Map:

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# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

Name: CADDO PARISH COMMISSION

## Property Information

Physical Address: 31760 NONE

Mailing Address: CADDO PARISH COURTHOUSE  
SHREVEPORT, LA 71101

City: Outside

Subdivision: T. 21 N., R. 15 W.

Type: (RV) Res. Vacant

Block / Lot: N/A / N/A

Tax Dist: (001) Outside

S-T-R: 06-21-15

Special Assessment

Size (Acres): 160.000

Freeze: No

Restoration Tax

Abatement: No

Homestead Code: N

Extended Legal: 160 ACS - S/2 OF NW/4 & N/2 OF SW/4 OF SEC 6-21-15. 211506-0-7

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$193,600.0	\$0.00	\$193,600.00	\$19,360.00	\$0.00	\$19,360.00	10%
<b>Totals:</b>	\$193,600.0	\$0.00	\$193,600.00	\$19,360.00	\$0.00	\$19,360.00	

### Map:



Tax Year 2021  
(Uncertified)

**Property Owner**

**Name:** CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION

**Mailing Address:** 120 W ARKANSAS AVE  
VIVIAN, LA 71082-2852

**Type:** (RV) Res. Vacant

**Tax Dist:** (001) Outside

**Special Assessment Freeze:** No

**Property Information**

**Physical Address:** 10604 NONE

**City:** Outside

**Subdivision:** T. 21 N., R. 15 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 06-21-15

**Size (Acres):** 29.090

**Restoration Tax Abatement:** No

**Homestead Code:** N

**Extended Legal:** 29.091 ACS. - M/L-SW/4 OF NE/4 SEC. 6 (21-15) AT THE NW. COR. OF THE SW/4 OF NE/4 BEING THE P.O.B., THENCE S. 89 DEG. 59 MIN. 08 SEC. E. 228.66 FT. ON THE W'LY R/W LINE OF LA. HWY. 170 (VIVIAN-GILLIAM HWY), THENCE S. 51 DEG. 26 MIN. 07 SEC. E. OF SAID W'LY R/W LINE 1356.73, THENCE S. 00 DEG. 09 MIN. 25 SEC. E. 484 FT., THENCE S. 89 DEG. 56 MIN. 58 SEC. W. 1290.83 FT., THENCE N. ALONG W. LINE 1330.99 FT. TO P.O.B. 211506-0-18

**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$35,199.00	\$0.00	\$35,199.00	\$3,520.00	\$0.00	\$3,520.00	10%
<b>Totals:</b>	\$35,199.00	\$0.00	\$35,199.00	\$3,520.00	\$0.00	\$3,520.00	

**Map:**





Tax Year 2021

(Uncertified)

**Property Owner**

**Name:** CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION

**Mailing Address:** 120 W ARKANSAS AVE  
VIVIAN, LA 71082-2852

**Type:** (RV) Res. Vacant

**Tax Dist:** (001) Outside

**Special Assessment Freeze:** No

**Property Information**

**Physical Address:** 10604 NONE

**City:** Outside

**Subdivision:** T. 21 N., R. 15 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 06-21-15

**Size (Acres):** 7.900

**Restoration Tax Abatement:** No

**Homestead Code:** N

**Extended Legal:** 7.909 ACS. M/L - ALL THAT PART OF THE SW/4 OF THE NE/4 OF SEC. 6 (21-15) LYING N. OF VIVIAN- GILLIAM ROAD 211506-0-19

**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$9,559.00	\$0.00	\$9,559.00	\$956.00	\$0.00	\$956.00	10%
<b>Totals:</b>	\$9,559.00	\$0.00	\$9,559.00	\$956.00	\$0.00	\$956.00	

**Map:**



# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

**Name:** CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORPORATION

**Mailing Address:** 120 W ARKANSAS AV  
VIVIAN, LA 71082-2852

**Type:** (RI) Res. Improv.

**Tax Dist:** (001) Outside

**Special Assessment  
Freeze:** No

## Property Information

**Physical Address:** 10604 NONE

**City:** Outside

**Subdivision:** T. 21 N., R. 15 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 06-21-15

**Size (Acres):** 238.030

**Restoration Tax  
Abatement:** No

**Extended Legal:** 238.03 ACS. M/L-THE SE/4 & S/2 OF SW/4 OF SEC. 6 (21-15), LESS A 0.02 AC. TR. DESC. AS FOLLOWS; FROM THE W. R/W OF ROY HOPPY HOPKINS DR. AND THE S. R/W OF LA. HWY. 170, RUN NE'LY A DISTANCE OF 100 FT. PERPENDICULR TO THE N. R/W OF LA. HWY. 170 TO THE P.O.B., THENCE NW'LY ALONG SAID R/W 30 FT., THENCE AT A RIGHT ANGLE RUN NE'LY 30 FT., THENCE AT A RIGHT ANGLE RUN SE'LY 30 FT., THENCE AT A RIGHT ANGLE RUN SW'L 30 FT. TO THE P.O.B., LESS RD. 211506-0-22

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$288,016.0	\$0.00	\$288,016.00	\$28,802.00	\$0.00	\$28,802.00	10%
<b>Totals:</b>	\$288,016.0	\$0.00	\$288,016.00	\$28,802.00	\$0.00	\$28,802.00	

### Map:



# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

**Name:** CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORPORATION

**Mailing Address:** 120 W ARKANSAS AVE  
VIVIAN, LA 71082-2852

**Type:** (RV) Res. Vacant

**Tax Dist:** (001) Outside

**Special Assessment  
Freeze:** No

## Property Information

**Physical Address:** 31774 NONE

**City:** Outside

**Subdivision:** T. 21 N., R. 15 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 08-21-15

**Size (Acres):** 40.000

**Restoration Tax  
Abatement:** No

**Homestead Code:** N

**Extended Legal:** 40 ACS - NW/4 OF NW/4 OF SEC 8-21-15. 211508-0-12

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$72,600.00	\$0.00	\$72,600.00	\$7,260.00	\$0.00	\$7,260.00	10%
<b>Totals:</b>	\$72,600.00	\$0.00	\$72,600.00	\$7,260.00	\$0.00	\$7,260.00	

### Map:



Tax Year 2021

(Uncertified)

**Property Owner**

Name: CADDO PARISH COMMISSION

**Property Information**

Physical Address: 32451 NONE

Mailing Address: CADDO PARISH COURTHOUSE  
SHREVEPORT, LA 71101

City: Outside

Subdivision: T. 21 N., R. 16 W.

Type: (RV) Res. Vacant

Block / Lot: N/A / N/A

Tax Dist: (001) Outside

S-T-R: 01-21-16

Special Assessment

Size (Acres): 69.000

Freeze: No

Restoration Tax

Abatement: No

Homestead Code: N

Extended Legal: 69 ACS - ALL NE/4 OF SEC 1-21-16 LYING NE OF OLD VIVIAN & MOORINGSPOUR ROAD, PER ASSRS COUNTRY PLAT 211601-0-1

**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$208,725.0	\$0.00	\$208,725.00	\$20,873.00	\$0.00	\$20,873.00	10%
<b>Totals:</b>	\$208,725.0	\$0.00	\$208,725.00	\$20,873.00	\$0.00	\$20,873.00	

Map:



# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

**Name:** CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORPORATION

**Mailing Address:** PO BOX 1043  
VIVIAN, LA 71082

**Type:** (AV) Agri Use/Vacant

**Tax Dist:** (003) Vivian

**Special Assessment  
Freeze:** No

## Property Information

**Physical Address:** 0 NONE

**City:** Vivian

**Subdivision:** T. 21 N., R. 16 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 01-21-16

**Size (Acres):** 9.480

**Restoration Tax  
Abatement:** No

**Extended Legal:** 9.48 ACS M/L-FROM NW COR. OF NE/4 OF SW/4 OF SEC. 1 (21-16), RUN E ALONG N LINE OF SAID NE/4 OF SW/4 1319.98 FT. TO C/L OF SAID SEC. 1, THENCE N ALONG SAID C/L 561 FT., THENCE N 89 DEG. 57 MIN. 7 SEC. E 419.44 FT., THENCE S 00 DEG. 49 MIN. 33 SEC. W 659.07 FT., THENCE N 89 DEG. 55 MIN. 4 SEC. W 412.5 FT., THENCE N 89 DEG. 54 MIN. 49 SEC. W 391.90 FT., THENCE S 89 DEG. 49 MIN. 53 SEC. W 930.39 FT. TO W LINE OF SAID NE/4 OF SW/4, THENCE N ALONG SAID W LINE 100 FT. TO P.O.B.

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$28,677.00	\$0.00	\$28,677.00	\$2,868.00	\$0.00	\$2,868.00	10%
<b>Totals:</b>	\$28,677.00	\$0.00	\$28,677.00	\$2,868.00	\$0.00	\$2,868.00	

### Map:



# Caddo Parish Report

Tax Year 2021

(Uncertified)

## Property Owner

**Name:** CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION

**Mailing Address:** 120 W ARKANSAS AVE  
VIVIAN, LA 71082-2852

**Type:** (RV) Res. Vacant

**Tax Dist:** (001) Outside

**Special Assessment Freeze:** No

## Property Information

**Physical Address:** 41801 NONE

**City:** Outside

**Subdivision:** T. 21 N., R. 16 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 01-21-16

**Size (Acres):** 192.480

**Restoration Tax Abatement:** No

**Homestead Code:** N

**Extended Legal:** 192.482 ACS. M/L - SE/4 & SW/4 OF NE/4 & NE/4 OF SW/4 OF SEC. 1 (21-16) LESS THE FOLLOWING DESC. TRACT: FROM THE S. 1/4 COR. OF SAID SEC. RUN N. 0 DEG. 45 MIN. 52 SEC. E. 1326.86 FT., THENCE S. 89 DEG. 55 MIN. 14 SEC. W. 1322.36 FT., THENCE N. 0 DEG. 44 MIN. 24 SEC. E. 40 FT. TO N. R/W LINE OF WARD 2 INDUSTRIAL PARK ROAD & P.O.B., THENCE N. 0 DEG. 44 MIN. 24 SEC. E. 1284.15 FT., THENCE N. 89 DEG. 49 MIN. 53 SEC. E. 1319.98 FT., THENCE N. 0 DEG. 49 MIN. 33 SEC. E. 561 FT., THENCE N. 89 DEG. 57 MIN. 7 SEC. E. 419.44 FT., THENCE S. 0 DEG. 49 MIN. 33 SEC. W. 1192.11 FT. TO N. R/W LINE OF SAID ROAD, THENCE W'LY ALONG SAME TO P.O.B. 211601-0-22

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
RESIDENTIAL AC MARKET VALUE >=3AC	\$582,252.0	\$0.00	\$582,252.00	\$58,225.00	\$0.00	\$58,225.00	10%
<b>Totals:</b>	\$582,252.0	\$0.00	\$582,252.00	\$58,225.00	\$0.00	\$58,225.00	

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[www.actDataScout.com](http://www.actDataScout.com)

**Caddo Parish Report**  
Tax Year 2021  
**(Uncertified)**

Map:

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Tax Year 2021

(Uncertified)

**Property Owner**

Name: MOORE, DOYLENE

**Property Information**

Physical Address: 22883 NONE

Mailing Address: 819 WILLOW OAK DR  
ATLANTA, TX 75551

City: Outside

Subdivision: T. 21 N., R. 16 W.

Type: (AV) Agri Use/Vacant

Block / Lot: N/A / N/A

Tax Dist: (001) Outside

S-T-R: 01-21-16

Special Assessment

Size (Acres): 25.500

Freeze: No

Restoration Tax

Abatement: No

Homestead Code: N

Extended Legal: 25.5 ACS. M/L-S/2 OF THAT PART OF N/2 OF NE/4 & SE/4 OF NE/4 OF SEC. 1 (21-16), LYING SOUTH & WEST OF OLD VIVIAN-MOORINGSPOUR RD. 211601-0-19

**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
TIMBER CLASS III	\$1,310.00	\$0.00	\$1,310.00	\$131.00	\$0.00	\$131.00	10%
TIMBER CLASS II	\$4,290.00	\$0.00	\$4,290.00	\$429.00	\$0.00	\$429.00	10%
<b>Totals:</b>	<b>\$5,600.00</b>	<b>\$0.00</b>	<b>\$5,600.00</b>	<b>\$560.00</b>	<b>\$0.00</b>	<b>\$560.00</b>	

Map:





Tax Year 2021

(Uncertified)

**Property Owner**

Name: HUBBARD, JAMES S.

**Property Information**

Physical Address: 32456 NONE

Mailing Address: 612 HILLYER HIGH RD  
ANNISTON, AL 36207-6249

City: Outside

Subdivision: T. 21 N., R. 16 W.

Type: (AV) Agri Use/Vacant

Block / Lot: N/A / N/A

Tax Dist: (001) Outside

S-T-R: 01-21-16

Special Assessment

Freeze: No

Size (Acres):

Restoration Tax

Abatement: No

Homestead Code: N

Extended Legal: 21.54 ACS. M/L - THAT PART OF SW/4 OF SW/4 OF SEC. 1(21-16), LYING E. OF KCS RY., LESS W. 466.6 FT. OF N. 467 FT. THEREOF & LESS R/W, 211601-0-14.

**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
TIMBER CLASS III	\$570.00	\$0.00	\$570.00	\$57.00	\$0.00	\$57.00	10%
TIMBER CLASS II	\$4,860.00	\$0.00	\$4,860.00	\$486.00	\$0.00	\$486.00	10%
<b>Totals:</b>	<b>\$5,430.00</b>	<b>\$0.00</b>	<b>\$5,430.00</b>	<b>\$543.00</b>	<b>\$0.00</b>	<b>\$543.00</b>	

Map:



# Caddo Parish Report

Tax Year 2021  
(Uncertified)

## Property Owner

**Name:** KNIGHT LAND & OIL  
DEVELOPMENT COMPANY, LLC

**Mailing Address:** 1915 STATE ST  
NEW ORLEANS, LA 70118

**Type:** (AV) Agri Use/Vacant

**Tax Dist:** (001) Outside

**Special Assessment Freeze:** No

## Property Information

**Physical Address:** 0 Roy Hoppy Hopkins

**City:** Outside

**Subdivision:** T. 21 N., R. 16 W.

**Block / Lot:** N/A / N/A

**S-T-R:** 01-21-16

**Size (Acres):**

**Restoration Tax Abatement:** No

**Homestead Code:** N

**Extended Legal:** 39.85 ACS. M/L - SE/4 OF SW/4 OF SEC. 1(21-16), LESS R/W, 211601-0-10.

### Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
TIMBER CLASS III	\$3,340.00	\$0.00	\$3,340.00	\$334.00	\$0.00	\$334.00	10%
TIMBER CLASS II	\$3,720.00	\$0.00	\$3,720.00	\$372.00	\$0.00	\$372.00	10%
<b>Totals:</b>	\$7,060.00	\$0.00	\$7,060.00	\$706.00	\$0.00	\$706.00	

**Map:**





United States  
Department of  
Agriculture

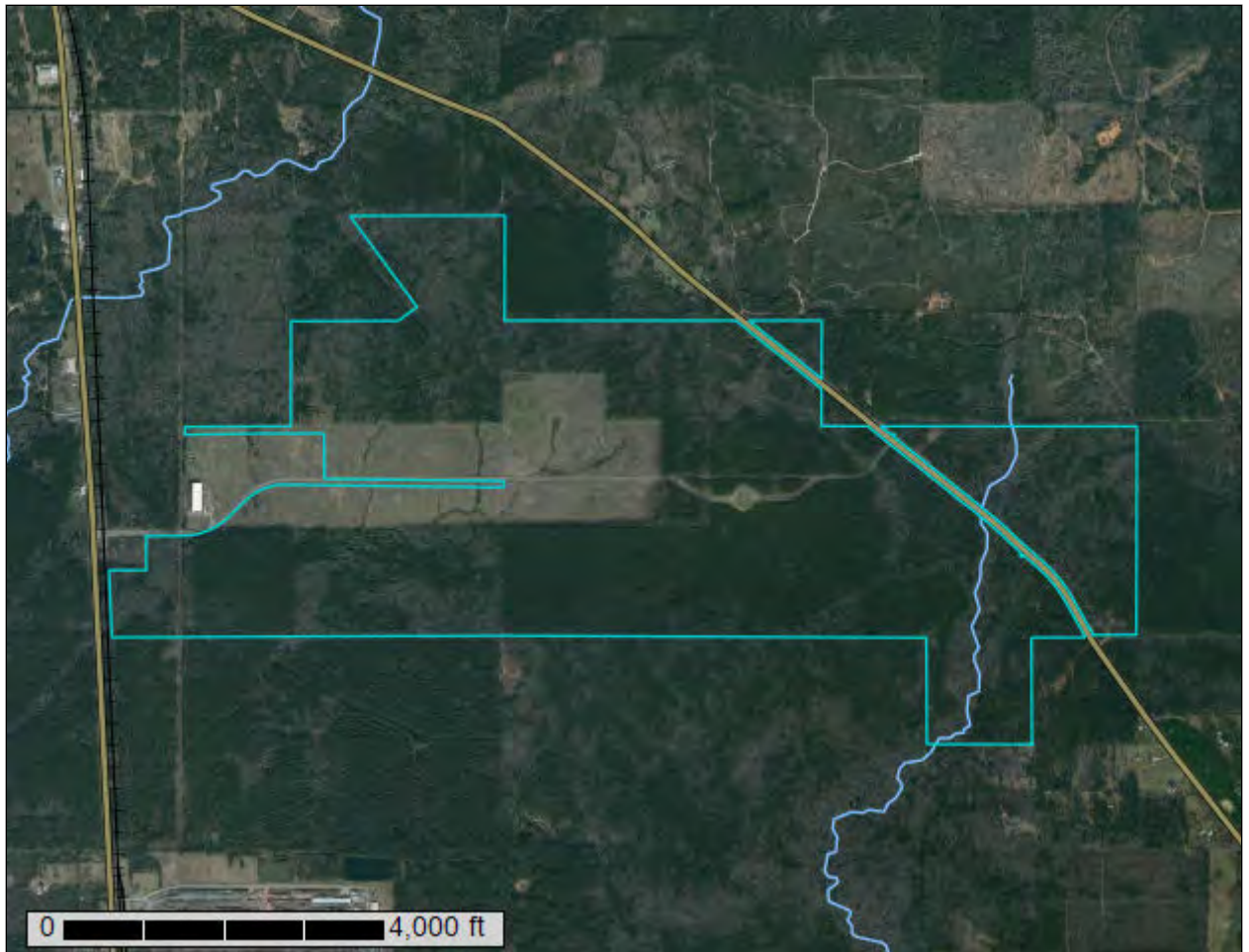
**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Caddo Parish, Louisiana**

## North Louisiana Economic Partnership Ward II Industrial Park



# Preface

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Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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# How Soil Surveys Are Made

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Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

## Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and



## Custom Soil Resource Report

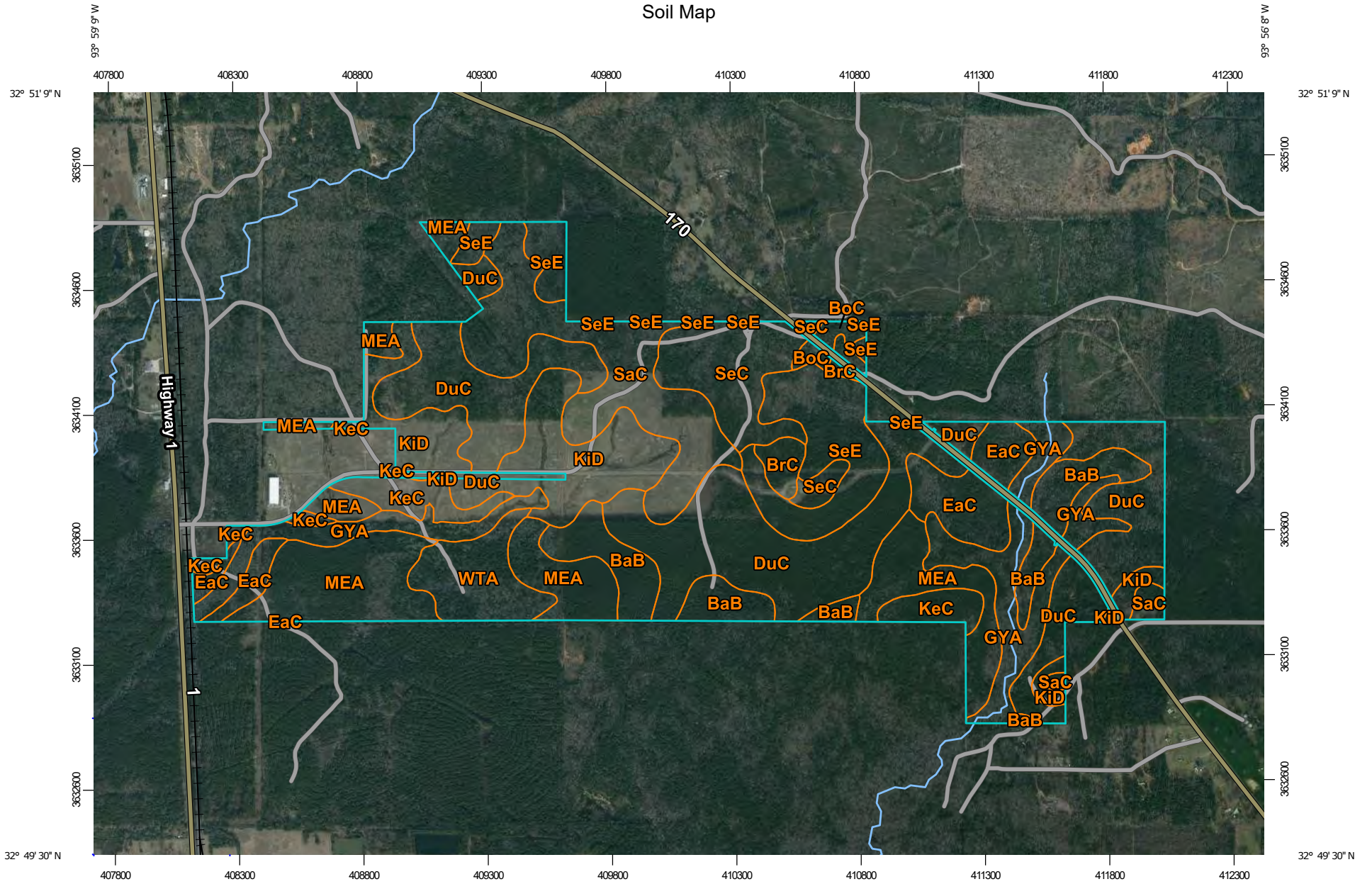
identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

# Soil Map

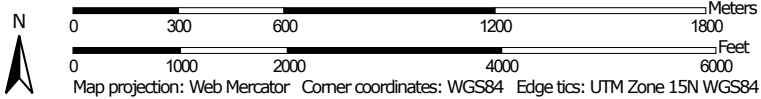
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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

# Custom Soil Resource Report Soil Map



Map Scale: 1:21,500 if printed on A landscape (11" x 8.5") sheet.



### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)




















**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Caddo Parish, Louisiana  
 Survey Area Data: Version 13, Jun 4, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 4, 2019—Dec 12, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Bernaldo fine sandy loam, 0 to 3 percent slopes	65.3	6.7%
BoC	Bowie fine sandy loam, 1 to 5 percent slopes	6.5	0.7%
BrC	Briley loamy fine sand, 1 to 5 percent slopes	11.2	1.2%
DuC	Dubach fine sandy loam, 1 to 5 percent slopes	235.5	24.1%
EaC	Eastwood fine sandy loam, 1 to 5 percent slopes	47.3	4.9%
GYA	Guyton-lulus complex, 0 to 1 percent slopes , frequently flooded	82.3	8.4%
KeC	Keithville very fine sandy loam, 1 to 5 percent slopes	34.1	3.5%
KiD	Kirvin fine sandy loam, 5 to 15 percent slopes	95.5	9.8%
MEA	Metcalf-Timpson complex, 0 to 2 percent slopes	132.4	13.6%
SaC	Sacul fine sandy loam, 1 to 5 percent slopes	101.0	10.3%
SeC	Sailes fine sandy loam, 1 to 5 percent slopes	54.9	5.6%
SeE	Sailes fine sandy loam, 5 to 12 percent slopes	73.8	7.6%
WTA	Wrightsville-Timpson complex, 0 to 1 percent slopes	35.9	3.7%
<b>Totals for Area of Interest</b>		<b>975.7</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made

## Custom Soil Resource Report

up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

## Custom Soil Resource Report

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## Caddo Parish, Louisiana

### BaB—Bernaldo fine sandy loam, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tf43  
*Elevation:* 200 to 550 feet  
*Mean annual precipitation:* 40 to 50 inches  
*Mean annual air temperature:* 63 to 68 degrees F  
*Frost-free period:* 240 to 260 days  
*Farmland classification:* All areas are prime farmland

#### Map Unit Composition

*Bernaldo and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Bernaldo

##### Setting

*Landform:* Stream terraces  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium

##### Typical profile

*A - 0 to 5 inches:* fine sandy loam  
*E - 5 to 15 inches:* fine sandy loam  
*Bt - 15 to 49 inches:* sandy clay loam  
*Bt/E - 49 to 80 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.57 to 1.98 in/hr)  
*Depth to water table:* About 48 to 57 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* High (about 10.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e  
*Land capability classification (nonirrigated):* 2e  
*Hydrologic Soil Group:* B  
*Ecological site:* F133BY013TX - Terrace  
*Hydric soil rating:* No



## Minor Components

### Mollville

*Percent of map unit:* 10 percent  
*Landform:* Depressions  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*Ecological site:* F133BY001TX - Depression  
*Hydric soil rating:* Yes

## BoC—Bowie fine sandy loam, 1 to 5 percent slopes

### Map Unit Setting

*National map unit symbol:* 2y11v  
*Elevation:* 150 to 600 feet  
*Mean annual precipitation:* 40 to 58 inches  
*Mean annual air temperature:* 61 to 70 degrees F  
*Frost-free period:* 220 to 250 days  
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Bowie and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Bowie

#### Setting

*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Loamy marine deposits

#### Typical profile

*A - 0 to 5 inches:* fine sandy loam  
*E - 5 to 10 inches:* fine sandy loam  
*Bt - 10 to 27 inches:* sandy clay loam  
*Btv - 27 to 45 inches:* sandy clay loam  
*Btv/E - 45 to 73 inches:* sandy clay loam  
*B't - 73 to 80 inches:* sandy clay loam

#### Properties and qualities

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Low

## Custom Soil Resource Report

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.57 to 1.98 in/hr)

*Depth to water table:* About 40 to 46 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.1 to 0.3 mmhos/cm)

*Available water supply, 0 to 60 inches:* High (about 9.6 inches)

### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* C

*Ecological site:* F133BY005TX - Loamy Upland

*Hydric soil rating:* No

### Minor Components

#### Lilbert

*Percent of map unit:* 3 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* F133BY006TX - Northern Sandy Loam Upland

*Hydric soil rating:* No

#### Sacul

*Percent of map unit:* 3 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Head slope

*Down-slope shape:* Concave

*Across-slope shape:* Linear

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

#### Kirvin

*Percent of map unit:* 2 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

#### Kullit

*Percent of map unit:* 2 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* F133BY005TX - Loamy Upland

*Hydric soil rating:* No

## **BrC—Briley loamy fine sand, 1 to 5 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 2tcnt  
*Elevation:* 200 to 600 feet  
*Mean annual precipitation:* 43 to 60 inches  
*Mean annual air temperature:* 57 to 68 degrees F  
*Frost-free period:* 200 to 275 days  
*Farmland classification:* Not prime farmland

### **Map Unit Composition**

*Briley and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Briley**

#### **Setting**

*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Sandy marine deposits

#### **Typical profile**

*A - 0 to 10 inches:* loamy fine sand  
*E - 10 to 22 inches:* loamy fine sand  
*Bt - 22 to 80 inches:* sandy clay loam

#### **Properties and qualities**

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Very low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.57 to 1.98 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline (0.1 to 0.3 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Moderate (about 8.7 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* B  
*Ecological site:* F133BY006TX - Northern Sandy Loam Upland  
*Hydric soil rating:* No

**Minor Components**

**Bowie**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

**Betis**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* F133BY008TX - Northern Deep Sandy Upland  
*Hydric soil rating:* No

**Kirvin**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

**DuC—Dubach fine sandy loam, 1 to 5 percent slopes**

**Map Unit Setting**

*National map unit symbol:* 2ssx1  
*Elevation:* 160 to 300 feet  
*Mean annual precipitation:* 40 to 62 inches  
*Mean annual air temperature:* 51 to 75 degrees F  
*Frost-free period:* 200 to 250 days  
*Farmland classification:* All areas are prime farmland

**Map Unit Composition**

*Dubach and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

## Description of Dubach

### Setting

*Landform:* Stream terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Loamy alluvium

### Typical profile

*A/E - 0 to 16 inches:* fine sandy loam  
*Bt - 16 to 59 inches:* sandy clay loam  
*Btv - 59 to 80 inches:* sandy clay loam

### Properties and qualities

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.60 to 2.00 in/hr)  
*Depth to water table:* About 42 to 60 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* High (about 9.1 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* B  
*Ecological site:* F133BY012TX - Wet Terrace  
*Hydric soil rating:* No

## Minor Components

### Bowie

*Percent of map unit:* 10 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

## EaC—Eastwood fine sandy loam, 1 to 5 percent slopes

### Map Unit Setting

*National map unit symbol:* 2ssx2  
*Elevation:* 150 to 390 feet

## Custom Soil Resource Report

*Mean annual precipitation:* 40 to 62 inches  
*Mean annual air temperature:* 52 to 77 degrees F  
*Frost-free period:* 200 to 270 days  
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Eastwood and similar soils:* 75 percent  
*Minor components:* 25 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Eastwood

#### Setting

*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Clayey marine deposits

#### Typical profile

*A/E - 0 to 9 inches:* fine sandy loam  
*Bt1 - 9 to 22 inches:* clay  
*Bt2 - 22 to 64 inches:* clay loam  
*BCg - 64 to 80 inches:* clay

#### Properties and qualities

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low (0.02 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 8.8 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* D  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

### Minor Components

#### Keithville

*Percent of map unit:* 14 percent  
*Landform:* Marine terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

**Timpson**

*Percent of map unit:* 11 percent  
*Landform:* Terraces  
*Landform position (three-dimensional):* Talf  
*Microfeatures of landform position:* Mounds  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY013TX - Terrace  
*Hydric soil rating:* No

**GYA—Guyton-lulus complex, 0 to 1 percent slopes , frequently flooded**

**Map Unit Setting**

*National map unit symbol:* 2ssx9  
*Elevation:* 140 to 360 feet  
*Mean annual precipitation:* 40 to 62 inches  
*Mean annual air temperature:* 52 to 77 degrees F  
*Frost-free period:* 200 to 350 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Guyton and similar soils:* 45 percent  
*lulus and similar soils:* 35 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Guyton**

**Setting**

*Landform:* Drainageways  
*Landform position (three-dimensional):* Dip  
*Down-slope shape:* Linear  
*Across-slope shape:* Concave  
*Parent material:* Loamy alluvium

**Typical profile**

*A/Eg - 0 to 28 inches:* silt loam  
*B/Etg - 28 to 64 inches:* silty clay loam  
*Btg - 64 to 80 inches:* silty clay loam

**Properties and qualities**

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* About 0 to 18 inches  
*Frequency of flooding:* Frequent  
*Frequency of ponding:* None

## Custom Soil Resource Report

*Gypsum, maximum content:* 5 percent  
*Maximum salinity:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 10.0  
*Available water supply, 0 to 60 inches:* Very high (about 12.2 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* C/D  
*Ecological site:* F133BY017TX - Loamy Bottomland  
*Hydric soil rating:* Yes

### Description of lulus

#### Setting

*Landform:* Drainageways  
*Landform position (three-dimensional):* Dip  
*Down-slope shape:* Linear  
*Across-slope shape:* Concave  
*Parent material:* Loamy alluvium

#### Typical profile

*A - 0 to 6 inches:* loam  
*Bw - 6 to 27 inches:* fine sandy loam  
*Bg - 27 to 80 inches:* fine sandy loam

#### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Moderately well drained  
*Runoff class:* Negligible  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)  
*Depth to water table:* About 18 to 48 inches  
*Frequency of flooding:* FrequentNone  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Moderate (about 9.0 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* C  
*Ecological site:* F133BY014TX - Creek Bottomland  
*Hydric soil rating:* No

### Minor Components

#### Keithville

*Percent of map unit:* 10 percent  
*Landform:* Marine terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No



**Eastwood**

*Percent of map unit:* 10 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

**KeC—Keithville very fine sandy loam, 1 to 5 percent slopes**

**Map Unit Setting**

*National map unit symbol:* 2r7r9  
*Elevation:* 160 to 560 feet  
*Mean annual precipitation:* 48 to 55 inches  
*Mean annual air temperature:* 63 to 64 degrees F  
*Frost-free period:* 215 to 230 days  
*Farmland classification:* All areas are prime farmland

**Map Unit Composition**

*Keithville and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Keithville**

**Setting**

*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve, tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium over clayey fluviomarine deposits

**Typical profile**

*A - 0 to 3 inches:* very fine sandy loam  
*E - 3 to 11 inches:* very fine sandy loam  
*Bt - 11 to 22 inches:* clay loam  
*Bt/E - 22 to 28 inches:* clay loam  
*2Bt/E - 28 to 51 inches:* silty clay  
*2Bt - 51 to 81 inches:* silty clay

**Properties and qualities**

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Moderately well drained  
*Runoff class:* High

## Custom Soil Resource Report

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low (0.02 to 0.06 in/hr)

*Depth to water table:* About 24 to 36 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.1 to 1.0 mmhos/cm)

*Available water supply, 0 to 60 inches:* High (about 10.5 inches)

### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* C

*Ecological site:* F133BY005TX - Loamy Upland

*Hydric soil rating:* No

### Minor Components

#### Eastwood

*Percent of map unit:* 5 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

#### Metcalf

*Percent of map unit:* 5 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Ecological site:* F133BY002TX - Seasonally Wet Upland

*Hydric soil rating:* No

## KiD—Kirvin fine sandy loam, 5 to 15 percent slopes

### Map Unit Setting

*National map unit symbol:* 2ssxc

*Elevation:* 160 to 380 feet

*Mean annual precipitation:* 40 to 65 inches

*Mean annual air temperature:* 61 to 70 degrees F

*Frost-free period:* 200 to 320 days

*Farmland classification:* Not prime farmland

### Map Unit Composition

*Kirvin and similar soils:* 85 percent

*Minor components:* 15 percent

## Custom Soil Resource Report

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Kirvin

#### Setting

*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Clayey residuum weathered from sandstone and shale

#### Typical profile

*A - 0 to 13 inches:* fine sandy loam  
*Bt1 - 13 to 33 inches:* clay  
*Bt2 - 33 to 80 inches:* sandy clay

#### Properties and qualities

*Slope:* 5 to 15 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.57 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 7.5 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* C  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

### Minor Components

#### Bowie

*Percent of map unit:* 10 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

#### Sailes

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

## **MEA—Metcalf-Timpson complex, 0 to 2 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 2ssxh  
*Elevation:* 150 to 350 feet  
*Mean annual precipitation:* 40 to 62 inches  
*Mean annual air temperature:* 51 to 75 degrees F  
*Frost-free period:* 200 to 270 days  
*Farmland classification:* All areas are prime farmland

### **Map Unit Composition**

*Metcalf and similar soils:* 55 percent  
*Timpson and similar soils:* 35 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Metcalf**

#### **Setting**

*Landform:* Terraces  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium over clayey residuum weathered from sandstone and shale

#### **Typical profile**

*A/E - 0 to 10 inches:* silt loam  
*B/Et - 10 to 46 inches:* silty clay loam  
*2Btg - 46 to 80 inches:* clay loam

#### **Properties and qualities**

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat poorly drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* About 18 to 30 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* High (about 10.3 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 2w  
*Hydrologic Soil Group:* C  
*Ecological site:* F133BY002TX - Seasonally Wet Upland  
*Hydric soil rating:* No

## Description of Timpson

### Setting

*Landform:* Terraces

*Landform position (three-dimensional):* Talf

*Microfeatures of landform position:* Mounds

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Loamy alluvium over clayey residuum weathered from sandstone and shale

### Typical profile

*A/E - 0 to 21 inches:* silt loam

*Bt - 21 to 56 inches:* loam

*2Btg - 56 to 80 inches:* sandy clay loam

### Properties and qualities

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.57 in/hr)

*Depth to water table:* About 30 to 42 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* High (about 10.8 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2w

*Hydrologic Soil Group:* B

*Ecological site:* F133BY013TX - Terrace

*Hydric soil rating:* No

## Minor Components

### Eastwood

*Percent of map unit:* 10 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

## SaC—Sacul fine sandy loam, 1 to 5 percent slopes

### Map Unit Setting

*National map unit symbol:* 2tnhx  
*Elevation:* 150 to 450 feet  
*Mean annual precipitation:* 42 to 63 inches  
*Mean annual air temperature:* 59 to 72 degrees F  
*Frost-free period:* 190 to 259 days  
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Sacul and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Sacul

#### Setting

*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Head slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Clayey fluviomarine deposits

#### Typical profile

*A - 0 to 4 inches:* fine sandy loam  
*E - 4 to 12 inches:* fine sandy loam  
*Bt - 12 to 39 inches:* clay  
*Btg - 39 to 53 inches:* sandy clay  
*BCg - 53 to 62 inches:* clay loam  
*C - 62 to 80 inches:* clay loam

#### Properties and qualities

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Moderately well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* About 24 to 39 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline (0.1 to 0.3 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Low (about 5.7 inches)

#### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 4e

## Custom Soil Resource Report

*Hydrologic Soil Group:* D

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

### Minor Components

#### **Bowie**

*Percent of map unit:* 10 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Linear

*Across-slope shape:* Concave

*Ecological site:* F133BY005TX - Loamy Upland

*Hydric soil rating:* No

### SeC—Sailes fine sandy loam, 1 to 5 percent slopes

#### **Map Unit Setting**

*National map unit symbol:* 2ssxv

*Elevation:* 190 to 380 feet

*Mean annual precipitation:* 45 to 65 inches

*Mean annual air temperature:* 61 to 70 degrees F

*Frost-free period:* 190 to 320 days

*Farmland classification:* All areas are prime farmland

#### **Map Unit Composition**

*Sailes and similar soils:* 90 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### **Description of Sailes**

##### **Setting**

*Landform:* Interfluves

*Landform position (two-dimensional):* Summit, shoulder

*Landform position (three-dimensional):* Crest

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Loamy alluvium and/or marine deposits

##### **Typical profile**

*A - 0 to 7 inches:* fine sandy loam

*E - 7 to 15 inches:* fine sandy loam

*Bt - 15 to 80 inches:* sandy clay loam

##### **Properties and qualities**

*Slope:* 1 to 5 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

## Custom Soil Resource Report

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Moderate (about 8.7 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* B

*Ecological site:* F133BY005TX - Loamy Upland

*Hydric soil rating:* No

### Minor Components

#### Sacul

*Percent of map unit:* 10 percent

*Landform:* Interfluves

*Landform position (two-dimensional):* Shoulder, summit

*Landform position (three-dimensional):* Crest

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Ecological site:* F133BY003TX - Loamy Over Clayey Upland

*Hydric soil rating:* No

## SeE—Sailes fine sandy loam, 5 to 12 percent slopes

### Map Unit Setting

*National map unit symbol:* 2ssxw

*Elevation:* 180 to 360 feet

*Mean annual precipitation:* 40 to 65 inches

*Mean annual air temperature:* 61 to 70 degrees F

*Frost-free period:* 200 to 320 days

*Farmland classification:* Not prime farmland

### Map Unit Composition

*Sailes and similar soils:* 81 percent

*Minor components:* 19 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Sailes

#### Setting

*Landform:* Interfluves

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Loamy alluvium and/or marine deposits



## Custom Soil Resource Report

### Typical profile

*A - 0 to 4 inches:* fine sandy loam  
*E - 4 to 20 inches:* fine sandy loam  
*Bt - 20 to 80 inches:* sandy clay loam

### Properties and qualities

*Slope:* 5 to 12 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.60 to 2.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 8.6 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* B  
*Ecological site:* F133BY005TX - Loamy Upland  
*Hydric soil rating:* No

### Minor Components

#### Betis

*Percent of map unit:* 12 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Shoulder, summit  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* F133BY008TX - Northern Deep Sandy Upland  
*Hydric soil rating:* No

#### Eastwood

*Percent of map unit:* 7 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

## WTA—Wrightsville-Timpson complex, 0 to 1 percent slopes

### Map Unit Setting

*National map unit symbol:* 2ssyj

## Custom Soil Resource Report

*Elevation:* 150 to 360 feet  
*Mean annual precipitation:* 42 to 60 inches  
*Mean annual air temperature:* 61 to 70 degrees F  
*Frost-free period:* 200 to 300 days  
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Wrightsville and similar soils:* 55 percent  
*Timpson and similar soils:* 35 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Wrightsville

#### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Silty over clayey alluvium

#### Typical profile

*A - 0 to 3 inches:* silt loam  
*Eg - 3 to 20 inches:* silt loam  
*2Btg - 20 to 83 inches:* silty clay loam

#### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low (0.02 to 0.06 in/hr)  
*Depth to water table:* About 5 to 12 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* High (about 11.2 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3w  
*Hydrologic Soil Group:* D  
*Ecological site:* F133BY012TX - Wet Terrace  
*Hydric soil rating:* Yes

### Description of Timpson

#### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Microfeatures of landform position:* Mounds  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium over clayey residuum weathered from sandstone and shale

## Custom Soil Resource Report

### Typical profile

*A/E - 0 to 21 inches:* silt loam  
*Bt - 21 to 56 inches:* loam  
*2Btg - 56 to 80 inches:* sandy clay loam

### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Moderately well drained  
*Runoff class:* Negligible  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.57 in/hr)  
*Depth to water table:* About 30 to 42 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* High (about 10.8 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 2w  
*Hydrologic Soil Group:* B  
*Ecological site:* F133BY013TX - Terrace  
*Hydric soil rating:* No

### Minor Components

#### Gore

*Percent of map unit:* 6 percent  
*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

#### Ashford

*Percent of map unit:* 4 percent  
*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F133BY001TX - Depression  
*Hydric soil rating:* Yes

# Soil Information for All Uses

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## Suitabilities and Limitations for Use

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

## Land Classifications

Land Classifications are specified land use and management groupings that are assigned to soil areas because combinations of soil have similar behavior for specified practices. Most are based on soil properties and other factors that directly influence the specific use of the soil. Example classifications include ecological site classification, farmland classification, irrigated and nonirrigated land capability classification, and hydric rating.

## Hydric Rating by Map Unit

This rating indicates the percentage of map units that meets the criteria for hydric soils. Map units are composed of one or more map unit components or soil types, each of which is rated as hydric soil or not hydric. Map units that are made up dominantly of hydric soils may have small areas of minor nonhydric components in the higher positions on the landform, and map units that are made up dominantly of nonhydric soils may have small areas of minor hydric components in the lower positions on the landform. Each map unit is rated based on its respective components and the percentage of each component within the map unit.

The thematic map is color coded based on the composition of hydric components. The five color classes are separated as 100 percent hydric components, 66 to 99 percent hydric components, 33 to 65 percent hydric components, 1 to 32 percent hydric components, and less than one percent hydric components.

In Web Soil Survey, the Summary by Map Unit table that is displayed below the map pane contains a column named 'Rating'. In this column the percentage of each map unit that is classified as hydric is displayed.

## Custom Soil Resource Report

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). Under natural conditions, these soils are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

### References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

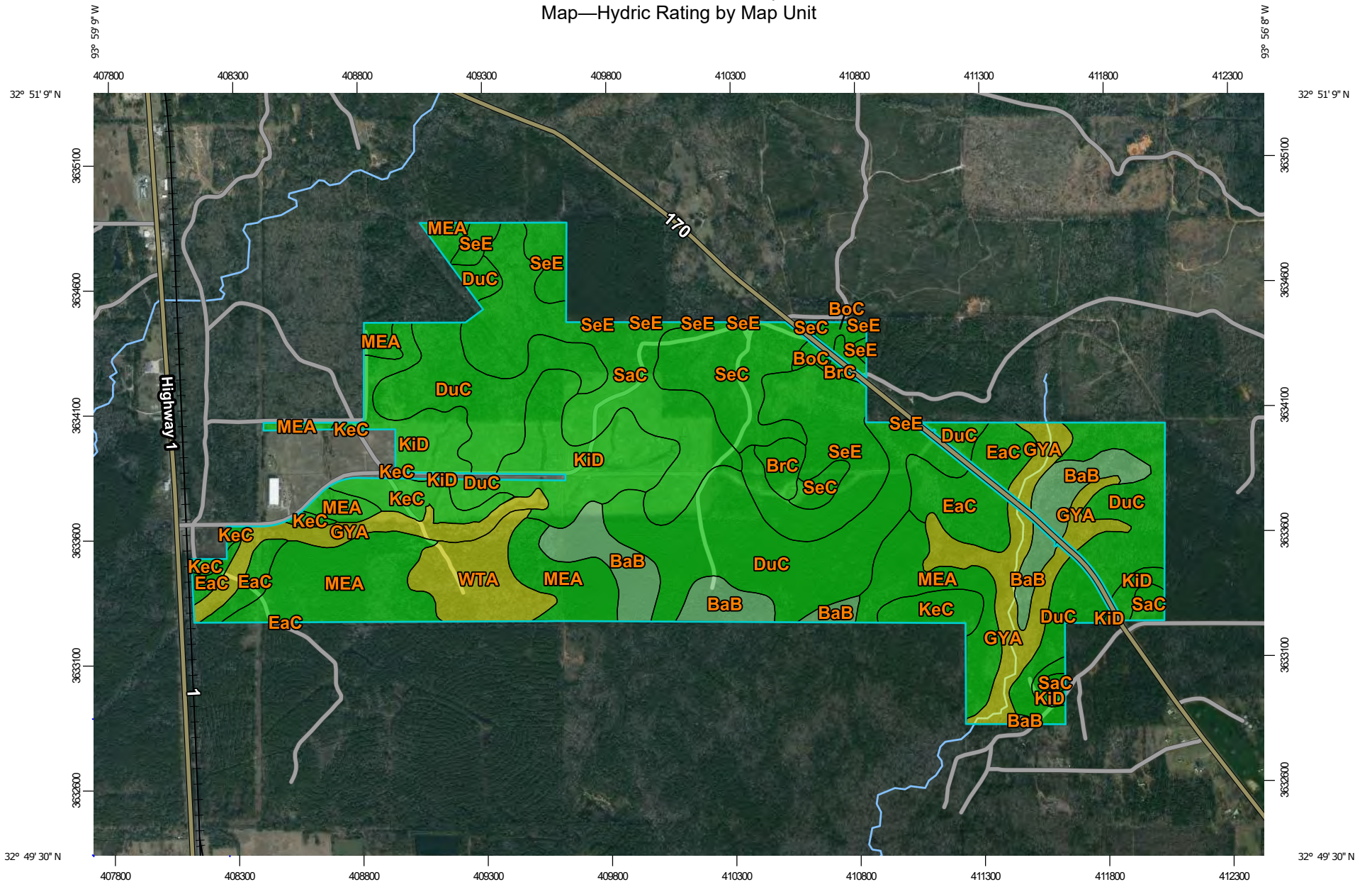
Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.

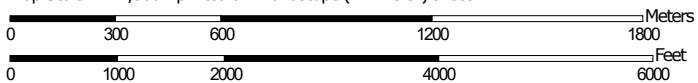
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# Custom Soil Resource Report Map—Hydric Rating by Map Unit




Map Scale: 1:21,500 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84







### MAP LEGEND

**Area of Interest (AOI)**







 Area of Interest (AOI)

**Soils**







**Soil Rating Polygons**

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available


**Soil Rating Lines**

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available






**Soil Rating Points**

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available


**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Caddo Parish, Louisiana  
 Survey Area Data: Version 13, Jun 4, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 4, 2019—Dec 12, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

**Table—Hydric Rating by Map Unit**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BaB	Bernaldo fine sandy loam, 0 to 3 percent slopes	10	65.3	6.7%
BoC	Bowie fine sandy loam, 1 to 5 percent slopes	0	6.5	0.7%
BrC	Briley loamy fine sand, 1 to 5 percent slopes	0	11.2	1.2%
DuC	Dubach fine sandy loam, 1 to 5 percent slopes	0	235.5	24.1%
EaC	Eastwood fine sandy loam, 1 to 5 percent slopes	0	47.3	4.9%
GYA	Guyton-lulus complex, 0 to 1 percent slopes , frequently flooded	45	82.3	8.4%
KeC	Keithville very fine sandy loam, 1 to 5 percent slopes	0	34.1	3.5%
KiD	Kirvin fine sandy loam, 5 to 15 percent slopes	0	95.5	9.8%
MEA	Metcalf-Timpson complex, 0 to 2 percent slopes	0	132.4	13.6%
SaC	Sacul fine sandy loam, 1 to 5 percent slopes	0	101.0	10.3%
SeC	Sailes fine sandy loam, 1 to 5 percent slopes	0	54.9	5.6%
SeE	Sailes fine sandy loam, 5 to 12 percent slopes	0	73.8	7.6%
WTA	Wrightsville-Timpson complex, 0 to 1 percent slopes	59	35.9	3.7%
<b>Totals for Area of Interest</b>			<b>975.7</b>	<b>100.0%</b>

**Rating Options—Hydric Rating by Map Unit**

*Aggregation Method:* Percent Present

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the



## Custom Soil Resource Report

map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Percent Present" returns the cumulative percent composition of all components of a map unit for which a certain condition is true. For example, attribute "Hydric Rating by Map Unit" returns the cumulative percent composition of all components of a map unit where the corresponding hydric rating is "Yes". Conditions may be simple or complex. At runtime, the user may be able to specify all, some or none of the conditions in question.

### *Component Percent Cutoff: None Specified*

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

### *Tie-break Rule: Lower*

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

# References

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- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
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- Federal Register. September 18, 2002. Hydric soils of the United States.
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- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2\\_053374](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374)
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## Custom Soil Resource Report

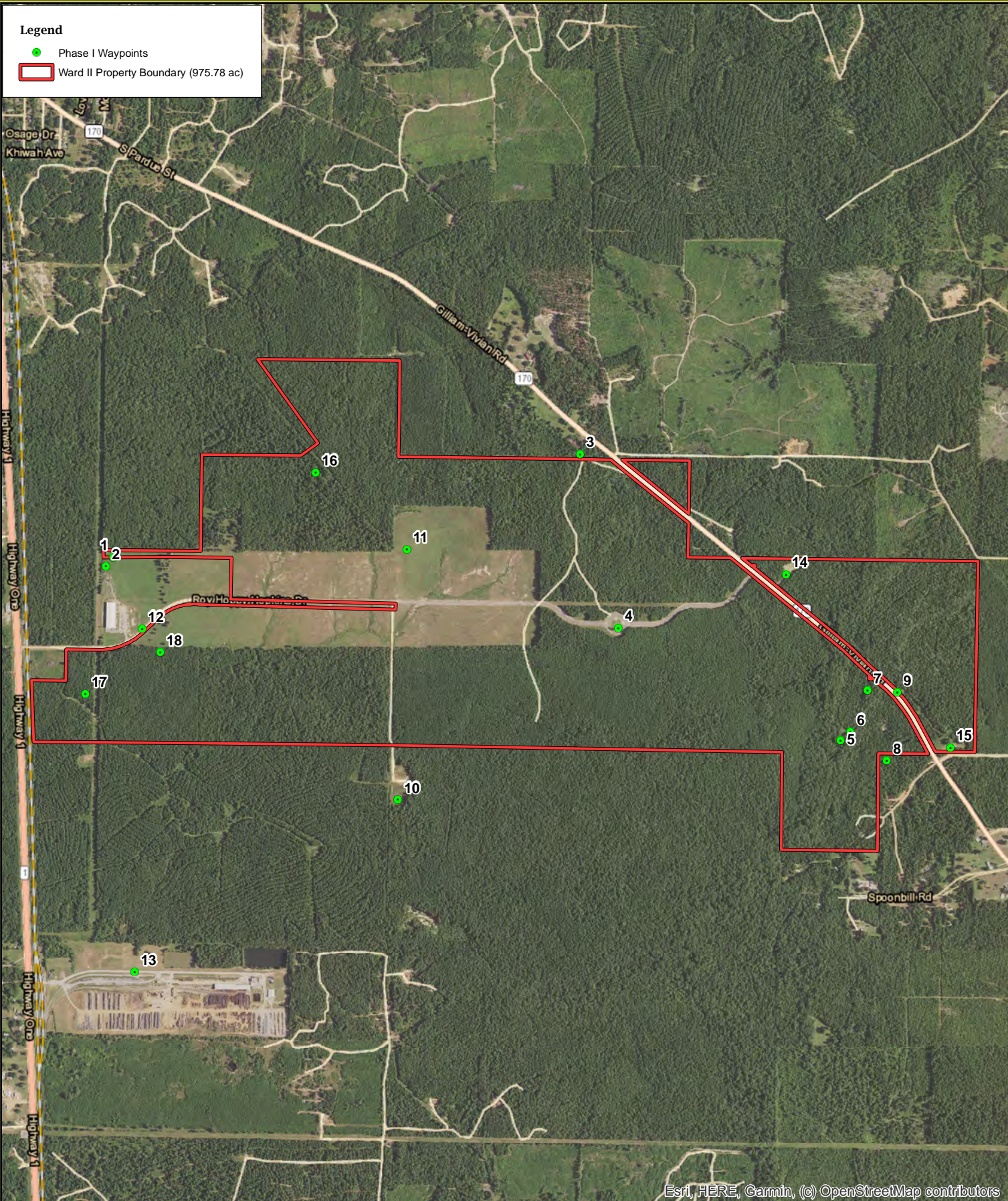
United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2\\_054242](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

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United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. [http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_052290.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf)

# **SITE PHOTOGRAPHS**

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**North Louisiana Economic Partnership  
Ward II Industrial Park**  
Sects 5,6,& 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana  
[GPS/Photo Location Map](#)

0 140,000 280,000 Feet  
1:21,000

NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USDA NAIP 2019 Imagery Basemap



**North Louisiana Economic Partnership  
Ward II Industrial Park  
Caddo Parish, Louisiana**

**GPS Point/Photo Locations**

<b>Waypoint #</b>	<b>Latitude N(decimal degrees)</b>	<b>Longitude W(decimal degrees)</b>	<b>Photo #</b>
1	32.840544	-93.978225	1-6
2	32.840205	-93.978540	7-8
3	32.844650	-93.957564	9-11
4	32.838161	-93.955764	12-14
5	32.834044	-93.945839	15-17
6	32.834381	-93.945403	18
7	32.835931	-93.944678	19
8	32.833314	-93.943778	20
9	32.835881	-93.943347	21
10	32.831606	-93.965444	22-25
11	32.840986	-93.965192	26-28
12	32.837881	-93.976894	29-30
13	32.825017	-93.977014	31-34
14	32.840247	-93.948361	35-36
15	32.833836	-93.940967	37-38
16	32.843821	-93.969280	39
17	32.835413	-93.979365	40
18	32.837002	-93.976071	41

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #1

PHOTOGRAPH #1



Pile of debris on the far west side of the site, just north of the electrical business. It appears to be sheet metal siding/roofing left over from when they built the adjacent building (Allen's Electric Motor Services, Inc.).

WAYPOINT #1

PHOTOGRAPH #2



Additional photo of sheet metal siding.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #1

PHOTOGRAPH #3



Photo of metal panels located on the far west side of the site.

WAYPOINT #1

PHOTOGRAPH #4



Additional view of sheet metal siding/roofing.



## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #1

PHOTOGRAPH #5



Close up view of sheet metal.

WAYPOINT #1

PHOTOGRAPH #6



Additional photo of sheet metal panels.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #2

PHOTOGRAPH #7



Large aboveground storage tank, presumably to hold water, located on its side.

WAYPOINT #2

PHOTOGRAPH #8



Additional view of aboveground storage tank.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #3

PHOTOGRAPH #9



Old shop and boats located on an adjoining property to the north along LA Highway 170. None appeared to have any motors on them.

WAYPOINT #3

PHOTOGRAPH #10



Additional view of old boats.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #3

PHOTOGRAPH #11



Another view of old boats located on adjoining property to the north.

WAYPOINT #4

PHOTOGRAPH #12



Cemetery located in the central portion of the subject property.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #4

PHOTOGRAPH #13



Additional view of cemetery located along Roy "Hoppy" Hopkins Drive.

WAYPOINT #4

PHOTOGRAPH #14



Cemetery denoted as Hancock Cemetery on USGS quadrangle map.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #5

PHOTOGRAPH #15



Oil derrick pump located in the southeastern portion of the site.

WAYPOINT #5

PHOTOGRAPH #16



Additional view of oil derrick pump located in the southeastern portion of the site.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #5

PHOTOGRAPH #17



Oil well owned by Nathan Hale Oil Company. Humble D 1 Serial # 113147 located in Section 5, Township 21 North, Range 15 West.

WAYPOINT #6

PHOTOGRAPH #18



Stained soil associated with oil well in southeastern portion of subject property.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #7

PHOTOGRAPH #19



Oil well owned by Nathan Hale Oil Company. Humble D 2 Serial # 114873 located in Section 5, Township 21 North, Range 15 West.

WAYPOINT #8

PHOTOGRAPH #20



Oil well owned by Nathan Hale Oil Company. Caldwell # 4 Serial No. 106804 located in Section 8, Township 21 North, Range 15 West, Caddo Pine Island Field.



## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #9

PHOTOGRAPH #21



Oil well owned by Nathan Hale Oil Company. Exxon 3 Serial # 202480 located in Section 5, Township 21 North, Range 15 West.

WAYPOINT #10

PHOTOGRAPH #22



Well pad associated with a dry and plugged well Chevron USA Inc 7 Well # 1, located just south of the subject property on an adjoining property.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #10

PHOTOGRAPH #23



Additional view of well pad associated with a dry and plugged well.

WAYPOINT #10

PHOTOGRAPH #24



Another view of dry and plugged well pad.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #10

PHOTOGRAPH #25



Well pad located just south of the subject property on adjoining property.

WAYPOINT #11

PHOTOGRAPH #26



General habitat within the western portion of the subject property. This area has been cleared for future industrial development.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #11

PHOTOGRAPH #27



Another view of cleared habitat in western portion of subject property.

WAYPOINT #11

PHOTOGRAPH #28



Additional photo of western portion of subject property which has been cleared.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #12

PHOTOGRAPH #29



Adjacent business to the west (Allen's Electric Motor Services, Inc.)

WAYPOINT #12

PHOTOGRAPH #30



Front view of Allen's Electric Motor Services, Inc.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #13

PHOTOGRAPH #31



Superior Tie & Timber located 0.572 miles south of the subject property.

WAYPOINT #13

PHOTOGRAPH #32



Additional view of Superior Tie & Timber, an archived Superfund site.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #13

PHOTOGRAPH #33



Another view of Superior Tie & Timber along the Kansas City Southern railroad.

WAYPOINT #13

PHOTOGRAPH #34



Tank Battery at Superior Tie & Timber.

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #14

PHOTOGRAPH #35



Photo of an old well pad (Blackstone Minerals Well #1) located on the subject property.

WAYPOINT #14

PHOTOGRAPH #36



Another photo of old well pad along north property boundary.



## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #15

PHOTOGRAPH #37



**Nathan Hale Oil Company Exxon Lease Tank Battery located in the southeast corner of the site.**

WAYPOINT #15

PHOTOGRAPH #38



**Oil well owned by Nathan Hale Oil Company. Exxon # 1 Serial No. 206358.**

## Ward II Industrial Park Caddo Parish, Louisiana

WAYPOINT #16

PHOTOGRAPH #39



View to the southwest depicting the forested upland habitat observed within the north portion of this parcel.

WAYPOINT #17

PHOTOGRAPH #40



View to the north depicting the upland habitat observed within the existing transmission line right-of-way that transects the southwest parcel.

**Ward II Industrial Park  
Caddo Parish, Louisiana**

**WAYPOINT #18**

**PHOTOGRAPH #41**



**View to the west depicting the forested upland habitat observed within this parcel.**

# **HISTORICAL RESEARCH DOCUMENTATION**

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Ward II Industrial Park  
Roy Hoppy Hopkins Drive  
Vivian, LA 71082

Inquiry Number: 6590116.3

July 23, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

07/23/21

**Site Name:**

Ward II Industrial Park  
Roy Hoppy Hopkins Drive  
Vivian, LA 71082  
EDR Inquiry # 6590116.3

**Client Name:**

Headwaters Inc.  
PO Box 2836  
Ridgeland, MS 39158-0000  
Contact: Pamela Hall



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Headwaters Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** CD5D-489B-B6D9  
**PO #** North Louisiana Economic Part  
**Project** Ward II Industrial Park

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: CD5D-489B-B6D9

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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**Ward II Industrial Park**

Roy Hoppy Hopkins Drive

Vivian, LA 71082

Inquiry Number: 6590116.5

July 23, 2021

# The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

**Date EDR Searched Historical Sources:**

Aerial Photography July 23, 2021

**Target Property:**


Roy Hoppy Hopkins Drive

Vivian, LA 71082

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1949	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1949	USGS
1957	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1957	USGS
1970	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1970	USGS
1975	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1975	USGS
1985	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1985	USGS
1989	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1989	USGS/DOQQ
1998	Aerial Photograph. Scale: 1"=1600'	Flight Year: 1998	USGS/DOQQ
2004	Aerial Photograph. Scale: 1"=1600'	Flight Year: 2004	USGS/DOQQ
2007	Aerial Photograph. Scale: 1"=1600'	Flight Year: 2007	USGS/NAIP
2010	Aerial Photograph. Scale: 1"=1600'	Flight Year: 2010	USGS/NAIP
2013	Aerial Photograph. Scale: 1"=1600'	Flight Year: 2013	USGS/NAIP
2017	Aerial Photograph. Scale: 1"=1600'	Flight Year: 2017	USGS/NAIP



**Legend**

 Ward II Property Boundary (975.78 ac)

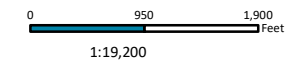


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana


**Historical Aerial Photo: Year 1949**

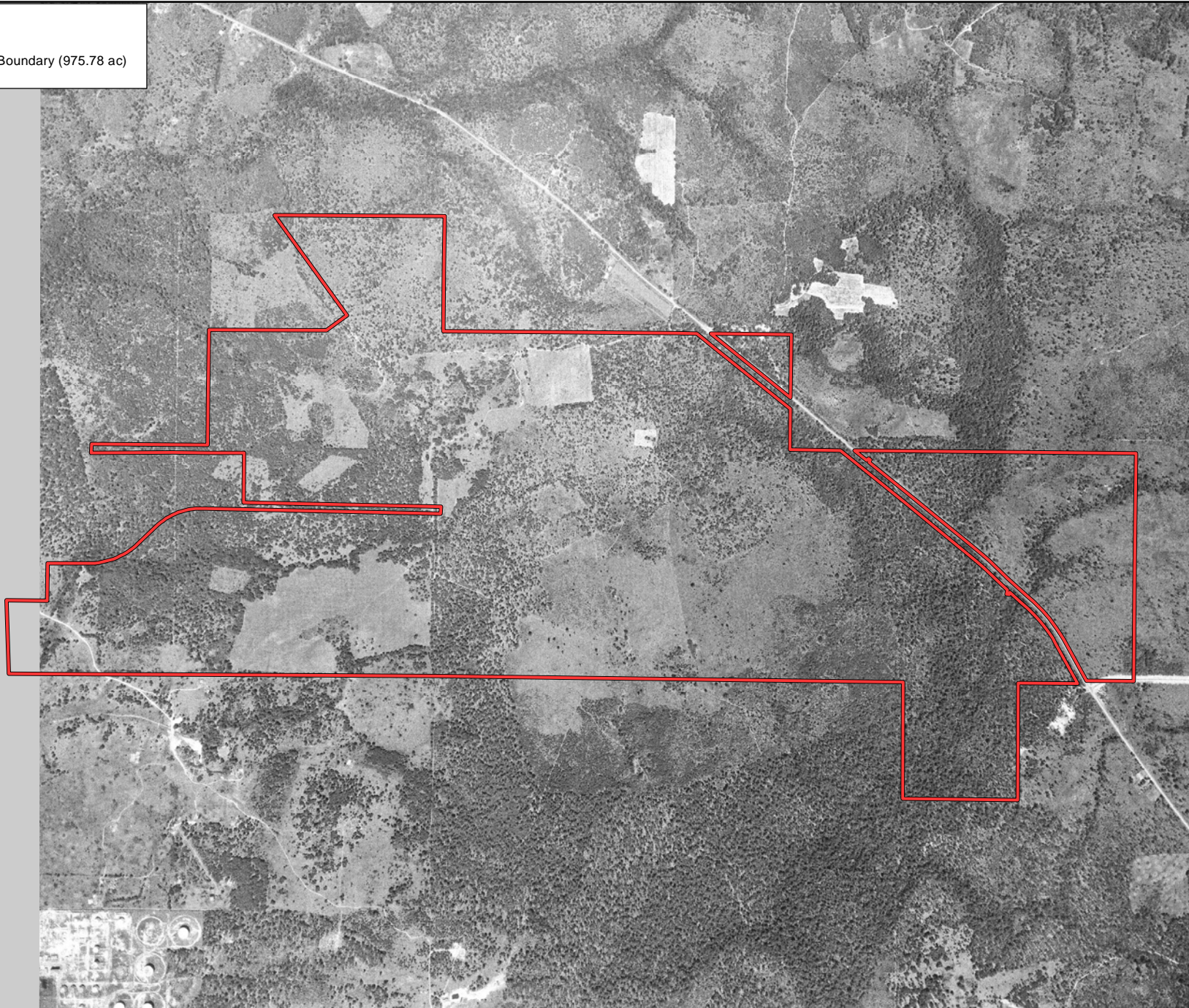


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS 1949 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

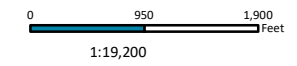


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**


Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**Historical Aerial Photo: Year 1957**



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USGS 1957 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

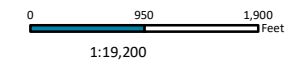


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**Historical Aerial Photo: Year 1970**

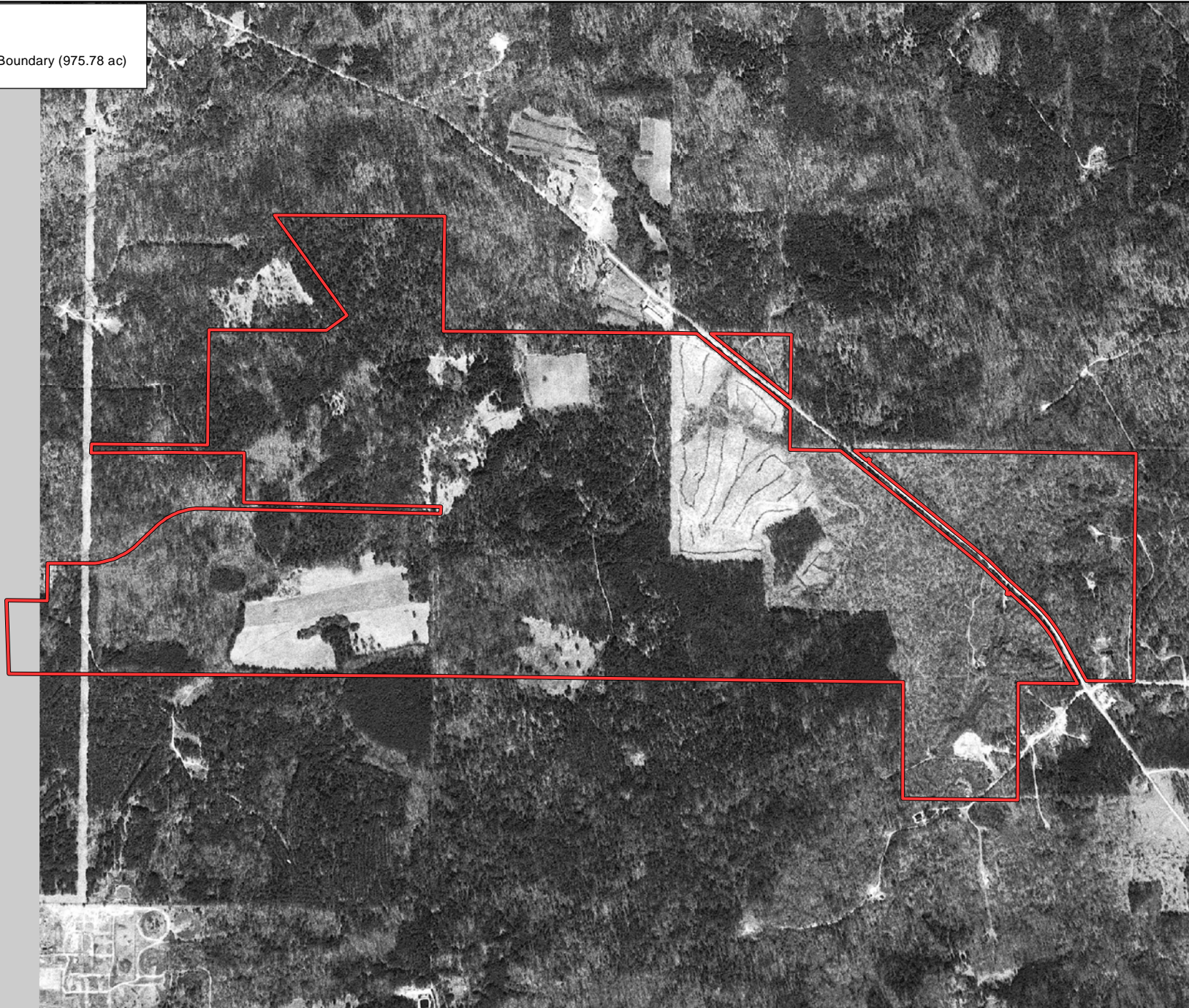


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS 1970 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)



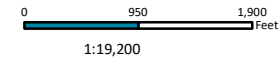
Date Created: 9/29/2021

Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana


**Historical Aerial Photo: Year 1975**

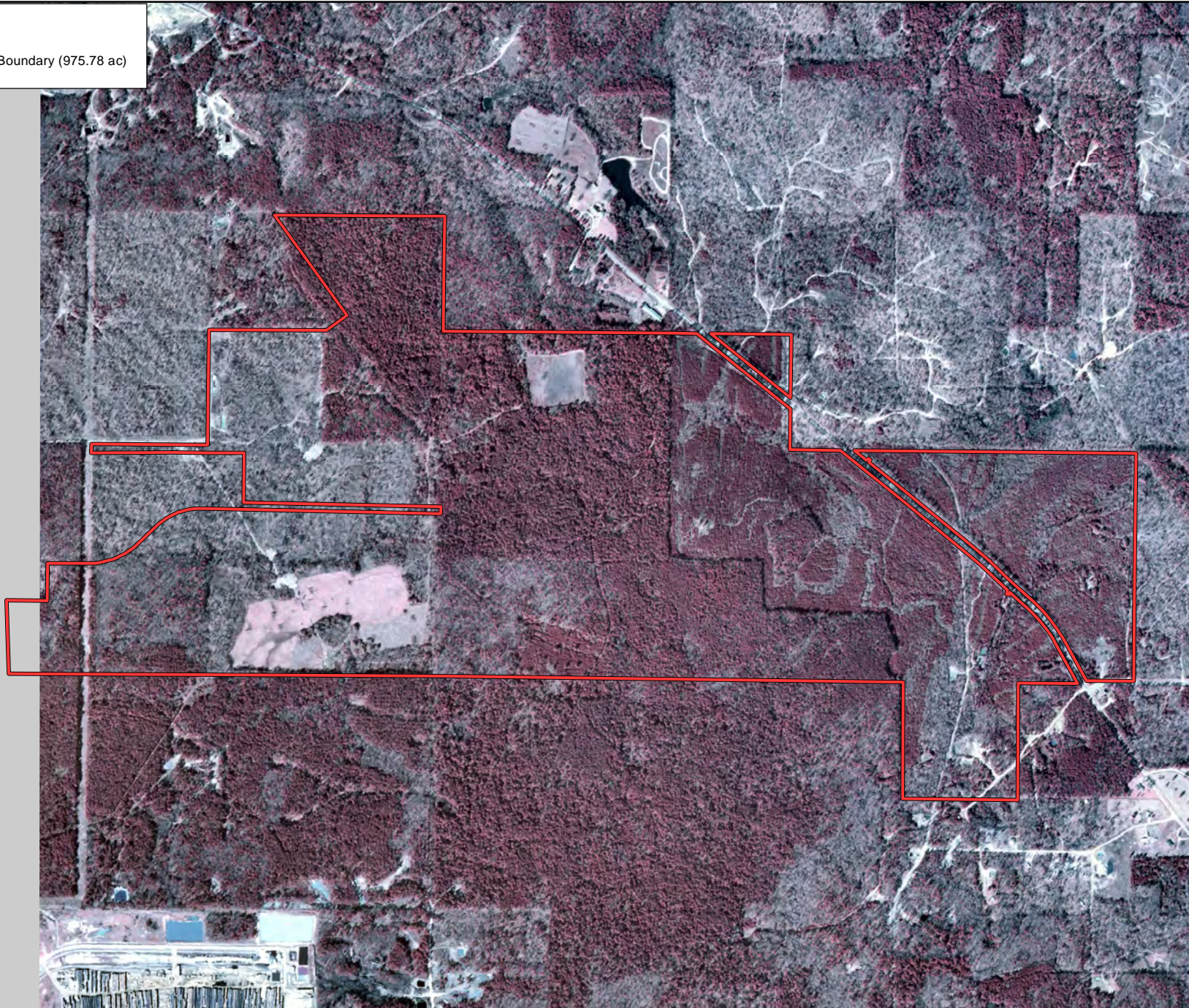


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS 1975 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)



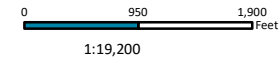
Date Created: 9/29/2021

Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana


**Historical Aerial Photo: Year 1985**

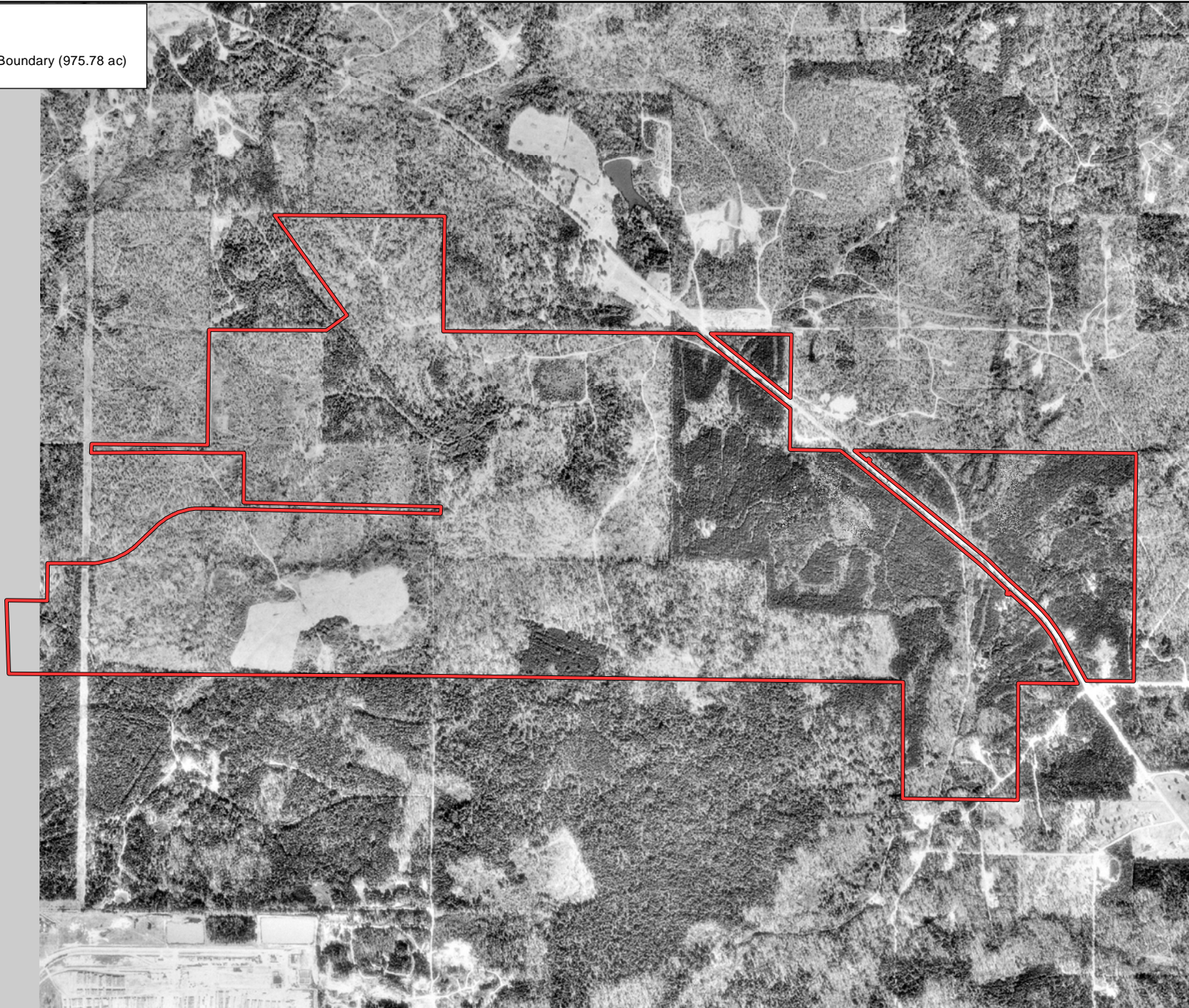


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS 1985 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

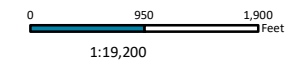


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**


Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

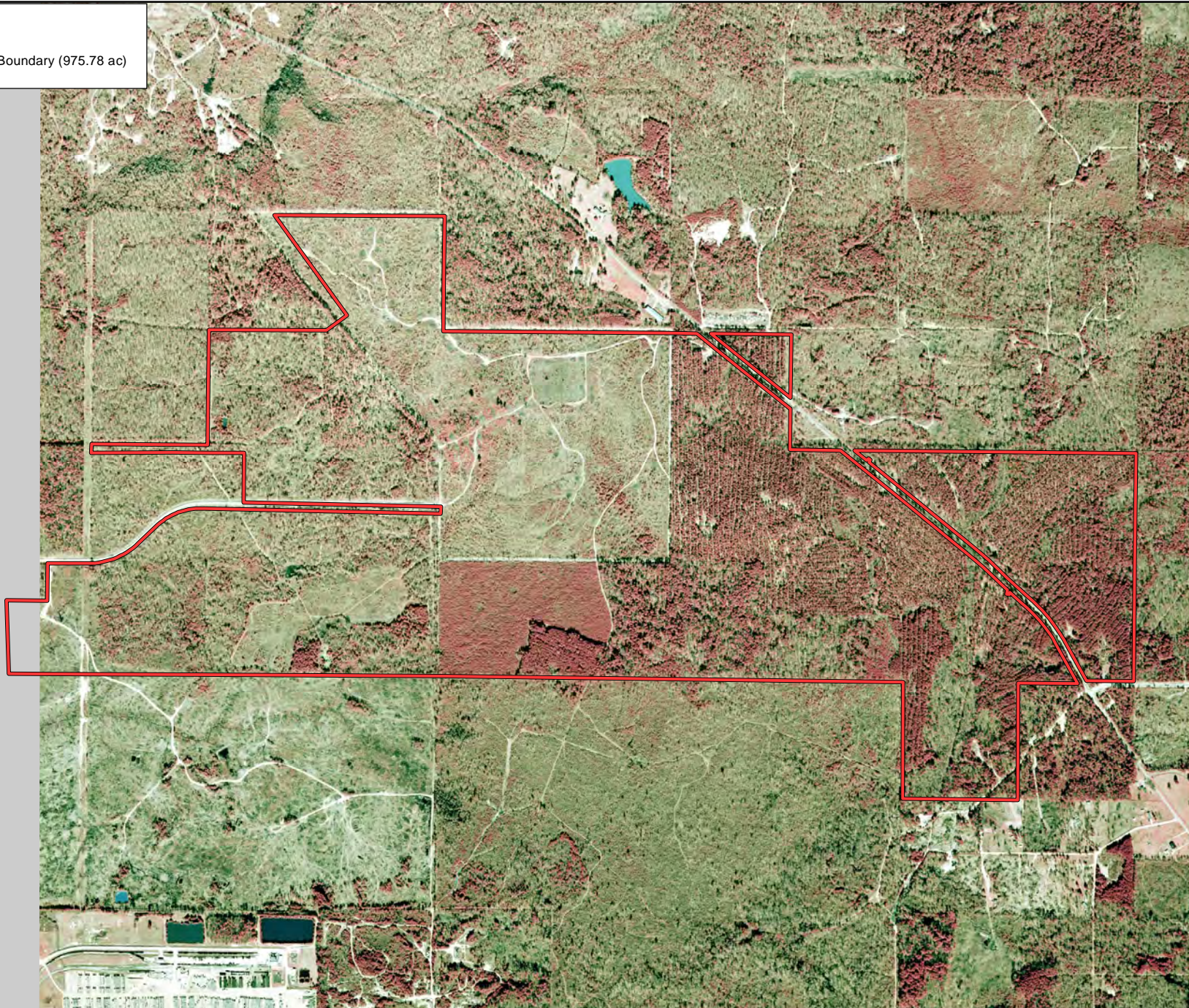
**Historical Aerial Photo: Year 1989**



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USGS/DOQQ 1989 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

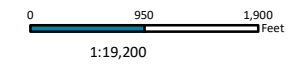


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**


Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

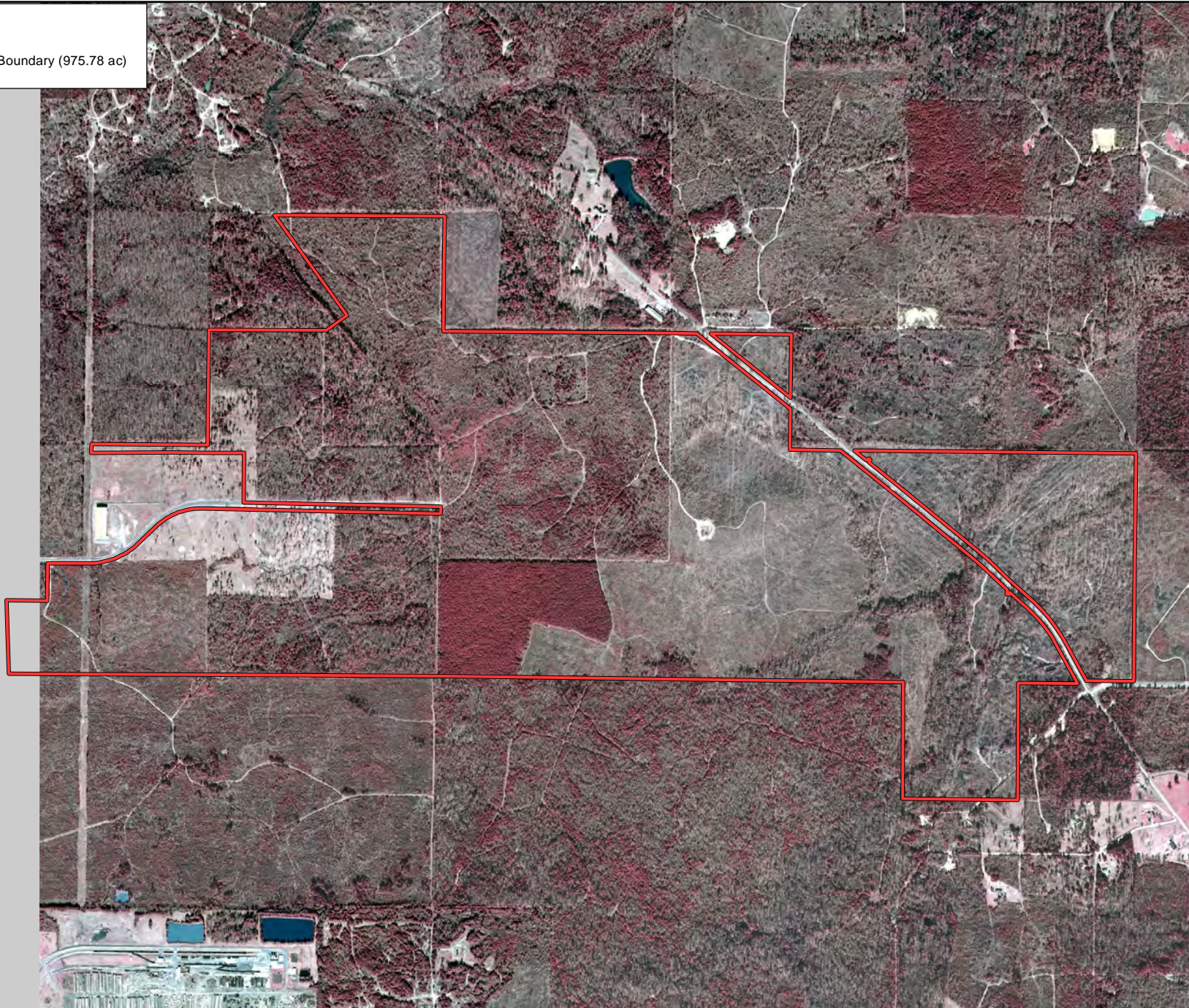
**Historical Aerial Photo: Year 1998**



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet  
USGS/DOQQ 1998 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)



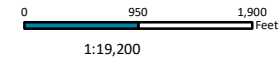
Date Created: 9/29/2021

Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**Historical Aerial Photo: Year 2004**




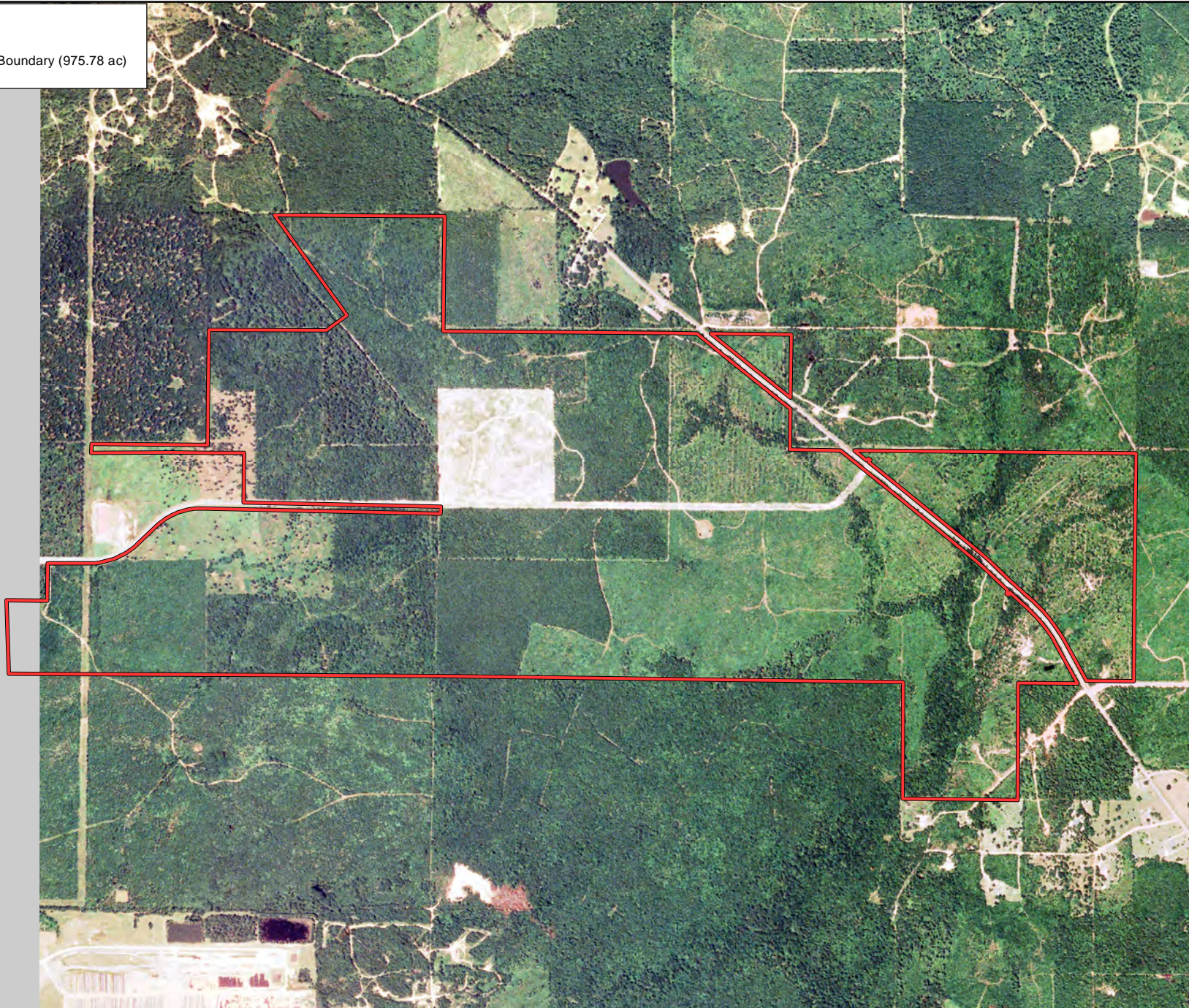
NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS/DOQQ 2004 Imagery



**Legend**

 Ward II Property Boundary (975.78 ac)



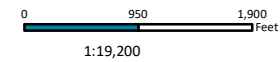
Date Created: 9/29/2021

Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana


**Historical Aerial Photo: Year 2007**

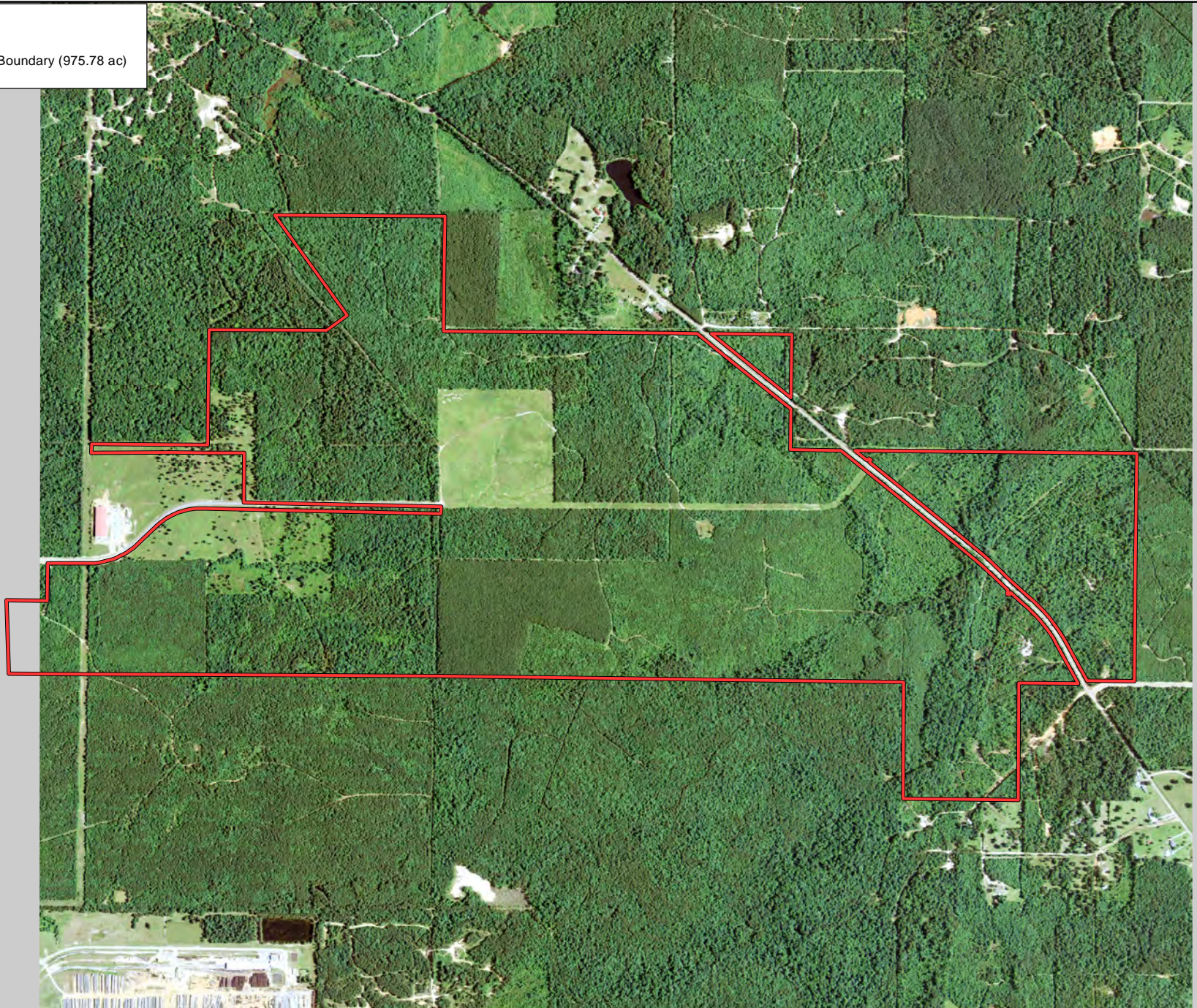


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS/NAIP 2007 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

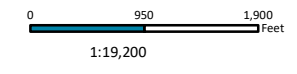


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana


**Historical Aerial Photo: Year 2010**

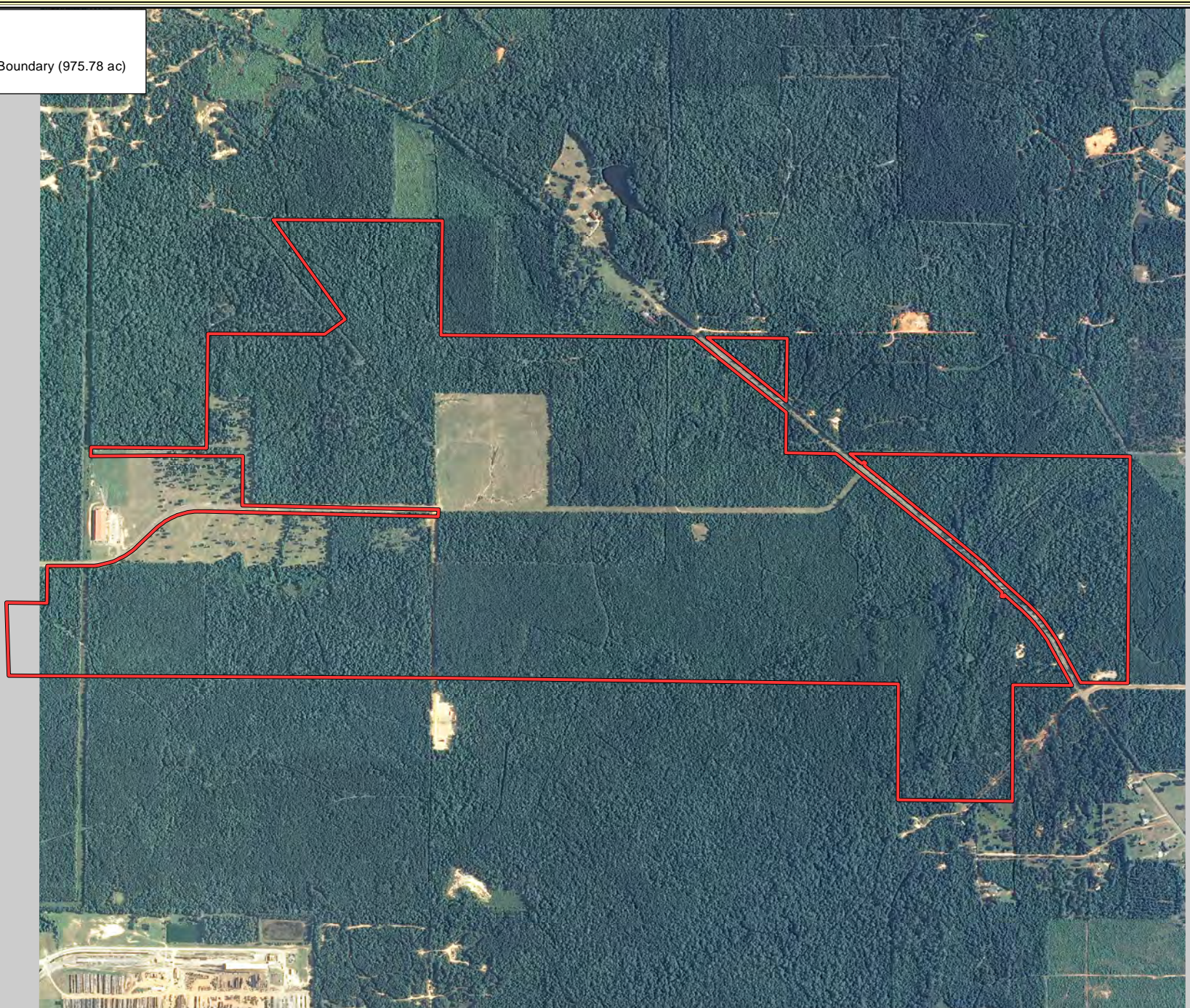


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS/NAIP 2010 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

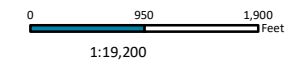


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**Historical Aerial Photo: Year 2013**

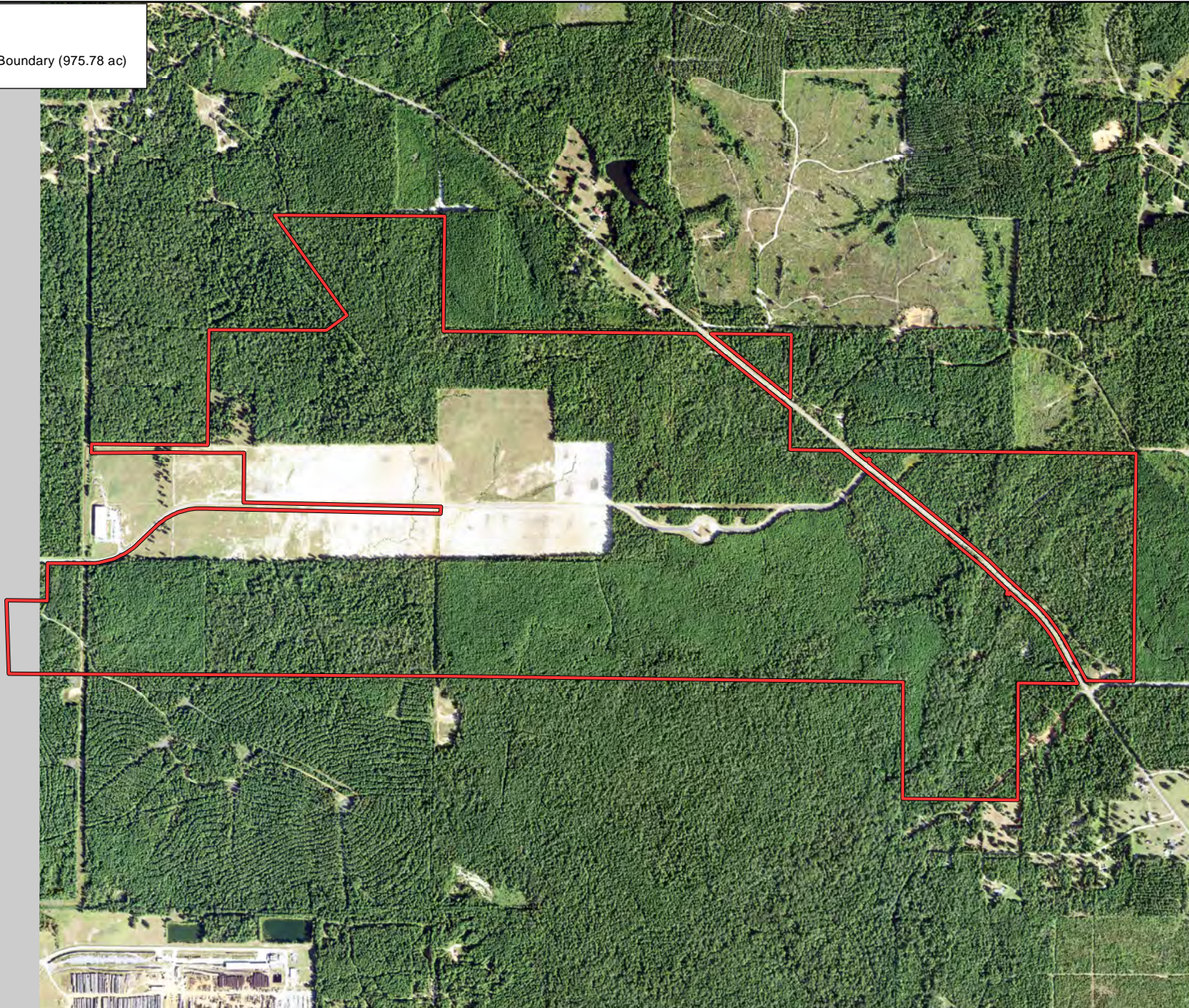


NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS/NAIP 2013 Imagery

**Legend**

 Ward II Property Boundary (975.78 ac)

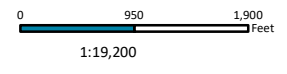


Date Created: 9/29/2021 Created by: PGH

**North Louisiana Economic Partnership Ward II Industrial Park**

Sects 5,6 & 8, T 21 N, R 15 W and Sect 1, T 21 N, R 16 W  
Caddo Parish, Louisiana

**Historical Aerial Photo: Year 2017**



NAD 1983 StatePlane Louisiana North FIPS 1702 Feet

USGS/NAIP 2017 Imagery

~~CONF~~

01074102

STATE OF LOUISIANA TEXACO INC.  
TO CADDO PARISH COMMISSION  
PARISH OF CADDO

*Handwritten signature*  
60113215  
REC'D  
CADDOPARISH  
LA  
JAN 21 1954

CASH SALE

01074102

BE IT KNOWN BY THESE PRESENTS: That Texaco corporation domiciled in the State of Delaware, authorized to do and doing business in the State of Louisiana, herein represented by its undersigned Vice President, duly authorized by resolution of its Board of Directors, a certified copy of which is annexed hereto and is made a part hereof, and whose mailing address P. O. Box 52332, Houston, Texas 77052 (hereinafter referred to as "Vendor"), does by these presents grant, bargain, sell, convey, transfer, assign, set over, abandon, and deliver, with warranty of title limited to claims of persons claiming by, through, or under Vendor and not otherwise, but with full substitution and subrogation in and to all rights and actions of warranty which the said Vendor has or may have against all preceding owners and vendors, except as set forth herein, unto Caddo Parish Commission of the Parish of Caddo, State of Louisiana, and whose mailing address is Caddo Parish Courthouse, Shreveport, LA 71101 (hereinafter referred to individually and collectively as "Purchaser"), said Purchaser here present, accepting and purchasing for themselves, their successors, heirs and assigns, and acknowledging due delivery and possession thereof, all and singular, the following described land located in Caddo Parish, Louisiana:

The S/2 of the NW/4 and N/2 of the SW/4 of Section 6, (21-15), containing 160 acres more or less and all that part of the N/2 of the NE/4 and SE/4 of the NE/4 of Section 1, (21-16), south and west of State Road 170 containing 69 acres, more or less; said property being in Caddo Parish, Louisiana and containing a total of 229 acres, more or less.

LESS AND EXCEPT: Vendor expressly saves, retains, reserves and excepts from this conveyance, and reserves unto itself and its successors and assigns, all oil, gas and other minerals (including, but not limited to, helium, lignite, sulphur and other solid, liquid and gaseous substances), regardless of the nature thereof and whether similar or dissimilar, and all mineral and royalty rights whatsoever in, on and under the hereinabove described lands, as well as the right to grant any and all oil, gas and mineral leases, including, but not by way of limitation, the free right of ingress and egress upon, over and across said lands, and the right to explore for, mine, drill, lay pipe lines, roadways and produce, extract, treat, store and dispose of said minerals and Vendor shall have all the other privileges usually and customarily included in oil, gas and mineral leases. Vendor is to receive all bonuses, rentals and royalties payable under any such lease or leases, or otherwise; and

TO HAVE AND TO HOLD the above described land (less and except oil, gas and other minerals located in, on and under said lands), together with all facilities, appurtenances, tenements and hereditaments thereunto belonging or in any wise appertaining, and not otherwise excepted and excluded from this conveyance, unto the said Purchaser, Purchaser's successors and assigns, forever, pursuant to and subject to all of the terms and conditions set forth in this Cash Sale.

This sale is made and accepted for and in consideration of the price and sum of One Hundred Fifteen Thousand and No/100 Dollars (\$115,000.00), cash, which the said Purchaser has well and truly paid, in ready and current money, to the said Vendor, who hereby acknowledges the receipt thereof and grants full acquittance and discharge therefor.

This sale, assignment, conveyance and transfer of land and properties hereunder is made and accepted subject to the following stipulations, conditions, encumbrances and reservations:

- (1) All restrictions, servitudes, easements, rights-of-way, leases, agreements of every nature and kind of record, governmental laws, ordinances, restrictive covenants affecting the use of and/or encumbering the land and properties and other matters (including, not by way of limitation, encroachments and protrusions) that would be revealed by a current on the ground survey and inspection of the property or otherwise.
- (2) Any lien for ad valorem taxes for the current year, and any liens for special assessments which are not yet due and payable.

It is expressly understood that Vendor makes no representations or warranties, express or implied, with respect to the condition of the above described land, or present condition or state of repair or merchantability of any abandoned equipment, appurtenances, facilities, buildings, structures, improvements and other abandoned properties situated thereon and conveyed hereby, nor their suitability for Purchaser's intended use or for any use whatsoever. It is further understood that Vendor makes no representations or warranties, express or implied, that said above described land and abandoned properties or other tenements not otherwise excluded from this conveyance have been rendered free from any defects or hazards or as to the suitability of said land, abandoned properties, and other tenements for use as storage for volatile petroleum products or other types of liquids or gases, or for any particular use.

Without limiting the generality of the foregoing, but in furtherance of same, Purchaser acknowledges that said land and abandoned properties have been or may have been used in connection with oil, gas and other mineral exploration, development and operations, and, as such, equipment, appurtenances, processing and other facilities, plants, buildings, structures, improvements, abandoned and other tanks and piping (including above ground and underground tanks and piping), storage facilities, gathering and distribution lines, wells and other petroleum production facilities and appurtenances which have not been excepted and excluded from this conveyance may be located thereon, all of which are herein sometimes referred to individually and collectively as "abandoned properties". Purchaser further acknowledges that it has carefully inspected the above described land and abandoned properties being purchased by it and certifies that Purchaser is familiar with the present condition and state of repair of said above described land, abandoned properties and Producing/Operating Properties. Purchaser further certifies that said above described land and abandoned properties being purchased by it hereunder, SHALL BE ACCEPTED, AS IS, IN THEIR PRESENT CONDITION AND STATE OF REPAIR, WITHOUT ANY GUARANTIES OR WARRANTIES, EXPRESS OR IMPLIED, AS TO THEIR QUALITY, MERCHANTABILITY OR THEIR FITNESS FOR PURCHASER'S INTENDED USE OR FOR ANY USE WHATSOEVER and that the said above described land and abandoned properties shall be accepted with no representations or warranties, express or implied, that said above described land and abandoned properties have been rendered free from any dangerous condition or as to the suitability of said above described land and abandoned properties

for use as storage for volatile petroleum products or other types of liquid or gaseous substances, or for any other purposes, whether similar or dissimilar.

Purchaser further agrees, as part of the consideration for the conveyance of the above described land and abandoned properties, to assume all risks involved in connection with the condition thereof, and, to fully defend, protect, indemnify, hold harmless, and render whole Vendor, its affiliates, subsidiaries or designees, from and against each and every claim, demand or cause of action, and any liability, cost, expense (including, but not limited to, reasonable attorneys' fees), damage or loss in connection therewith, which may be made or asserted by Purchaser, its agents, or successors, or by any third party or parties (including, but not limited to, governmental agencies) on account of personal injury or death, or property or environmental damage, caused by, arising out of, or incidental to, or growing out of or on account of the present or future condition or state of repair of said above described land and/or abandoned properties, or the ownership, operation, condition or any use made thereof, or in connection with this conveyance, or performance of the terms, conditions and reservations imposed hereunder, whether such injury or death to persons, or damage to or destruction of property, or environmental damage was caused by Purchaser's sole negligence or contributory negligence, or Vendor's sole negligence or contributory negligence, and whether liability for such personal injury or death, or property damage, with or without fault, is imposed on Vendor or others under any theory of strict liability by operation of law, or any other theory of law, and whether or not the event giving rise to such claim, demand or cause of action occurred prior to, at the time of, or after the date of this conveyance.

It is further understood and agreed by the parties hereto that the covenants set forth in this conveyance shall be covenants running with the land, and shall be binding upon the Purchaser and Purchaser's executors, administrators, legal representatives, heirs, successors and assigns.

It is further understood and agreed that there is hereby expressly saved, retained, excepted, excluded, and reserved by Vendor, for itself, its successors and assigns, all lying and standing timber and timber rights of every kind and character located in, under or upon, or pertaining to the hereinabove described land, with the right to enter in and upon the same for the purpose of growing, extracting, cutting, and removing said timber or otherwise exercising said timber rights, together with all ancillary rights associated therewith, including, not by way of limitation, all rights necessary and incident to the growing, preservation, cutting, removal, and marketing of any timber in, on or under said land, with the right to lay, construct or install water, power or other utility lines, and construct roadways or other facilities and improvements for such purposes.

The foregoing reservation of lying and standing timber and timber rights and servitude for such purposes shall be for a period of five year (5) from the date of purchase. In the event Purchaser has a sale or wishes to develop a designated portion of the property prior to this five year (5) period for purposes which prohibit Vendor's exercise of said timber rights or interest in timber, Purchaser shall notify Vendor in writing of its intended uses of said surface of the land allowing at least one hundred eighty (180) days for Vendor to remove all timber from the designated area, or, Purchaser may, if said one hundred eighty (180) days are not acceptable to Vendor or of sufficient time for Vendor's purposes, pay Vendor the value of the lying and standing timber located in the designated area at a price to be determined and fixed by a qualified forester; provided, however, that said price shall not be less than Ten Dollars (\$10.00) per cord for pulpwood and One Hundred Twenty Dollars (\$120.00) per thousand

board feet for saw log timber. Further, Vendor shall leave at least three trees of 12" diameter on each acre of land covered by this conveyance. This clause and aforementioned timber reservation shall survive the closing and be a covenant running with the land.

All notices concerning the aforementioned timber reservation and timber rights shall be given to Vendor at P. O. Box 60252, New Orleans, LA 70160.

All state and city taxes up to and including the taxes due and exigible in 1984 are paid. Ad valorem taxes for 1985 will be prorated between Purchaser and Vendor.

The production of mortgage, conveyance and other certificates is waived and dispensed with by the parties.

By their execution hereof, Purchaser expressly agrees to all of the terms, conditions and provisions set out above.

IN WITNESS WHEREOF, this Cash Sale is executed in triplicate originals, after a reading of the whole, on the dates indicated below and in the presence of the undersigned competent witnesses, but effective as of the 6th day of January, 1987.

WITNESSES

[Signature]  
[Signature]

TEXACO INC.

By [Signature]  
R. P. DENISON Vice President

Dated: 12-26-85

ATTEST:

By: [Signature]  
Assistant Secretary

Dated: \_\_\_\_\_

CADDO PARISH COMMISSION

BY: [Signature]  
FRANCIS P. BICKHAM

Dated: \_\_\_\_\_



STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, a Notary Public, duly commissioned and qualified in and for said County and State, on this 27<sup>th</sup> day of December, 1985, personally came and appeared R. S. Dickinson, to me known, who declared and acknowledged to me, Notary, and the undersigned competent witnesses that he is a Vice President of Texaco Inc., that as such duly authorized officer, by and with the authority of the Board of Directors of said Corporation he signed and executed the foregoing instrument, as the free and voluntary act and deed of said corporation, for and on behalf of said corporation and for the objects and purposes therein set forth.

WITNESS my hand and official seal the day and year last above written.

WITNESSES:

Betty Marshall  
Joe Buchanan

[Signature]  
Carman B. Gregory  
NOTARY PUBLIC

My Commission Expires: 5-18-87

STATE OF LOUISIANA

PARISH OF CADDO

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 1985, before me, the undersigned authority, duly commissioned, qualified and sworn within and for the State and Parish aforesaid, personally came and appeared Francis P. Bickham, Administrator of the Caddo Parish Commission, to me known to be the identical person who executed the above and foregoing instrument, who declared and acknowledged to me, Notary, in the presence of the undersigned competent witnesses, that he is duly authorized by Ordinance No. 2253 of 1985, to execute this document on behalf of Caddo Parish and that he executed the above and foregoing instrument as the free and voluntary act and deed of Caddo Parish, for and on behalf of Caddo Parish, and for the objects and purposes therein set forth.

WITNESSES:

Roy W. Hopkins  
James W. Williamson

\_\_\_\_\_  
\_\_\_\_\_  
NOTARY PUBLIC

RESOLUTION ADOPTED BY THE BOARD OF DIRECTORS OF  
TEXACO INC.  
SEPTEMBER 23, 1983

RESOLVED, subject to the approval of the Chairman of the Board, that the Vice Chairman of the Board, the President, all of the Executive Vice Presidents, Senior Vice Presidents, Vice Presidents, Division Presidents and Department Heads of the Company, and the General Manager, Corporate Real Estate Department are hereby severally authorized from time to time to approve the terms and conditions of the sale, exchange, donation, or other transfer of any real property or other fixed (capital) assets of the Company having a sale value not in excess of \$5,000,000.00, and the Vice Chairman of the Board, the President, all of the Executive Vice Presidents, Senior Vice Presidents, Vice Presidents, Division Presidents and Department Heads of the Company, and the General Manager, Corporate Real Estate Department are hereby severally authorized to sign, and the Secretary and the Assistant Secretaries are hereby severally authorized to attest and affix the Company's seal to, such deeds, bills of sale, and other instruments, and to do such other acts, as may be necessary or proper to carry out the purpose of this resolution; and the delivery of any such deed, bill of sale, or other instrument so signed, attested and sealed shall be conclusive evidence that the transaction has the approval of the Chairman of the Board of the Company and has been executed within the authority of this resolution.

A true copy, I certify.

  
PAULINE S. COWART  
Assistant Secretary

C 3264

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FILED & RECORDED  
CADDOPARISH, LA

JUL 29 1 00 PM '98

*[Handwritten Signature]*  
NOTARY PUBLIC

STATE OF LOUISIANA:

CASH SALE DEED

PARISH OF CADDO:

BE IT KNOWN, that this day, before me, the undersigned authority, a Notary Public, duly commissioned and qualified in and for the aforesaid state and parish, personally came and appeared:

LAKEWAY DEVELOPMENT, INC. (TIN 72-1072698), a Louisiana Corporation, domiciled in Ouachita Parish, Louisiana, with a mailing address of 3601 Cuba Blvd., P. O. Box 4108, Monroe, Louisiana 71211; herein represented by ROBERT J. MCCORMICK, its President, duly authorized to act on its behalf, pursuant to a resolution of the Board of Directors of LAKEWAY DEVELOPMENT, INC., a certified copy of said resolution is attached hereto and made a part hereof; herein selling it's one-half (1/2) interest in and to said property;

LOUISIANA LAND & MINERALS, INC. (TIN 72-1185659), a Louisiana Corporation, domiciled in Ouachita Parish, Louisiana, with a mailing address of 2105 Justice Street, Suite C, P. O. Box 7137, Monroe, Louisiana 71211; herein represented by JAMES C. STEELE, III, its President, duly authorized to act on its behalf, pursuant to a resolution of the Board of Directors of LOUISIANA LAND & MINERALS, INC., a certified copy of said resolution is attached hereto and made a part hereof; herein selling it's one-fourth (1/4) interest in and to said property;

ROBERT J. MCCORMICK (SS# 434-13-2797) and MONYA ROCHELLE HUMBLE MCCORMICK (SS# 435-06-2320), husband and wife, residents of Ouachita Parish, Louisiana, with a mailing address of P. O Box 4108, Monroe, Louisiana 71211-4108; herein selling their one-fourth (1/4) interest in and to said property;

sometimes herein referred to as "Seller";

who declared that they do by these presents, GRANT, BARGAIN, SELL, CONVEY and DELIVER, with full guarantee of title, and with complete transfer and subrogation of all rights and actions against all former proprietors of the property herein conveyed unto:

CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION (TIN 72-1302659), a non-profit Corporation organized under the Laws of the State of Louisiana, domiciled in Caddo Parish, Louisiana, with a mailing address of 120 West Arkansas. Vivian, Louisiana 71082; herein represented by JAMES M. FRANCIS, its President, duly authorized to act on its behalf, pursuant to a resolution of the Board of Directors of CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION, a certified copy of said resolution is attached hereto and made a part hereof;

the following described property, to-wit:

The Southeast Quarter and the Southwest Quarter of the Northeast Quarter and Northeast Quarter of Southwest Quarter in Section 1, Township 21 North, Range 16 West, Caddo Parish, Louisiana, less right-of-way, together with all buildings and improvements thereon, containing 233.842 acres, more or less, a copy of the plat, describing the said property, prepared by Reginald D. Lewis, a registered professional land surveyor, is attached hereto and made a part hereof as Exhibit "A". (Geo 211601-000-0020)

Vendors reserve unto themselves all of the oil, gas and other minerals in, under and that may be produced from the property conveyed herein. In regards to any and all oil and mineral leases which are in effect and which are owned by vendor, vendor hereby agrees and acknowledges that it will not allow any wells to be drilled on the property being conveyed herein.

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This sale is made subject to all recorded rights-of-way, easements, servitudes, existing oil, gas, and mineral leases and reservations and timber leases.

TO HAVE AND TO HOLD said described property unto said purchaser, their heirs and assigns forever.

This sale is made for the consideration of the sum of TWO HUNDRED THIRTY TWO THOUSAND FOUR HUNDRED EIGHTY AND NO/100'S (\$232,480.00) DOLLARS, cash in hand paid, the receipt of which is hereby acknowledged.

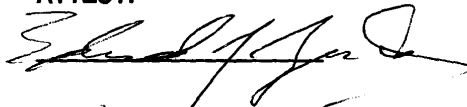
The certificate of mortgage is hereby waived by the parties, and evidence of the payment of taxes waived.

The vendees take cognizance of all past due and/or current year's taxes and agree to pay the same.


Taxes are to be prorated to date of sale.


DONE AND PASSED in said Ouachita Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 21<sup>st</sup> day of JULY, 1998.

ATTEST:

  
Kym Moomau

LAKEWAY DEVELOPMENT, INC.

  
BY: ROBERT J. MCCORMICK, President

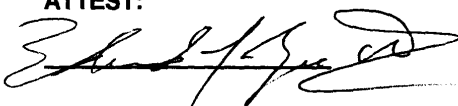
  
NOTARY PUBLIC  
In and for Ouachita Parish, Louisiana  
My Commission Expires: IS FOR LIFE

STATE OF LOUISIANA:

PARISH OF OUACHITA:

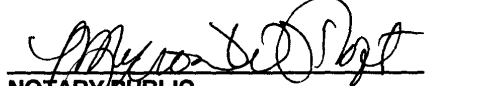
DONE AND PASSED in said Ouachita Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 21<sup>st</sup> day of JULY, 1998.

ATTEST:

  
Kym Moomau

LOUISIANA LAND & MINERALS, INC.

  
BY: JAMES C. STEELE, III, President

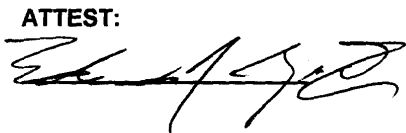
  
NOTARY PUBLIC  
In and for Ouachita Parish, Louisiana  
My Commission Expires: IS FOR LIFE

STATE OF LOUISIANA:

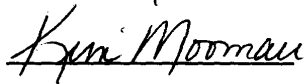
PARISH OF OUACHITA:

DONE AND PASSED in said Ouachita Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 21<sup>st</sup> day of JULY, 1998.


ATTEST:



  
ROBERT J. MCCORMICK



  
MONYA ROCHELLE HUMBLE MCCORMICK

  
NOTARY PUBLIC  
In and for Ouachita Parish, Louisiana  
My Commission Expires: 15 FOR LIFE

STATE OF LOUISIANA:

PARISH OF CADDO:

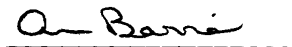
DONE AND PASSED in said Caddo Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 28 day of July, 1998.

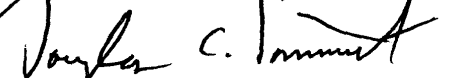
ATTEST:



CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION

  
BY: JAMES M. FRANCIS, President



  
NOTARY PUBLIC  
In and for Caddo Parish, Louisiana  
My Commission Expires: 107 Death

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**RESOLUTION OF THE BOARD OF DIRECTORS OF  
LOUISIANA LAND & MINERALS, INC.**

BE IT RESOLVED that the President of this corporation, JAMES C. STEELE, III, is hereby authorized and empowered for and on behalf of, and in the name of this corporation, to sell to **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, its one-fourth (1/4) interest in and to the following described property:

The Southeast Quarter and the Southwest Quarter of the Northeast Quarter and Northeast Quarter of Southwest Quarter in Section 1, Township 21 North, Range 16 West, Caddo Parish, Louisiana, less right-of-way, together with all buildings and improvements thereon, containing 233.842 acres, more or less, a copy of the plat, describing the said property, prepared by Reginald D. Lewis, a registered professional land surveyor, is attached hereto and made a part hereof as Exhibit "A". (Geo 211601-000-0020)

for a total sales price of **FIFTY EIGHT THOUSAND ONE HUNDRED TWENTY AND 00/100'S (\$58,120.00) DOLLARS**, to be paid in cash.

BE IT FURTHER RESOLVED that said officer is further authorized to sign all papers, documents and acts necessary in order to convey the hereinabove described property, containing such terms as he in his sole judgment deems advisable, to receive and receipt for the proceeds thereof and to do any and all things as shall, in his sole discretion and judgment, be appropriate and desirable to accomplish the foregoing, containing such terms as he in his sole judgment deems advisable to accomplish the foregoing.


-----

I certify that I am the duly acting and qualified Secretary of **LOUISIANA LAND & MINERALS, INC.** and that:

(a) **LOUISIANA LAND & MINERALS, INC.** is duly organized and existing under the laws of the State of Louisiana; that all franchise and other taxes required to maintain its corporate existence have been paid when due and that no such taxes are delinquent; that no proceedings are pending for forfeiture of its Charter or for its dissolution, voluntarily or involuntarily; that it is duly qualified to do business in the State of Louisiana and is in good standing with such State; that there is no provision in the Articles of Incorporation or Bylaws of said corporation limiting the power of the Board of Directors to pass the resolutions set out above and that the same are in conformity with the provisions of said Articles of Incorporation and Bylaws; and

(b) the above and foregoing constitutes a true and correct copy of resolutions duly adopted at a meeting of the Board of Directors of said corporation held on July 14, 1998, at which meeting a quorum was present and voted in favor of said resolutions, and said resolutions have never been modified or rescinded and are still in full force and effect.

Date: 7-21-98

  
**MYRON W. TOFT**  
Secretary

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**RESOLUTION OF THE BOARD OF DIRECTORS OF  
LAKEWAY DEVELOPMENT, INC.**

BE IT RESOLVED that the President of this corporation, ROBERT J. MCCORMICK, is hereby authorized and empowered for and on behalf of, and in the name of this corporation, to sell to **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, its one-half (1/2) interest in and to the following described property:

The Southeast Quarter and the Southwest Quarter of the Northeast Quarter and Northeast Quarter of Southwest Quarter in Section 1, Township 21 North, Range 16 West, Caddo Parish, Louisiana, less right-of-way, together with all buildings and improvements thereon, containing 233.842 acres, more or less, a copy of the plat, describing the said property, prepared by Reginald D. Lewis, a registered professional land surveyor, is attached hereto and made a part hereof as Exhibit "A". (Geo 211601-000-0020)

for a total sales price of **ONE HUNDRED SIXTEEN THOUSAND TWO HUNDRED FORTY AND 00/100'S (\$116,240.00) DOLLARS**, to be paid in cash.

BE IT FURTHER RESOLVED that said officer is further authorized to sign all papers, documents and acts necessary in order to convey the hereinabove described property, containing such terms as he in his sole judgment deems advisable, to receive and receipt for the proceeds thereof and to do any and all things as shall, in his sole discretion and judgment, be appropriate and desirable to accomplish the foregoing, containing such terms as he in his sole judgment deems advisable to accomplish the foregoing.

-----

I certify that I am the duly acting and qualified Secretary of **LAKEWAY DEVELOPMENT, INC.** and that:

(a) **LAKEWAY DEVELOPMENT, INC.** is duly organized and existing under the laws of the State of Louisiana; that all franchise and other taxes required to maintain its corporate existence have been paid when due and that no such taxes are delinquent; that no proceedings are pending for forfeiture of its Charter or for its dissolution, voluntarily or involuntarily; that it is duly qualified to do business in the State of Louisiana and is in good standing with such State; that there is no provision in the Articles of Incorporation or Bylaws of said corporation limiting the power of the Officers to pass the resolutions set out above and that the same are in conformity with the provisions of said Articles of Incorporation and Bylaws; and

(b) the above and foregoing constitutes a true and correct copy of resolutions duly adopted at a meeting of the Board of Directors of said corporation held on July 20, 1998, at which meeting a quorum was present and voted in favor of said resolutions, and said resolutions have never been modified or rescinded and are still in full force and effect.

Date: July 20 - 1998

  
**MONYA HUMBLE MCCORMICK**  
Secretary

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**RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

On a motion duly made by **RONNIE ALLEN** and seconded by **JAMES T. SIMS** the following resolution was unanimously adopted at a regular meeting of the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, held at the 120 West Arkansas at Citizens Bank & Trust Company, Vivian, Louisiana, on May 7, 1998, pursuant to due notice according to the law and open to the public, at which meeting the majority of the members of the Board of Directors were present:

"WHEREAS, an offer has been made to sell the following described property, to wit:

The Southeast Quarter and the Southwest Quarter of the Northeast Quarter and Northeast Quarter of Southwest Quarter in Section 1, Township 21 North, Range 16 West, Caddo Parish, Louisiana, less right-of-way, together with all buildings and improvements thereon, containing 233.842 acres, more or less, a copy of the plat, describing the said property, prepared by Reginald D. Lewis, a registered professional land surveyor, is attached hereto and made a part hereof as Exhibit "A". (Geo 211601-000-0020)

to the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

"WHEREAS, the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** has determined that the purchase of the above described property is an intricate and necessary step in furtherance of the purposes of the Corporation as defined by the Articles of Incorporation of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**; and,

"NOW, THEREFORE, BE IT RESOLVED, That **JAMES M. FRANCIS**, President, be and he is hereby authorized for and on behalf of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, to purchase, the following property to wit:

The Southeast Quarter and the Southwest Quarter of the Northeast Quarter and Northeast Quarter of Southwest Quarter in Section 1, Township 21 North, Range 16 West, Caddo Parish, Louisiana, less right-of-way, together with all buildings and improvements thereon, containing 233.842 acres, more or less, a copy of the plat, describing the said property, prepared by Reginald D. Lewis, a registered professional land surveyor, is attached hereto and made a part hereof as Exhibit "A". (Geo 211601-000-0020)

"BE IT FURTHER RESOLVED, That the sale of the above described property is to be purchased for a price of **TWO HUNDRED THIRTY TWO THOUSAND FOUR HUNDRED EIGHTY AND NO/100'S (\$232,480.00) DOLLARS**;

"BE IT FURTHER RESOLVED, That **JAMES M. FRANCIS**, President, is hereby authorized on behalf of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** to sign and execute all deeds, and any other legal papers and documents necessary to consummate such purchase of said property of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** as deemed by said President at his discretion as advisable, necessary and in the best interest of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**"



The following vote was received by, JERRY N. GUIN, RONALD E. HALL, RONNIE R. ALLEN, and JAMES T. SIMS.

AYES: 4

NAYS: 0

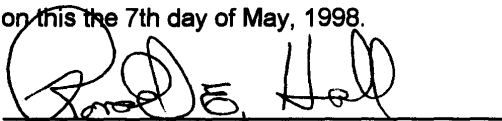
ABSENT: 1

### C E R T I F I C A T E

I, the undersigned, being the duly elected and acting Secretary of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** hereby certify that the above and foregoing is a true and complete copy of the resolution duly and unanimously adopted by the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** on May 7, 1998.

I further certify, that according to the minute book of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** which is in my possession the foregoing resolution has not been revoked, rescinded, or amended, directly or by inference to this date.

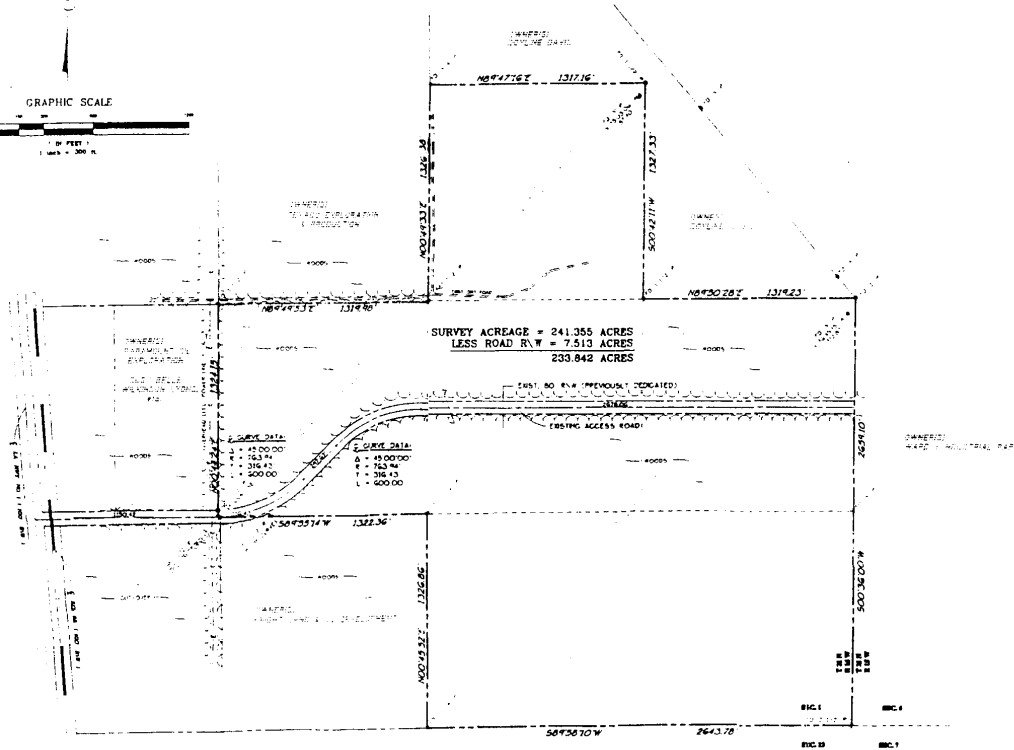
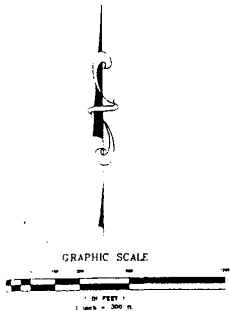
Vivian, Caddo Parish, Louisiana, on this the 7th day of May, 1998.



**RONALD E. HALL**  
**SECRETARY, CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

# MAP OF SURVEY

SHOWING A 233.842 ACRE TRACT LOCATED  
IN SECTION 1 - TWP. 21 NORTH - RNG. 16 WEST  
CADDO PARISH LA.



### LEGAL DESCRIPTION:

A tract of land being the Southeast Quarter (SE 1/4) and the Northeast Quarter of the Southeast Quarter (NE 1/4 of the SE 1/4) and the Southwest Quarter of the Northeast Quarter (SW 1/4 of the NE 1/4) of Section 1, Township 21 North Range 16 West and except a previously dedicated 80 ft. wide road right-of-way described in our Book 3074 Page 637 Conveyance Records of Caddo Parish LA. Said tract herein described contains 233.842 acres.

# 1614656

### GENERAL SURVEY NOTES:

1. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT CLAIMED AS PART OF THE SURVEY. NO STATEMENT IS MADE CONCERNING CONDITIONS THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS TRACT.
2. SURVEYOR HAS MADE NO INVESTIGATIVE SEARCH FOR ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP, TITLE EVIDENCE OR OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
3. BEARINGS BASED ON RECORD BEARINGS.
4. METAL "T" POSTS SET AS WITNESS POSTS NEAR ALL CORNER MONUMENTS OF THE 233.842 ACRE TRACT.

11081



- ### REFERENCE DOCUMENTS:
1. ARKANSAS LOUISIANA GAS CO. MAP DATED AUGUST 1978 LESTER C. DRACH PLS
  2. ATONLEY & ATONLEY MAP DATED DECEMBER 16 1985 BEN D. ATONLEY JR. PLS
  3. ALLIANCE INC ROAD DESIGN PLANS DATED JULY 1985
  4. ACCESS ROAD DEDICATION MAP CONVEYANCE BOOK 3074 PAGE 637 RECORDS OF CADDO PARISH LA.

I HEREBY STATE THAT THIS SURVEY WAS PREPARED UNDER MY SUPERVISION IN ACCORDANCE WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" FOR A CLASS C SURVEY.

*Richard D. Lewis* JUNE 1, 1988  
RICHARD D. LEWIS  
REG. PROFESSIONAL LAND SURVEYOR  
LA. LIC. NO. 4838

**Alliance, Inc.**  
Architecture • Engineering • Planning  
Airport Consulting • Surveying  
Petroleum Square, Suite 100 1321 North Hearne Avenue  
Shreveport, LA 71107 Ph (318) 221-7501 FAX (318) 221-7656

*W. Cortez*  
DPY CLERK & RECORDER

FILED & RECORDED  
CADDO PARISH  
SHREVEPORT, LA  
GARY LOFTIN CLERK

**C 3579**

1838740

2003 JAN 23 A 10:44

STATE OF LOUISIANA:

**CASH SALE DEED**

PARISH OF CADDO:

**BE IT KNOWN**, that this day, before me, the undersigned authority, a Notary Public, duly commissioned and qualified in and for the aforesaid state and parish, personally came and appeared:

**BARROW HEATH COTTON VALLEY TIMBER, LTD**, a Texas limited liability partnership, duly authorized to do business in the State of Louisiana, with an office as Post Office Box 4469, Longview, Texas 75606, represented herein by its General Partner, Barrow Heath, Inc., a Texas corporation, the General Partner being represented herein by Jim N. Heath, it's President, duly authorized to so act;

sometimes herein referred to as "Seller";

who declared that they do by these presents, **GRANT, BARGAIN, SELL, CONVEY and DELIVER**, without full guarantee of title, but with complete transfer and subrogation of all rights and actions against all former proprietors of the property herein conveyed unto:

**CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION (TIN 72-1302659)**, a non-profit Corporation organized under the Laws of the State of Louisiana, domiciled in Caddo Parish, Louisiana, with a mailing address of 120 West Arkansas. Vivian, Louisiana 71082; herein represented by **JAMES M. FRANCIS**, its President, duly authorized to act on its behalf, pursuant to a resolution of the Board of Directors of **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, a certified copy of said resolution is attached hereto and made a part hereof;

the following described property, to-wit:

**TRACT 1:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:

From a 2 inch iron pipe at the Northwest corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, being the Point of Beginning of the tract herein described;

Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 228.66 feet to a ½ inch iron pipe on the Westerly Right of Way line of Louisiana Highway No. 170 (Vivian-Gilliam Hwy):

Thence South 51°26'07" East along said Westerly Right of Way line, a distance of 1,356.73 feet to a ½ inch iron pipe on the East line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 484.00 feet to a 2 inch iron pipe on the South Line of the South west Quarter of the Northeast Quarter of said Section 6;

Thence South 89°56'58" West along the South line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 1,290.83 feet to a ½ inch iron pipe on the West line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence North along the West line of the southwest Quarter of the Northeast Quarter of aid Section 6, a distance of 1,330.99 feet to the Point of Beginning;

Said tract herein described contains 29.091 acres.

Map Attached

**TRACT 2:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:

From a 2 inch iron pipe as the Northeast corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, Being the Point of Beginning of the tract herein described;

Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 717.35 feet to a ½ inch iron pipe on the Easterly Right of Way line of Louisiana Highway No. 170 (Vivian -Gilliam Hwy):

Thence North 51°26'07" West along said Easterly Right of Way line, a distance of 1,151.07 feet to a ½ inch iron pipe on the North line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 898.06 feet to the Point of Beginning;

Said tract herein described contains 7.395 Acres.

The above referred to property is shown on the survey prepared by Garland D. Herring, a professional land surveyor, on November 5, 2002, said survey being attached hereto and made apart hereof this Cash Sale Deed.

This sale is made subject to all recorded rights-of-way, easements, servitudes, existing oil, gas, and mineral leases and reservations and timber leases.

**TO HAVE AND TO HOLD** said described property unto said purchaser, their heirs and assigns forever.

This sale is made for the consideration of the sum of **TWENTY ONE THOUSAND SIX HUNDRED AND NO/100'S (\$21,600.00) DOLLARS**, cash in hand paid, the receipt of which is hereby acknowledged.

The certificate of mortgage is hereby waived by the parties, and evidence of the payment of taxes waived.

Vendor agrees to pay the current year taxes on the above referred to property. That vendee will pay any and all future taxes that may accrue on said property.

Vendor will provide evidence of payment of said property taxes unto vendee on or before December 31, 2002.

DONE AND PASSED in said Dress County, Texas, in the presence of the undersigned competent witnesses, on this the 16<sup>th</sup> day of December, 2002.

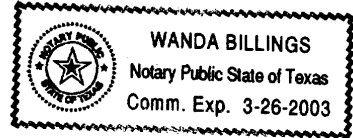
ATTEST: **BARROW HEATH COTTON VALLEY TIMBER, LTD, VENDOR**  
By: **BARROW HEATH, INC. IT'S GENERAL PARTNER**

Annette Stanford

Jim N. Heath  
BY: **JIM N. HEATH, President**

Linda Connor

Wanda Billings  
**NOTARY PUBLIC**



In and for Dress County, Texas  
My Commission Expires: 3/26/03

STATE OF LOUISIANA:

PARISH OF CADDO:

DONE AND PASSED in said Caddo Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 9 day of January, 2002 ~~2003~~

ATTEST: **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

Paul E. Hill

James M. Francis  
BY: **JAMES M. FRANCIS, President**

Gene Shilon

Douglas C. Dominick  
**DOUGLAS C. DOMINICK, NOTARY PUBLIC**  
My Commission Is For Life

**MAP OF SURVEY**  
 SHOWING TWO TRACTS OF LAND OWNED BY  
**BARROW HEATH COTTON VALLEY TIMBER, LTD**  
 BEING THE SOUTHWEST QUARTER (SW/4) OF THE NORTHEAST QUARTER (NE/4) OF  
 OF SECTION 6 - TOWNSHIP 21 NORTH - RANGE 15 WEST, CADDO PARISH, LOUISIANA

OWNER: WILLIAM B. PARKER, III  
 BOOK 2883, PAGE 548

OWNER: WILLIAM B. PARKER, III  
 BOOK 2641, PAGE 598

**POINT OF BEGINNING**  
 29.091 AC. TRACT  
 FOUND 2" IRON PIPE  
 NW COR OF THE SW/4  
 OF THE NE/4, SECTION 6

**POINT OF BEGINNING**  
 7.395 AC. TRACT  
 FOUND 2" IRON PIPE  
 NE COR OF THE SW/4  
 OF THE NE/4, SECTION 6



SCALE: 1"=200'  
 DATE: 11/05/02

OWNER:  
 CADDO PARISH COMMISSION  
 BOOK 2304, PAGE 281

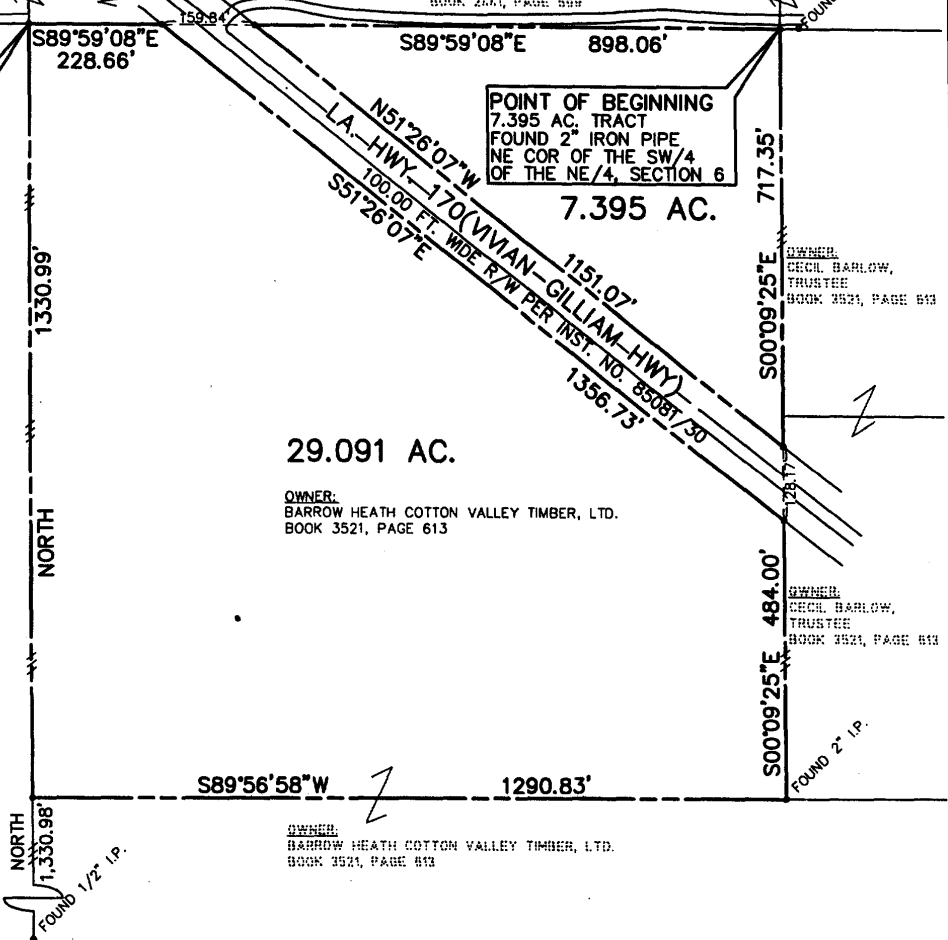
**29.091 AC.**

OWNER:  
 BARROW HEATH COTTON VALLEY TIMBER, LTD.  
 BOOK 3521, PAGE 613

OWNER:  
 CECIL BARLOW,  
 TRUSTEE  
 BOOK 3521, PAGE 613

OWNER:  
 CECIL BARLOW,  
 TRUSTEE  
 BOOK 3521, PAGE 613

**LEGEND:**  
 EXISTING FENCE ————  
 RED PAINTED LINE ————



**LEGAL DESCRIPTION FOR A 29.091 ACRE TRACT:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:  
 From a 2" iron pipe at the Northwest corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, being the Point of Beginning of the tract herein described;  
 Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 228.66 feet to a 1/2" iron pipe on the Westerly Right of Way line of Louisiana Highway No. 170 (Vivian-Gilliam Hwy.);  
 Thence South 51°26'07" East along said Westerly Right of Way line, a distance of 1,356.73 feet to a 1/2" iron pipe on the East line of the Southwest Quarter of the Northeast Quarter of said Section 6;  
 Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 484.00 feet to a 2" iron pipe on the South Line of the Southwest Quarter of the Northeast Quarter of said Section 6;  
 Thence South 89°56'58" West along the South line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 1,290.83 feet to a 1/2" iron pipe on the West line of the Southwest Quarter of the Northeast Quarter of said Section 6;  
 Thence North along the West line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 1,330.99 feet to the Point of Beginning.  
 Said tract herein described contains 29.091 acres.

**LEGAL DESCRIPTION FOR A 7.395 ACRE TRACT:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:  
 From a 2" iron pipe at the Northeast corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, being the Point of Beginning of the tract herein described;  
 Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 717.35 feet to a 1/2" iron pipe on the Easterly Right of Way line of Louisiana Highway No. 170 (Vivian-Gilliam Hwy.);  
 Thence North 51°26'07" West along said Easterly Right of Way line, a distance of 1,151.07 feet to a 1/2" iron pipe on the North line of the Southwest Quarter of the Northeast Quarter of said Section 6;  
 Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 898.06 feet to the Point of Beginning.  
 Said tract herein described contains 7.395 Acres.

- NOTES:**
1. AN ASSUMED BEARING OF NORTH ALONG THE WEST LINE OF THE SUBJECT TRACT WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.
  2. THIS PROPERTY IS LOCATED IN ZONE "X" (OUTSIDE THE 500 YEAR FLOOD PLAIN) PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 2201700369F, DATED APRIL 6, 2000.
  3. 1/2" IRON PIPES WERE SET AT ALL CORNERS UNLESS OTHERWISE SHOWN HEREON.
  4. THIS SURVEY DOES NOT CONSTITUTE A RETRACEMENT SURVEY OF SECTION 6. BOUNDARY LINES SHOWN HEREON ARE BASED ON EXISTING MONUMENTATION AND EVIDENCE OF OCCUPATION.



*Garland D. Herring*  
 Garland D. Herring, P.L.S.  
 Registered Professional Land Surveyor  
 L.A. LIC. NO. 4685

**SURVEY CERTIFICATION**  
 I HEREBY STATE THAT THIS SURVEY WAS PREPARED UNDER MY SUPERVISION IN ACCORDANCE WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" FOR A CLASS "C" SURVEY.

**Alliance, Inc.**  
 Architects • Engineers • Planners  
 Petroleum Square, Suite 100 1324 North Hearne Avenue  
 Shreveport, LA 71107 Phone (918)221-7501

S00211-T02

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE CADDO WARD II  
INDUSTRIAL DEVELOPMENT CORPORATION**

On a motion duly made by RONALD E. HALL and seconded by RONNIE ALLEN the following resolution was unanimously adopted at a regular meeting of the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, held at 120 West Arkansas at Citizens Bank & Trust Company, Vivian, Louisiana, on December 5, 2002, pursuant to due notice according to the law and open to the public, at which meeting the majority of the members of the Board of Directors were present:

"WHEREAS, an offer has been made to sell the following described property, to wit:

**TRACT 1:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:

From a 2 inch iron pipe at the Northwest corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, being the Point of Beginning of the tract herein described;

Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 228.66 feet to a ½ inch iron pipe on the Westerly Right of Way line of Louisiana Highway No. 170 (Vivian-Gilliam Hwy):

Thence South 51°26'07" East along said Westerly Right of Way line, a distance of 1,356.73 feet to a ½ inch iron pipe on the East line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 484.00 feet to a 2 inch iron pipe on the South Line of the South west Quarter of the Northeast Quarter of said Section 6;

Thence South 89°56'58" West along the South line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 1,290.83 feet to a ½ inch iron pipe on the West line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence North along the West line of the southwest Quarter of the Northeast Quarter of aid Section 6, a distance of 1,330.99 feet to the Point of Beginning;

Said tract herein described contains 29.091 acres.

**TRACT 2:**

A tract of land located in the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, and being more particularly described as follows:

From a 2 inch iron pipe as the Northeast corner of the Southwest Quarter of the Northeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana, Being the Point of Beginning of the tract herein described;

Thence South 00°09'25" East along the East line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 717.35 feet to a ½ inch iron pipe on the Easterly Right of Way line of Louisiana Highway No. 170 (Vivian -Gilliam Hwy):

Thence North 51°26'07" West along said Easterly Right of Way line, a distance of 1,151.07 feet to a ½ inch iron pipe on the North line of the Southwest Quarter of the Northeast Quarter of said Section 6;

Thence South 89°59'08" East, along the North line of the Southwest Quarter of the Northeast Quarter of said Section 6, a distance of 898.06 feet to the Point of Beginning;

Said tract herein described contains 7.395 Acres.

to the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

**"WHEREAS, the CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** has determined that the purchase of the above described property is an integral and necessary step in furtherance of the purposes of the Corporation as defined by the Articles of Incorporation of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**; and,

**"NOW, THEREFORE, BE IT RESOLVED, That JAMES M. FRANCIS, President, be and he is hereby authorized for and on behalf of the CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION, to purchase, the above referred to described property.**

**"BE IT FURTHER RESOLVED, That the sale of the above described property is to be purchased for a price of TWENTY ONE THOUSAND SIX HUNDRED AND NO/100'S (\$21,600.00) DOLLARS;**

**"BE IT FURTHER RESOLVED, That JAMES M. FRANCIS, President, is hereby authorized on behalf of the CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION to sign and execute all deeds, and any other legal papers and documents necessary to consummate such purchase of said property of the CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION as deemed by said President at his discretion as advisable, necessary and in the best interest of the CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION"**

The following vote was received by, RONALD E. HALL, RONNIE R. ALLEN, HAYWARD MCCORMICK, JAMES T. SIMS, and KENNETH BAIN.

AYES:   3        NAYS:   0        ABSENT:   2  

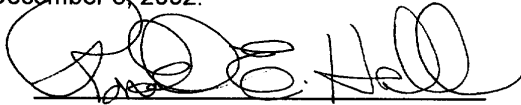
#### C E R T I F I C A T E

I, the undersigned, being the duly elected and acting Secretary of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** hereby certify that the above and foregoing is a true and complete copy of the resolution duly and unanimously adopted by the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** on December 5, 2002.



I further certify, that according to the minute book of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** which is in my possession the foregoing resolution has not been revoked, rescinded, or amended, directly or by inference to this date.

Vivian, Caddo Parish, Louisiana, on December 5, 2002.

A handwritten signature in black ink, appearing to read "Ronald E. Hall", written over a horizontal line.

**RONALD E. HALL  
SECRETARY, CADDO WARD II  
INDUSTRIAL DEVELOPMENT  
CORPORATION**

C:\2002\Ward2\BarrowHeath\nc\resolution.wpd

C 3616

1867702  
GARY LOFTIN  
CLERK OF COURT

FILED & RECORDED  
CADDOPARISH  
SHREVEPORT, LA.

2003 JUL -9 A 11 24  
*[Signature]*  
CLERK & RECORDER

STATE OF LOUISIANA:

**CASH SALE DEED**

PARISH OF CADDO:

**BE IT KNOWN**, that this day, before me, the undersigned authority, a Notary Public, duly commissioned and qualified in and for the aforesaid state and parish, personally came and appeared:

**BARROW HEATH COTTON VALLEY TIMBER, LTD**, a Texas limited liability partnership, duly authorized to do business in the State of Louisiana, with an office as Post Office Box 4469, Longview, Texas 75606, represented herein by its General Partner, Barrow Heath, Inc., a Texas corporation, the General Partner being represented herein by Jim N. Heath, it's President, duly authorized to so act;

sometimes herein referred to as "Seller";

who declared that they do by these presents, **GRANT, BARGAIN, SELL, CONVEY and DELIVER**, without full guarantee of title, but with complete transfer and subrogation of all rights and actions against all former proprietors of the property herein conveyed unto:

**CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION (TIN 72-1302659)**, a non-profit Corporation organized under the Laws of the State of Louisiana, domiciled in Caddo Parish, Louisiana, with a mailing address of 120 West Arkansas. Vivian, Louisiana 71082; herein represented by **JAMES M. FRANCIS**, its President, duly authorized to act on its behalf, pursuant to a resolution of the Board of Directors of **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, a certified copy of said resolution is attached hereto and made a part hereof;

the following described property, to-wit:

Southwest Quarter of Section 5, Township 21 North, Range 15 West, Caddo Parish, Louisiana; Southeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; South Half of Southwest Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; and Northwest Quarter of Northwest Quarter of Section 8, Township 21 North, Range 15 West, Caddo Parish, Louisiana.

The above referred to property is being conveyed herein together with all buildings and improvements thereon and contains the following geographical numbers 211505-0-6; 211506-0-17; and 211508-0-12. The above referred to property being conveyed herein contains 437.63 acres more or less and being more fully shown on the survey prepared by Kenneth V. Hill, a professional land surveyor, on April 28, 2003, said survey being attached hereto and made a part hereof the Cash Sale Deed.

This sale is made subject to all recorded rights-of-way, easements, servitudes, existing oil, gas, and mineral leases and reservations and timber leases.

**TO HAVE AND TO HOLD** said described property unto said purchaser, their heirs and assigns forever.

This sale is made for the consideration of the sum of **TWO HUNDRED FORTY THREE THOUSAND EIGHT HUNDRED SEVENTEEN AND NO/100'S (\$243,817.00) DOLLARS**, cash in hand paid, the receipt of which is hereby acknowledged.

The certificate of mortgage is hereby waived by the parties, and evidence of the payment of taxes waived.

357

Taxes have been prorated as of the date of this sale, with Seller's portion thereof deducted from the purchase price. Purchaser agrees to pay to the taxing authority all past due taxes and all taxes for the current year when same become due.

DONE AND PASSED in said Gregg County, Texas, in the presence of the undersigned competent witnesses, on this the 24<sup>th</sup> day of May, 2003.

ATTEST:

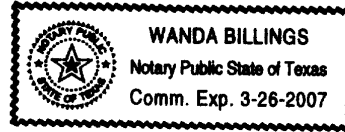
BARROW HEATH COTTON VALLEY TIMBER,  
LTD, VENDOR  
By: BARROW HEATH, INC. IT'S GENERAL  
PARTNER

Lynnea W. Cammack

Jim N Heath  
BY: JIM N. HEATH, President

Annette Stanford

Wanda Billings  
NOTARY PUBLIC



In and for Gregg County, Texas  
My Commission Expires: 3/26/2007

STATE OF LOUISIANA:

PARISH OF CADDO:

DONE AND PASSED in said Caddo Parish, Louisiana, in the presence of the undersigned competent witnesses, on this the 24<sup>th</sup> day of May, 2003.

ATTEST:

CADDO WARD II INDUSTRIAL DEVELOPMENT  
CORPORATION

Teremi Courtney

James M. Francis  
BY: JAMES M. FRANCIS, President

Douglas C. Dominick

DOUGLAS C. DOMINICK, NOTARY PUBLIC  
My Commission Is For Life

**RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

On a motion duly made by **ERNEST AVRA** and seconded by **KENNY BAIN** the following resolution was unanimously adopted at a regular meeting of the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, held at the 120 West Arkansas at Citizens Bank & Trust Company, Vivian, Louisiana, on May 1, 2003, pursuant to due notice according to the law and open to the public, at which meeting the majority of the members of the Board of Directors were present:

"WHEREAS, an offer has been made to sell the following described property, to wit:

Southwest Quarter of Section 5, Township 21 North, Range 15 West, Caddo Parish, Louisiana; Southeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; South Half of Southwest Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; and Northwest Quarter of Northwest Quarter of Section 8, Township 21 North, Range 15 West, Caddo Parish, Louisiana.

to the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**

"WHEREAS, the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** has determined that the purchase of the above described property is an integral and necessary step in furtherance of the purposes of the Corporation as defined by the Articles of Incorporation of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**; and,

"NOW, THEREFORE, BE IT RESOLVED, That **JAMES M. FRANCIS**, President, be and he is hereby authorized for and on behalf of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**, to purchase, the following property to wit:

Southwest Quarter of Section 5, Township 21 North, Range 15 West, Caddo Parish, Louisiana; Southeast Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; South Half of Southwest Quarter of Section 6, Township 21 North, Range 15 West, Caddo Parish, Louisiana; and Northwest Quarter of Northwest Quarter of Section 8, Township 21 North, Range 15 West, Caddo Parish, Louisiana.

"BE IT FURTHER RESOLVED, That the sale of the above described property is to be purchased for a price of **\$243,817.00**.

"BE IT FURTHER RESOLVED, That **JAMES M. FRANCIS**, President, is hereby authorized on behalf of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** to sign and execute all deeds, and any other legal papers and documents necessary to consummate such purchase of said property of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** as deemed by said President at his discretion as advisable, necessary and in the best interest of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**"

The following vote was received by, RONALD E. HALL, RONNIE R. ALLEN, JAMES T. SIMS, KENNETH BAIN, HAYWARD MCCORMICK and ERNEST AVRA.

AYES: 5

NAYS: 0

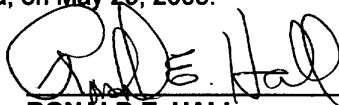
ABSENT: 1

**C E R T I F I C A T E**

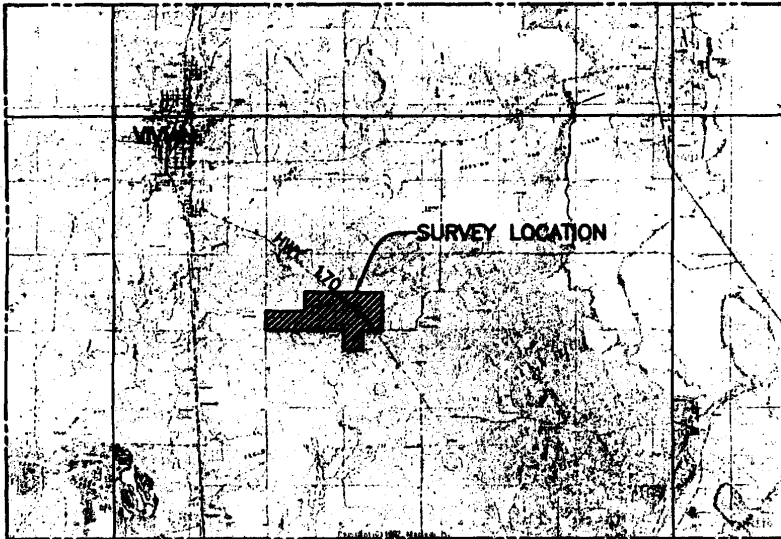
I, the undersigned, being the duly elected and acting Secretary of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** hereby certify that the above and foregoing is a true and complete copy of the resolution duly and unanimously adopted by the Board of Directors of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** on May 1, 2003.

I further certify, that according to the minute book of the **CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION** which is in my possession the foregoing resolution has not been revoked, rescinded, or amended, directly or by inference to this date.

Vivian, Caddo Parish, Louisiana, on May 29, 2003.



\_\_\_\_\_  
**RONALD E. HALL**  
**SECRETARY, CADDO WARD II INDUSTRIAL DEVELOPMENT CORPORATION**



VICINITY MAP

CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORP.  
BK. 3264, PG. 74

CADDO PARISH COMMISSION  
BK. 2304, PG. 281

T21N-R16W

N. 00°36'00" E  
1294.87'

(Ind) 2" Pipe

S 89°35'52" E  
2644.18'

(Ind) 2" Pipe

N. 0°25'34" E

S 1/2, SW 1/4, SEC 6, T21N-R15W

1  
12

3  
7

(Ind) 2" Pipe

N 89°29'07" W  
2653.41'

(Ind) 2" Pipe

BBARD  
PG. 75

TEXACO, INC.

361

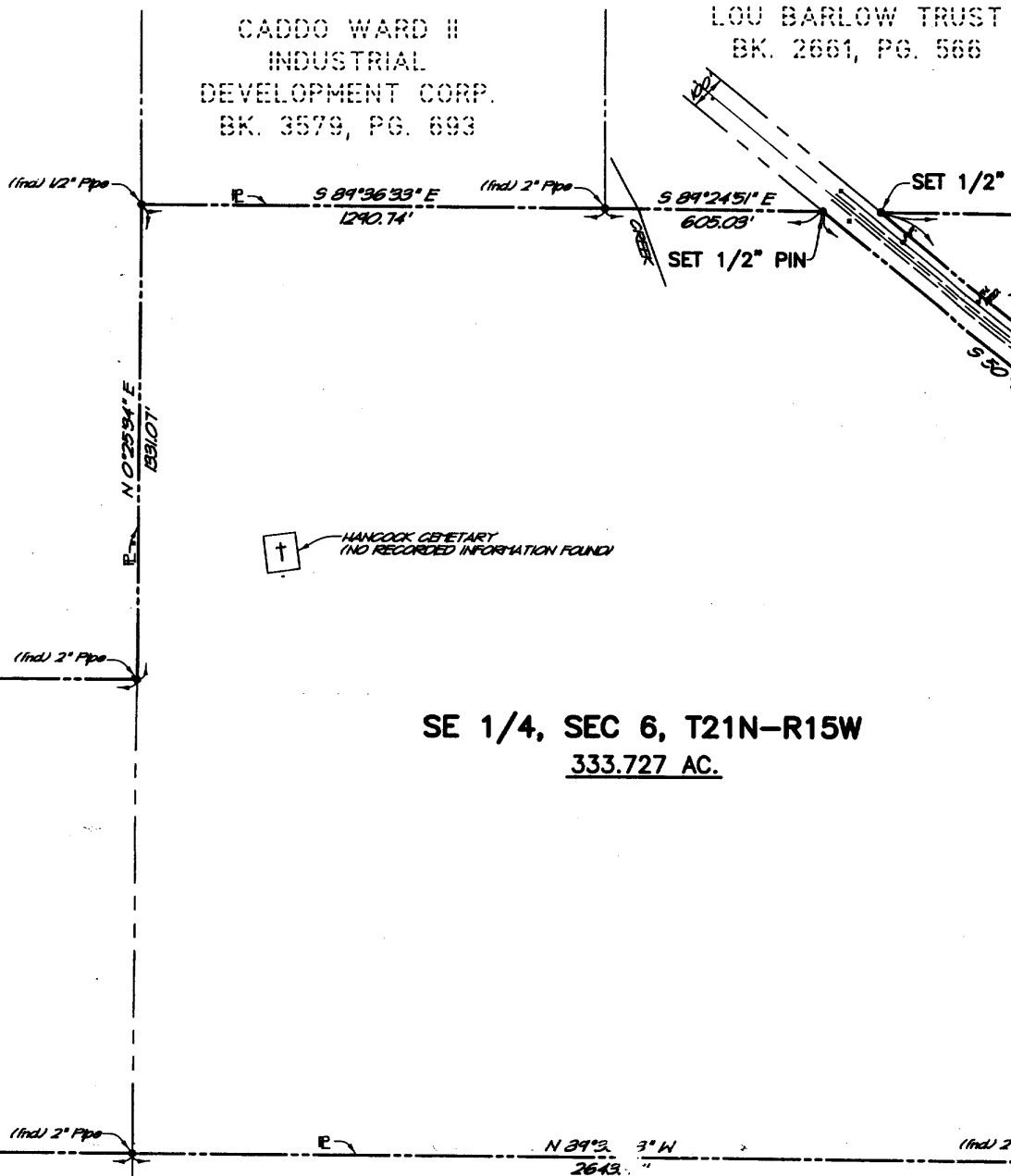
SURVEY CERTIFICATION

**BOUNDARY SURVEY**

Of two tracts of land containing a total of 437.634  
 Southwest 1/4, and the Southeast 1/4 of Section 1  
 Northwest 1/4, Northwest 1/4 of Section 8, Townsh  
 Louisiana.

CECIL BARLOW, TRUSTEE  
 OF THE CECIL & ANNIE  
 LOU BARLOW TRUST  
 BK. 2661, PG. 566

CADDO WARD II  
 INDUSTRIAL  
 DEVELOPMENT CORP.  
 BK. 3579, PG. 693



**SE 1/4, SEC 6, T21N-R15W**  
333.727 AC.

**N-R15W**

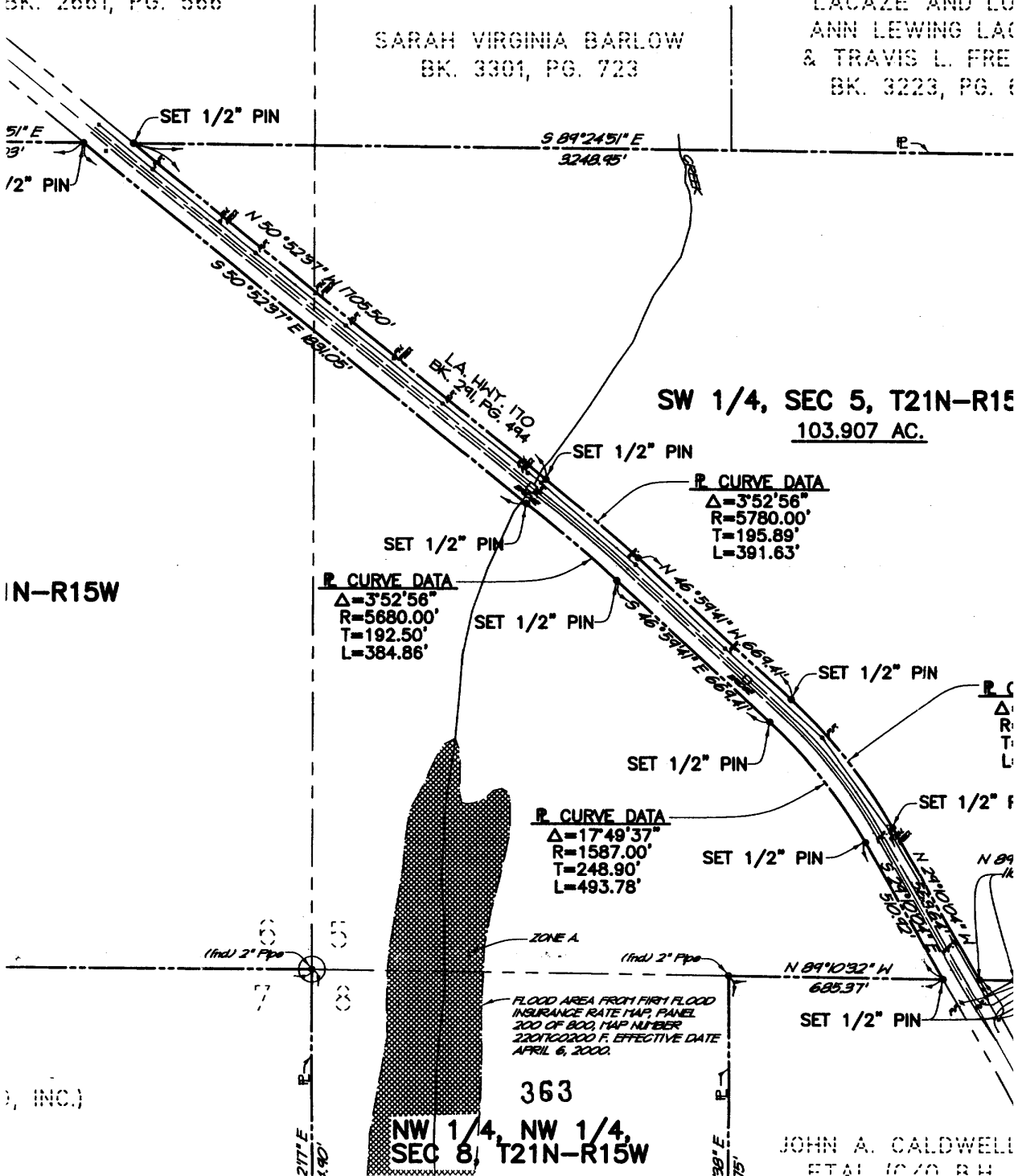
TEXACO INC.  
 (C/O T.E.P.I., TEXACO, INC.)

g a total of 437.634 acres, more or less, being the South 1/2 of the  
 east 1/4 of Section 6, and the Southwest 1/4 of Section 5, and the  
 of Section 8, Township 21 North, Range 15 West, Caddo Parish,

L. BARLOW, TRUSTEE  
 THE CECIL & ANNIE  
 DU BARLOW TRUST  
 BK. 2661, PG. 566

JAMES GREGORY  
 LACAZE AND LO  
 ANN LEWING LAC  
 & TRAVIS L. FRE  
 BK. 3223, PG. 6

SARAH VIRGINIA BARLOW  
 BK. 3301, PG. 723



SW 1/4, SEC 5, T21N-R15  
 103.907 AC.

P. CURVE DATA  
 $\Delta=3^{\circ}52'56''$   
 $R=5680.00'$   
 $T=192.50'$   
 $L=384.86'$

P. CURVE DATA  
 $\Delta=3^{\circ}52'56''$   
 $R=5780.00'$   
 $T=195.89'$   
 $L=391.63'$

P. CURVE DATA  
 $\Delta=17^{\circ}49'37''$   
 $R=1587.00'$   
 $T=248.90'$   
 $L=493.78'$

ZONE A

FLOOD AREA FROM FIRST FLOOD  
 INSURANCE RATE MAP, PANEL  
 200 OF 800, MAP NUMBER  
 220100200 F. EFFECTIVE DATE  
 APRIL 6, 2000.

363

NW 1/4, NW 1/4,  
 SEC 8, T21N-R15W

JOHN A. CALDWELL  
 ET AL 10/00 RU



South 1/2 of the  
ction 5, and the  
ddo Parish,



JAMES GREGORY  
LACAZE AND LORRIE  
ANN LEWING LACAZE  
& TRAVIS L. FREEMAN  
BK. 3223, PG. 647

MUNIS K.  
WOOLBERT, JR.  
BK. 3028,  
PG. 412

DONALD RAYMOND  
TUCKER, ETAL  
BK. 2679,  
PG. 25

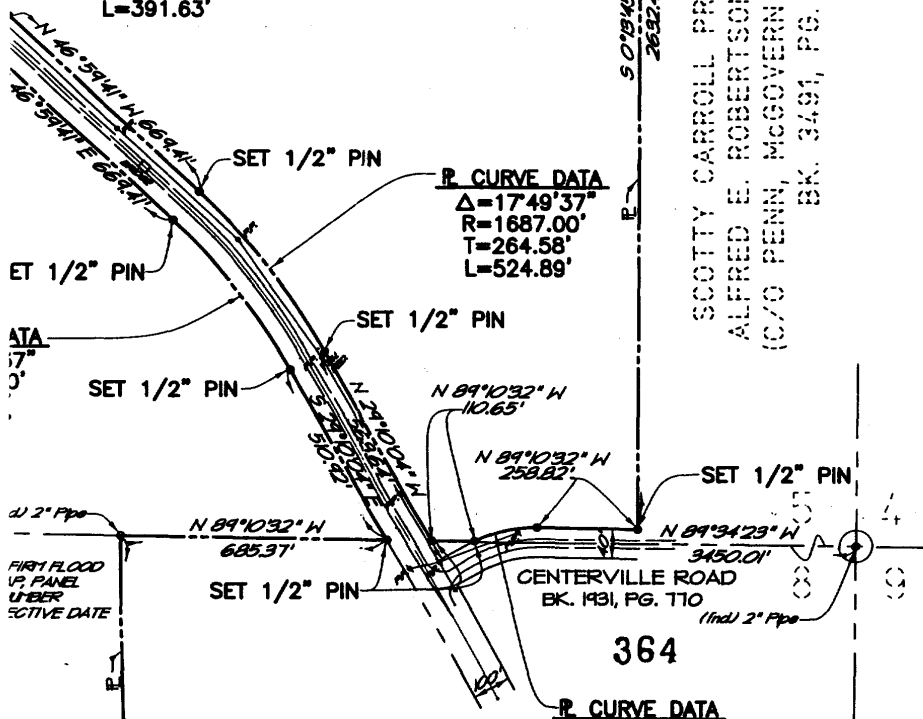
SW 1/4, SEC 5, T21N-R15W  
103.907 AC.

2" PIN

P. CURVE DATA  
 $\Delta=3^{\circ}52'56''$   
 $R=5780.00'$   
 $T=195.89'$   
 $L=391.63'$

P. CURVE DATA  
 $\Delta=17^{\circ}49'37''$   
 $R=1687.00'$   
 $T=264.58'$   
 $L=524.89'$

P. CURVE DATA  
 $\Delta=27^{\circ}56'10''$   
 $R=343.28'$   
 $T=85.38'$



SCOTTY CARROLL PRINCE 1/2 &  
ALFRED E. ROBERTSON 2/7, ETAL  
(C/O PENN, McGOVERN & COMPANY)  
BK. 3491, PG. 421

JOHN A. CALDWELL,  
ETAL C/O R.H.

**Alliance**  
Incorporated  
architecture  
engineering  
planning  
surveying

State Old Tower, Suite 1200  
601 Poydras Street  
Shreveport, LA 71101

Phone 318-221-7200  
Fax 318-221-7030

**AILLET,  
FENNER,  
JOLLY &  
McCLELLAND, INC.**  
Consulting Engineers  
1055 LOUISIANA AVE.  
SHREVEPORT, LA 71101  
(318) 425-7452

Project Name <b>Ward II Industrial Park Property Acquisition Vivian, Louisiana T-21-N, R-15-W, Caddo Parish, Louisiana</b>		
Sheet Title <b>Map of Survey - SW/4 of Sec. 5, SE/4 and S/2 of SW/4 of Sec. 6, and NW/4 of the NW/4 of Sec. 8</b>		
No.	Revision	By/Date
Seal		



VICINITY MAP

(Incl) 12" Pipe

CADDO WARD II INDUSTRIAL  
DEVELOPMENT CORP.  
BK. 3264, PG. 74

CADDO PARISH COMMISSION  
BK. 2304, PG. 281

N 0°25'31" E

T21N-R16W

N 00°36'00" E  
1274.82'

S 1/2, SW 1/4, SEC 6, T21N-R15W

(Incl) 2" Pipe

S 89°35'52" E  
2644.18'

(Incl) 2" Pipe

12  
7

(Incl) 2" Pipe

N 89°29'07" W  
2633.14'

(Incl) 2" Pipe

TEXACO, INC.

SURVEY CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL GROUND SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION. ANY SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

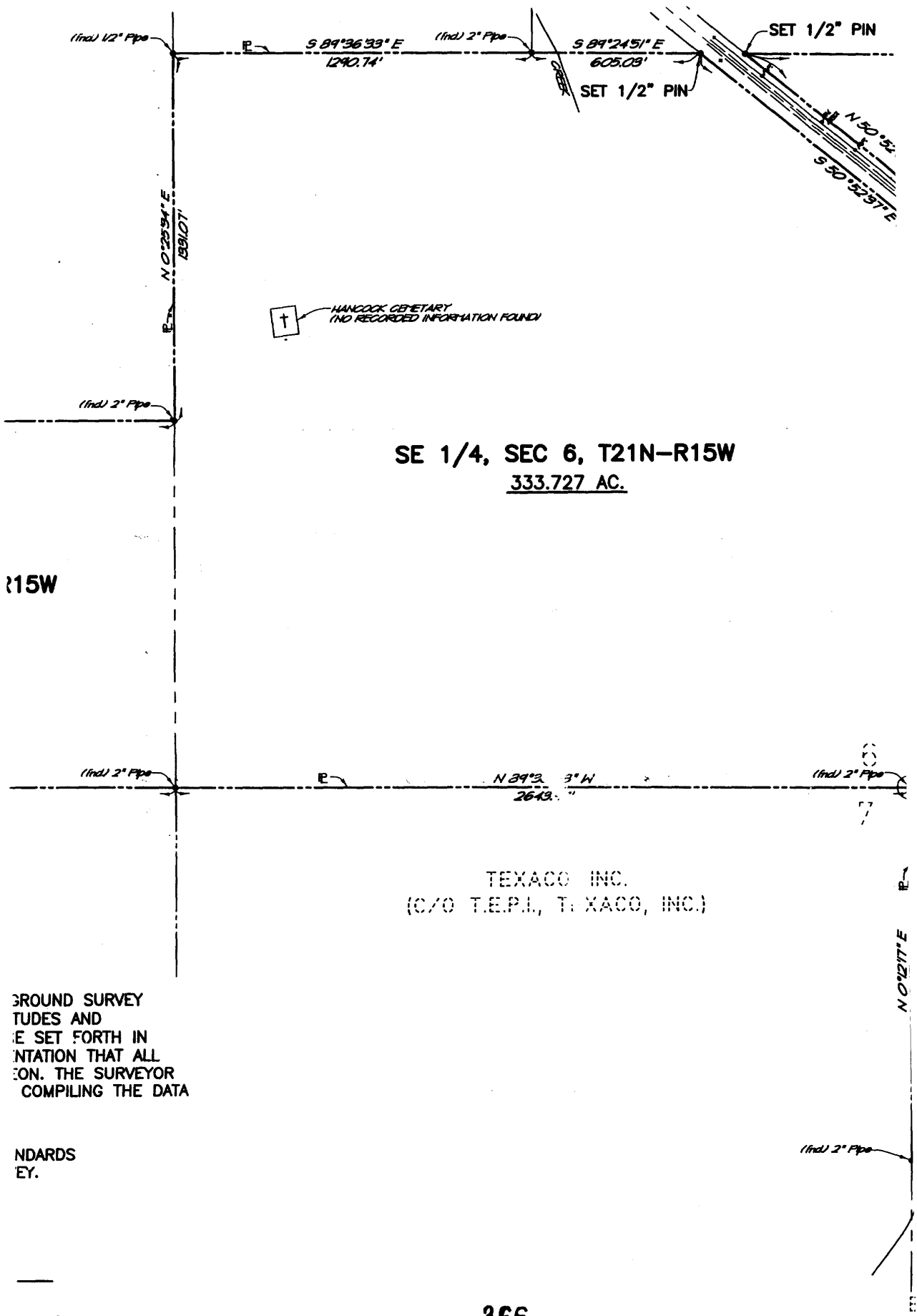
THIS SURVEY IS IN ACCORDANCE WITH THE LA. "MINIMUM STANDARDS FOR PROFESSIONAL SURVEYING SURVEYS" FOR A CLASS "C" SURVEY.



Kenneth V. Hill  
KENNETH V. HILL  
REGISTERED PROFESSIONAL LAND SURVEYOR  
LOUISIANA LICENSE NO. 1897

DATE: 4-28-07

JAMES S. HUBBARD  
BK. 2566, PG. 75

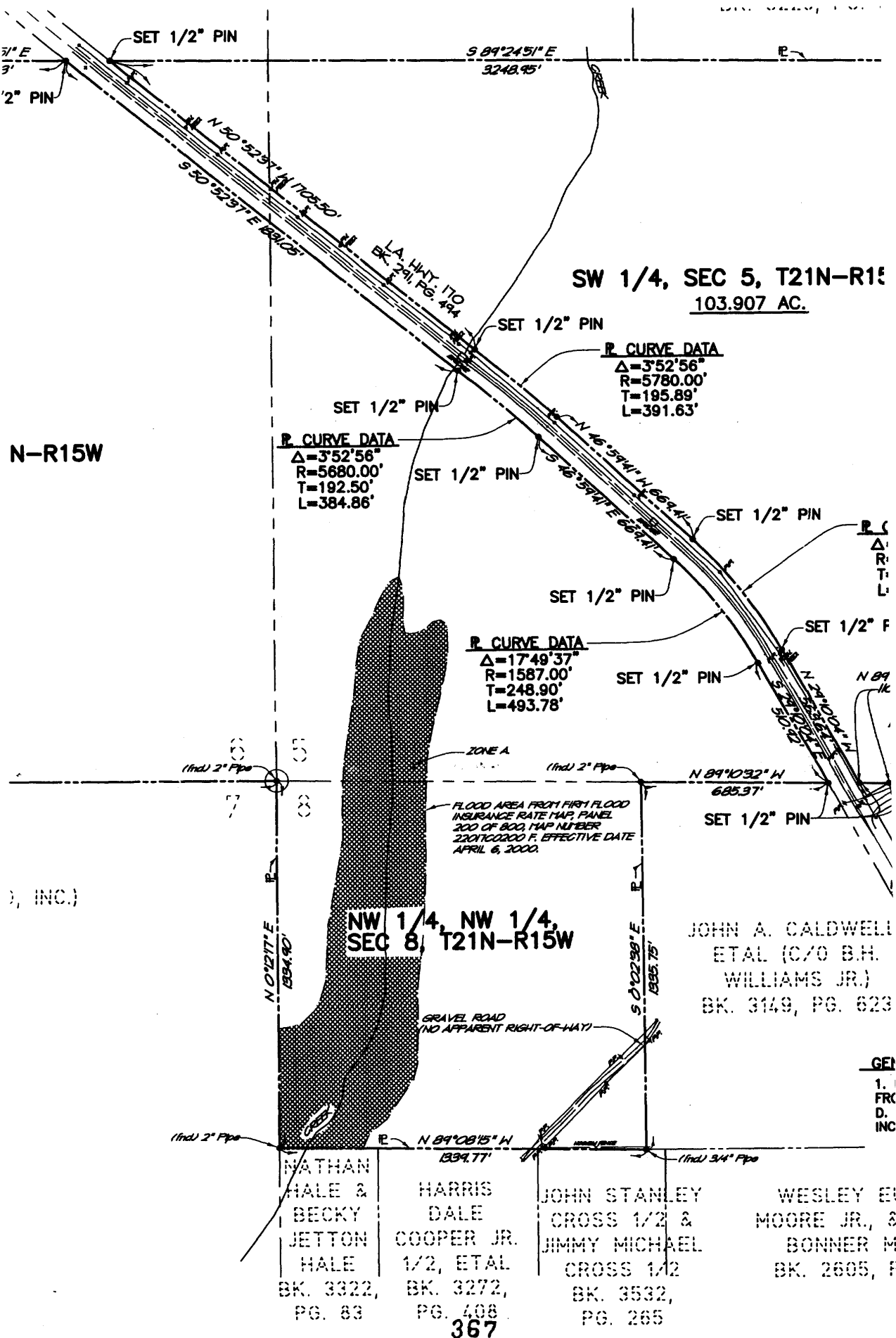


SE 1/4, SEC 6, T21N-R15W  
333.727 AC.

TEXACO INC.  
 (C/O T.E.P.I., TEXACO, INC.)

GROUND SURVEY  
 TUBES AND  
 BE SET FORTH IN  
 NOTATION THAT ALL  
 CON. THE SURVEYOR  
 COMPILING THE DATA

STANDARDS  
 BEY.



**SW 1/4, SEC 5, T21N-R15**  
 103.907 AC.

**R. CURVE DATA**  
 $\Delta = 3^{\circ}52'56''$   
 $R = 5680.00'$   
 $T = 192.50'$   
 $L = 384.86'$

**R. CURVE DATA**  
 $\Delta = 3^{\circ}52'56''$   
 $R = 5780.00'$   
 $T = 195.89'$   
 $L = 391.63'$

**R. CURVE DATA**  
 $\Delta = 17^{\circ}49'37''$   
 $R = 1587.00'$   
 $T = 248.90'$   
 $L = 493.78'$

ZONE A  
 FLOOD AREA FROM FIRST FLOOD  
 INSURANCE RATE MAP, PANEL  
 200 OF 800, MAP NUMBER  
 220102000 F. EFFECTIVE DATE  
 APRIL 6, 2000.

**NW 1/4, NW 1/4,  
 SEC 8, T21N-R15W**

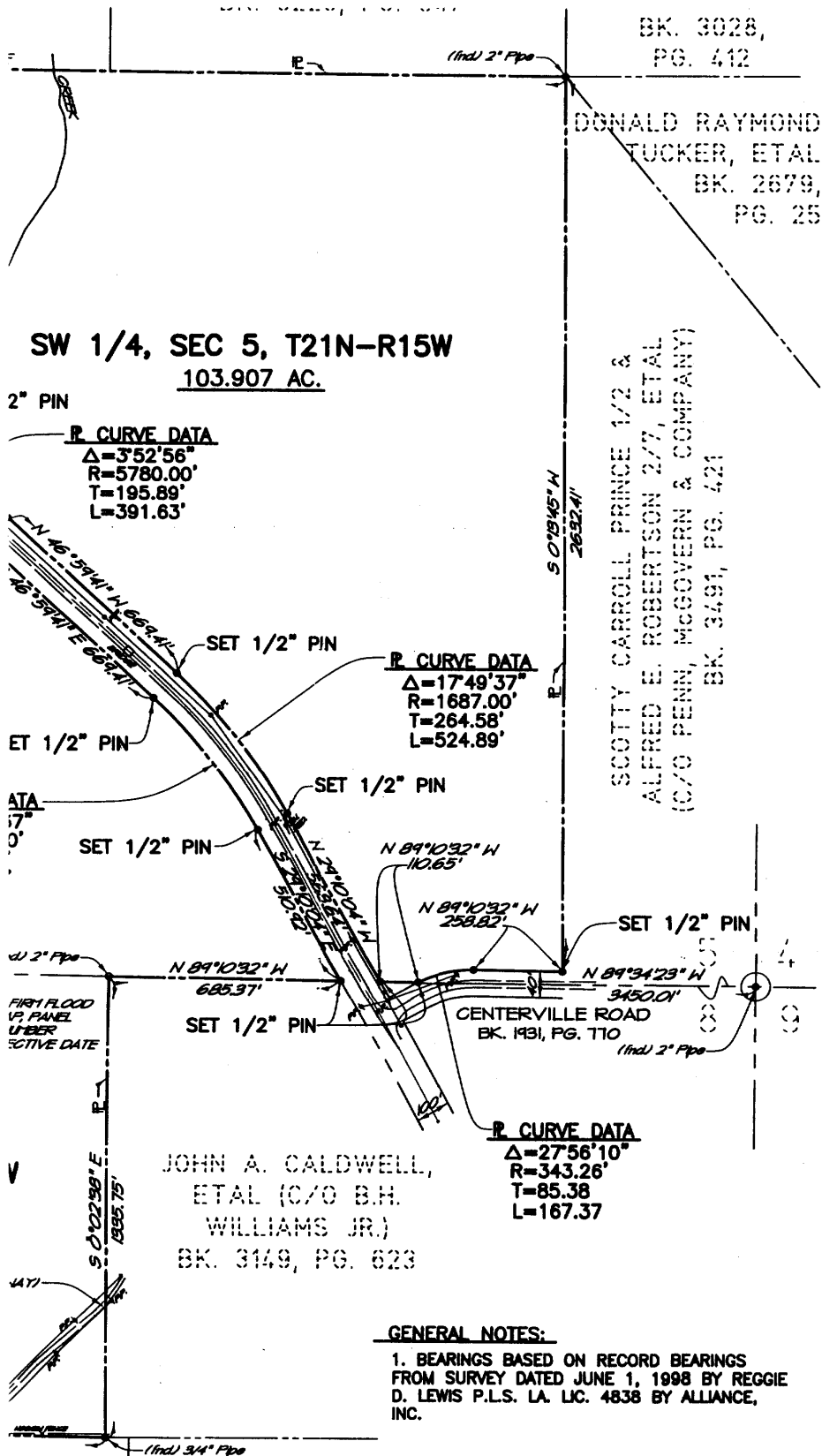
JOHN A. CALDWELL  
 ETAL (C/O B.H.  
 WILLIAMS JR.)  
 BK. 3149, PG. 623

NATHAN  
 MALE &  
 BECKY  
 JETTON  
 MALE  
 BK. 3322,  
 PG. 83

HARRIS  
 DALE  
 COOPER JR.  
 1/2, ETAL  
 BK. 3272,  
 PG. 408

JOHN STANLEY  
 CROSS 1/2 &  
 JIMMY MICHAEL  
 CROSS 1/2  
 BK. 3532,  
 PG. 265

WESLEY E.  
 MOORE JR., &  
 BONNER M.  
 BK. 2605, P.



BK. 3028,  
PG. 412

DONALD RAYMOND  
TUCKER, ETAL  
BK. 2679,  
PG. 25

SW 1/4, SEC 5, T21N-R15W  
103.907 AC.

2" PIN

**P. CURVE DATA**

$\Delta = 3^{\circ}52'56''$   
R=5780.00'  
T=195.89'  
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**P. CURVE DATA**

$\Delta = 17^{\circ}49'37''$   
R=1687.00'  
T=264.58'  
L=524.89'

**P. CURVE DATA**

$\Delta = 27^{\circ}56'10''$   
R=343.26'  
T=85.38  
L=167.37

**GENERAL NOTES:**

1. BEARINGS BASED ON RECORD BEARINGS FROM SURVEY DATED JUNE 1, 1998 BY REGGIE D. LEWIS P.L.S. LA. LIC. 4838 BY ALLIANCE, INC.

FENNER, JOLLY & McCLELLAND, INC.  
Consulting Engineers  
1055 LOUISIANA AVE.  
SHREVEPORT, LA 71101  
(318) 425-7452

Project Name  
**Ward II Industrial Park Property Acquisition**  
Vivian, Louisiana  
T-21-N, R-15-W, Caddo Parish, Louisiana

Sheet Title  
**Map of Survey - SW/4 of Sec. 5, SE/4 and S/2 of SW/4 of Sec. 6, and NW/4 of the NW/4 of Sec. 8**

No.	Revision	By/Date

Seal

**SEE SURVEY CERTIFICATION**

KENNETH V. HILL, REG. No. 1897  
(318)-425-7452

Designed	E.L.J.
Drawn	A.D.F.
Checked	K.V.H.
Project Phase	
Date	4/25/03
Drawing No.	S00224-A01
Scale	1"=300'
Sheet No.	

**1 of 1**

# **RECORDS REVIEW DOCUMENTATION**

---

**Ward II Industrial Park**  
Roy Hoppy Hopkins Drive  
Vivian, LA 71082

Inquiry Number: 6590116.2s  
July 23, 2021

## EDR Area / Corridor Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Government Records Searched/Data Currency Tracking .....	GR-1

***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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### SUBJECT PROPERTY INFORMATION

#### ADDRESS

ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

### TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

UIC: Underground Injection Wells Listing

A review of the UIC list, as provided by EDR, and dated 02/02/2021 has revealed that there is 1 UIC site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
EXXON SWD		1 / 6	24

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor 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.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 CORRACTS site within approximately 1 mile of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<b>SUPERIOR TIE AND TIM</b> EPA ID:: LAD980622054	<b>14800 HIGHWAY 1</b>	<b>S 1/2 - 1 (0.572 mi.)</b>	<b>A3 / 7</b>	<b>26</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Local Lists of Hazardous waste / Contaminated Sites***

DEL SHWS: Deleted Potential & Confirmed Sites

A review of the DEL SHWS list, as provided by EDR, and dated 04/08/2021 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the requested target property.

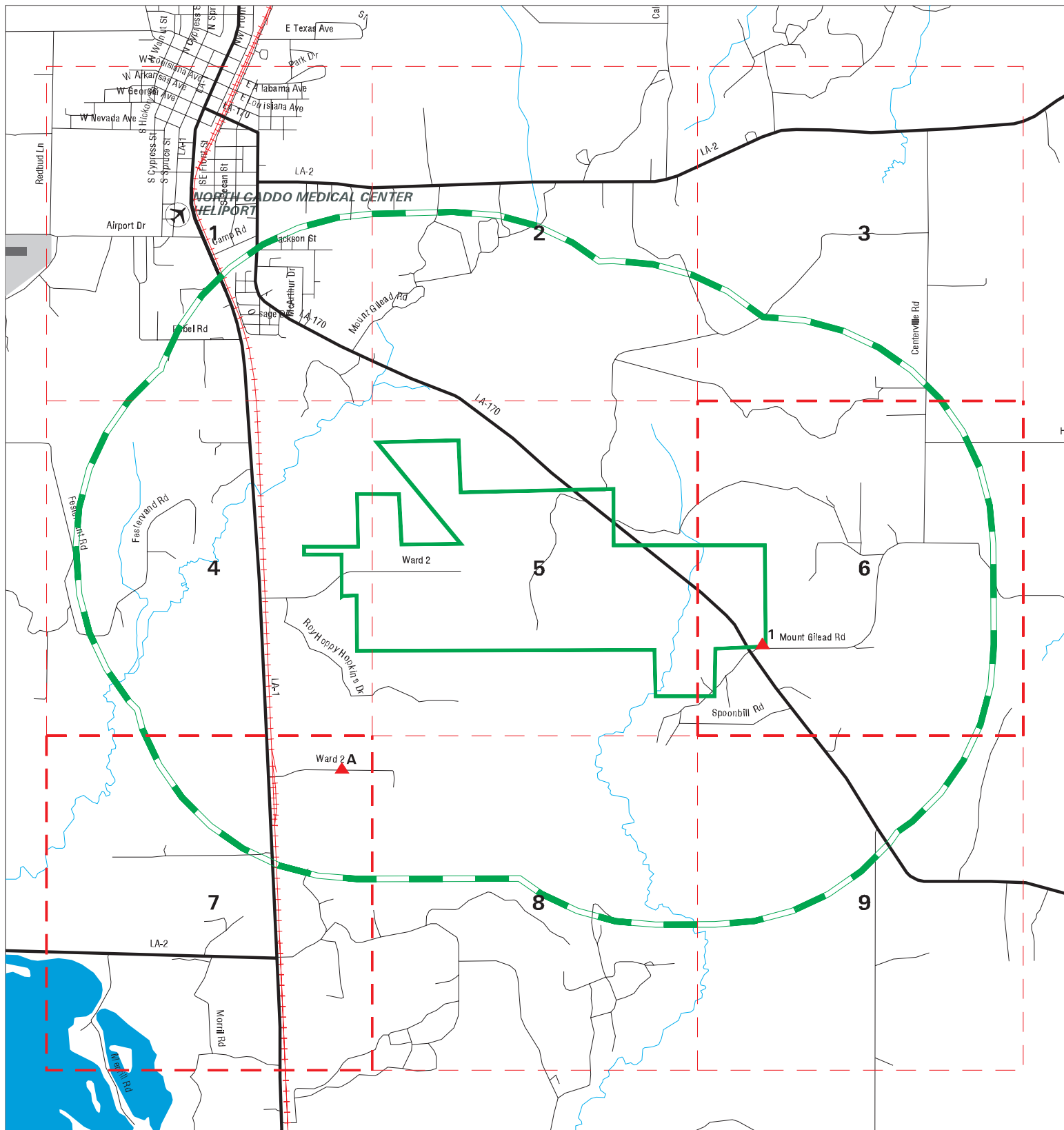
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<b>SUPERIOR TIE &amp; TIMBE</b> AI #: 4379	<b>14800 HWY 1</b>	<b>S 1/2 - 1 (0.572 mi.)</b>	<b>A2 / 7</b>	<b>25</b>

MAPPED SITES SUMMARY

Target Property:  
 ROY HOPPY HOPKINS DRIVE  
 VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 6	EXXON SWD		UIC	TP
A2 / 7	SUPERIOR TIE & TIMBE	14800 HWY 1	DEL SHWS, NPDES, REM	3018 0.572 South
A3 / 7	SUPERIOR TIE AND TIM	14800 HIGHWAY 1	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-3018	0.572 South

# Key Map - 6590116.2s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



**SITE NAME:** Ward II Industrial Park  
**ADDRESS:** Roy Hoppy Hopkins Drive  
**CITY/STATE:** Vivian LA  
**ZIP:** 71082

**CLIENT:** Headwaters Inc.  
**CONTACT:** Pamela Hall  
**INQUIRY #:** 6590116.2s  
**DATE:** 07/23/21

6:59 PM

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
HIST DEBRIS	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	1	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
REM	0.500		0	0	0	NR	NR	0
UIC	TP	1	NR	NR	NR	NR	NR	1
MINES MRDS	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	0	0	0	2	0	3

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



# Focus Map - 1 - 6590116.2s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- Indian Reservations BIA



**SITE NAME:** Ward II Industrial Park  
**ADDRESS:** Roy Hoppy Hopkins Drive  
**CITY/STATE:** Vivian LA  
**ZIP:** 71082

**CLIENT:** Headwaters Inc.  
**CONTACT:** Pamela Hall  
**INQUIRY #:** 6590116.2s  
**DATE:** 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

---

NO MAPPED SITES FOUND

# Focus Map - 2 - 6590116.2s



- ▲ Sites
- ▧ Focus Map - Sites
- ▨ Indian Reservations BIA
- ▧ Target Property
- ⚡ Power Line
- ▧ Search Buffer
- ▧ National Priority List Sites
- ▧ Focus Map - No Sites
- ▧ Dept. Defense Sites



**SITE NAME:** Ward II Industrial Park  
**ADDRESS:** Roy Hoppy Hopkins Drive  
**CITY/STATE:** Vivian LA  
**ZIP:** 71082

**CLIENT:** Headwaters Inc.  
**CONTACT:** Pamela Hall  
**INQUIRY #:** 6590116.2s  
**DATE:** 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

# Focus Map - 3 - 6590116.2s



- ▲ Sites
- - - Target Property
- Search Buffer
- - - Focus Map - No Sites
- / - Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



**SITE NAME:** Ward II Industrial Park  
**ADDRESS:** Roy Hoppy Hopkins Drive  
**CITY/STATE:** Vivian LA  
**ZIP:** 71082

**CLIENT:** Headwaters Inc.  
**CONTACT:** Pamela Hall  
**INQUIRY #:** 6590116.2s  
**DATE:** 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 3

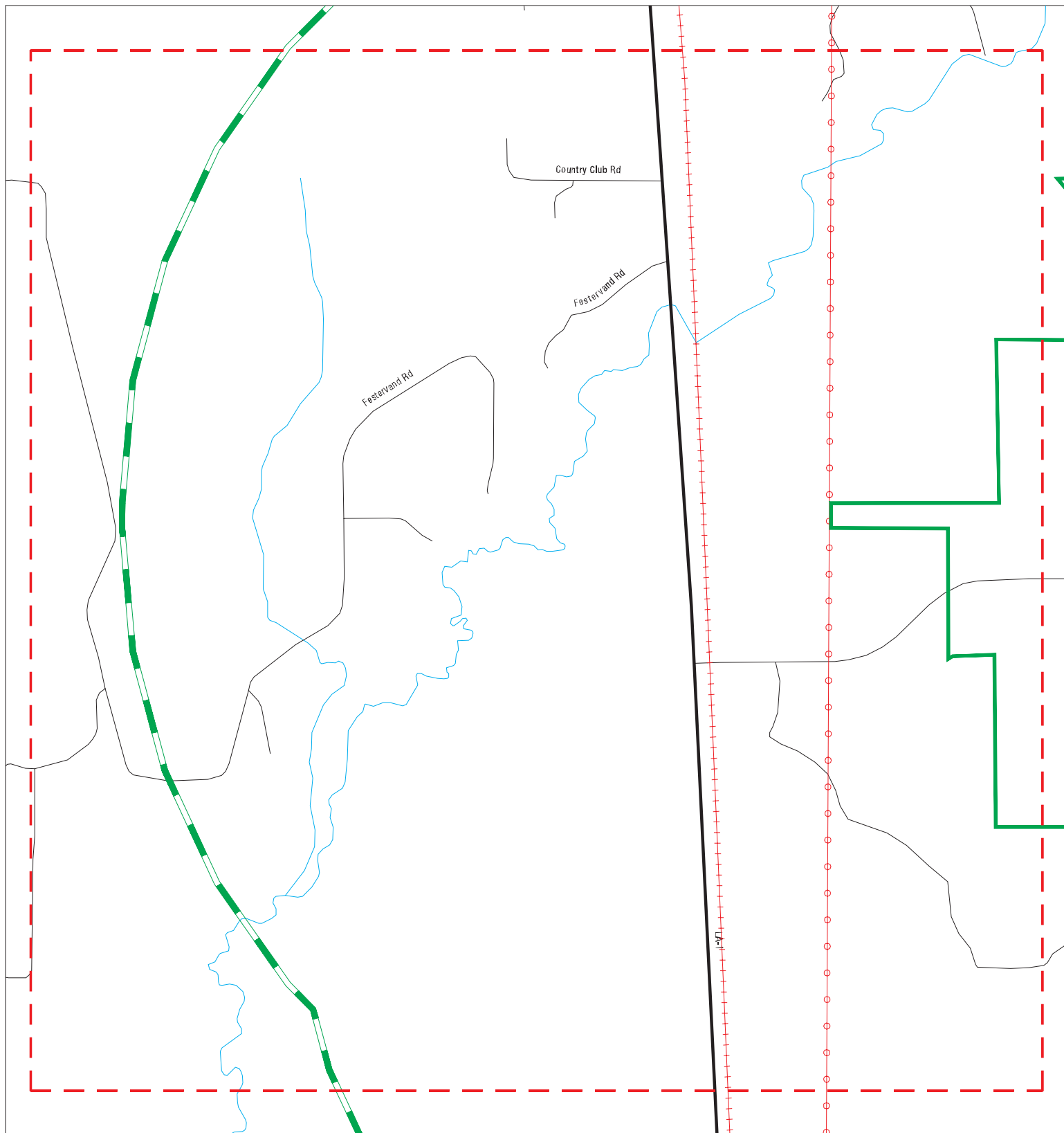
Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

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NO MAPPED SITES FOUND

# Focus Map - 4 - 6590116.2s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Focus Map - No Sites
- ▬ Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Ward II Industrial Park  
 ADDRESS: Roy Hoppy Hopkins Drive  
 CITY/STATE: Vivian LA  
 ZIP: 71082

CLIENT: Headwaters Inc.  
 CONTACT: Pamela Hall  
 INQUIRY #: 6590116.2s  
 DATE: 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

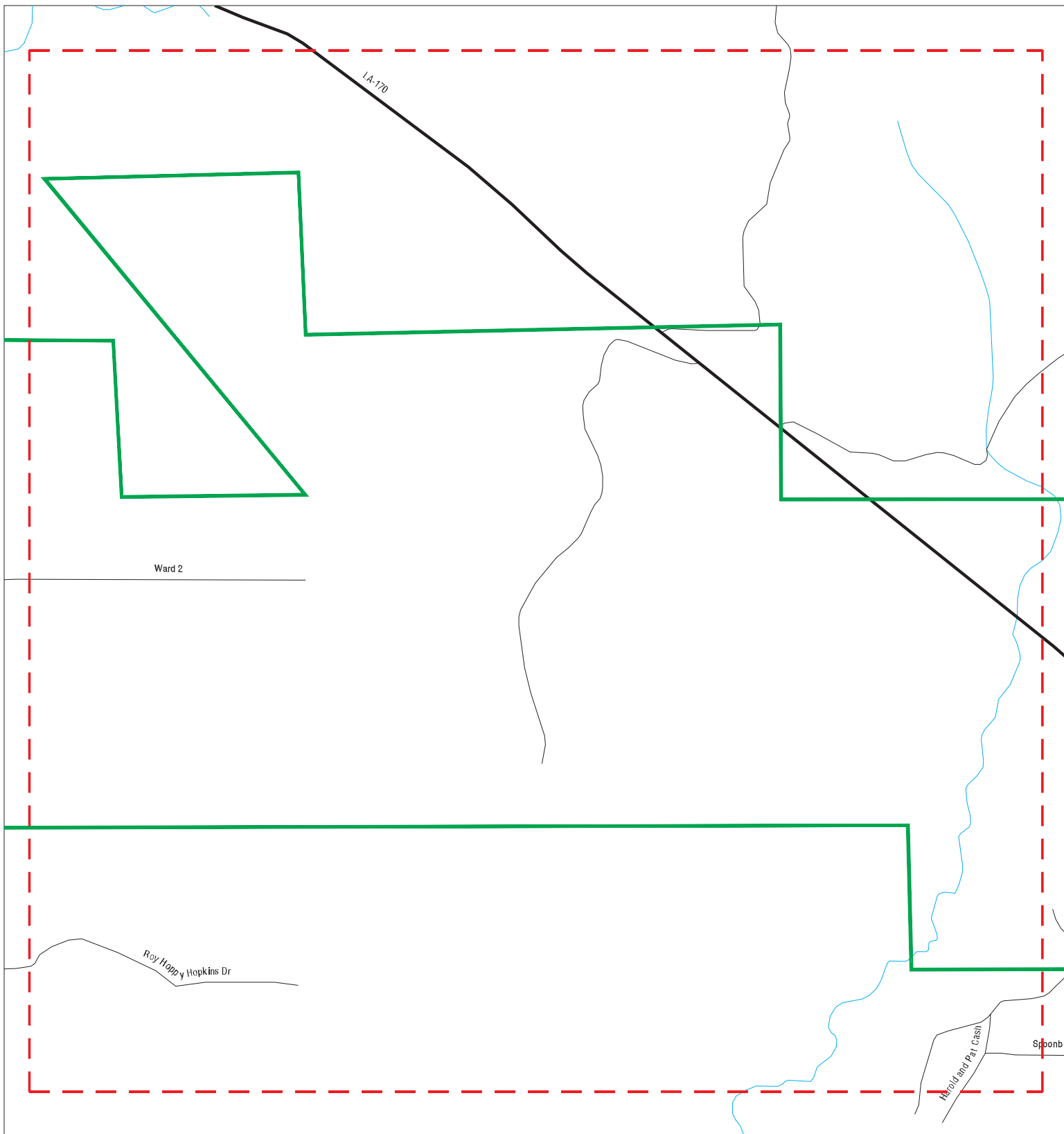
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND



# Focus Map - 5 - 6590116.2s



- |   |                      |   |                     |   |                              |
|---|----------------------|---|---------------------|---|------------------------------|
|  | Sites                |  | Focus Map - Sites   |  | Indian Reservations BIA      |
|  | Target Property      |  | Power Line          |  | National Priority List Sites |
|  | Search Buffer        |  | Dept. Defense Sites |   |                              |
|  | Focus Map - No Sites |   |                     |   |                              |

SITE NAME: Ward II Industrial Park  
 ADDRESS: Roy Hopy Hopkins Drive  
 CITY/STATE: Vivian LA  
 ZIP: 71082

CLIENT: Headwaters Inc.  
 CONTACT: Pamela Hall  
 INQUIRY #: 6590116.2s  
 DATE: 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 5

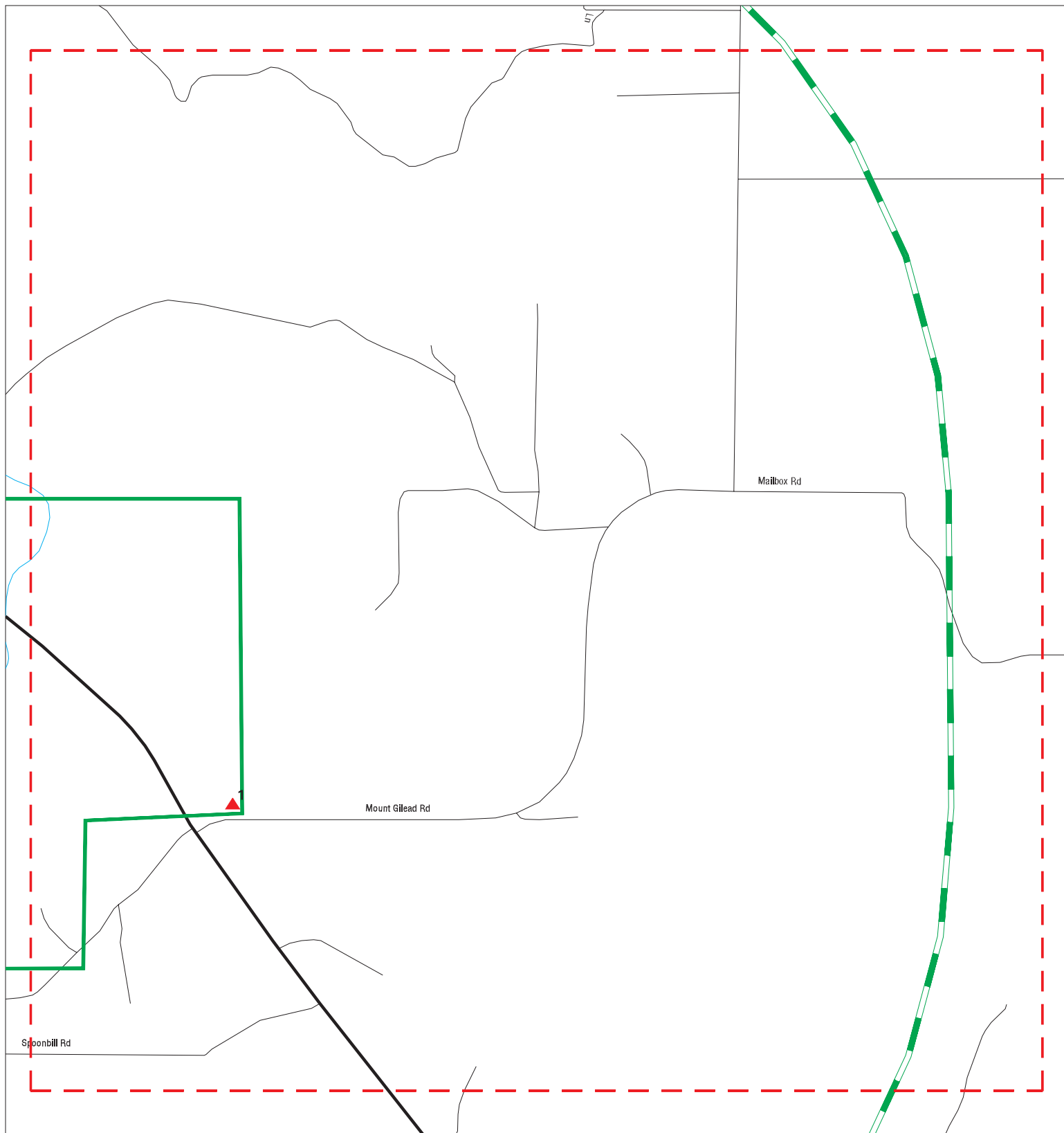
Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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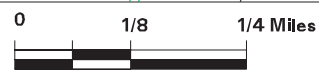
---

NO MAPPED SITES FOUND

# Focus Map - 6 - 6590116.2s



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- / / Search Buffer
- National Priority List Sites
- / / Focus Map - No Sites
- Dept. Defense Sites



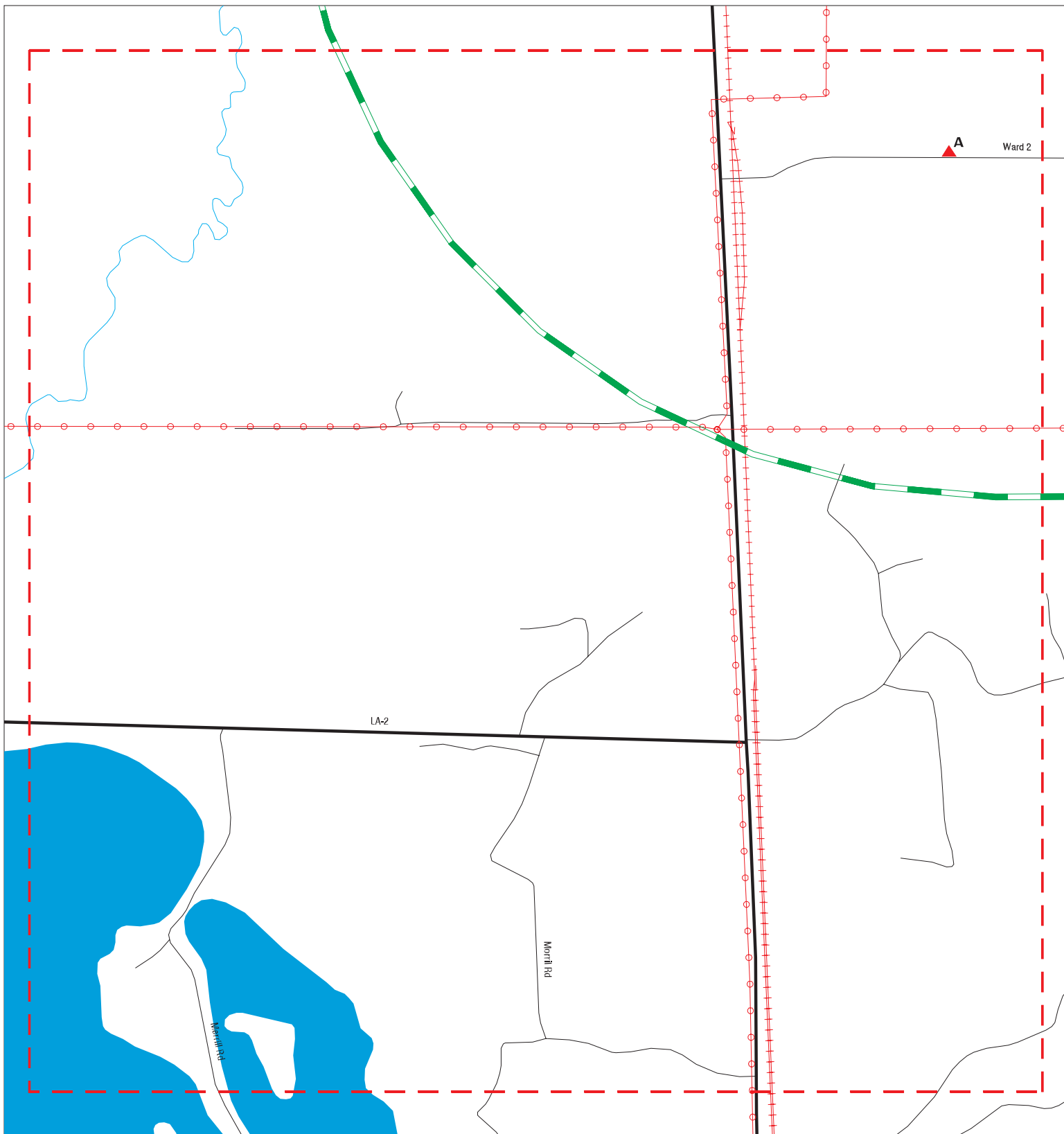
<p><b>SITE NAME:</b> Ward II Industrial Park  <b>ADDRESS:</b> Roy Hoppy Hopkins Drive  <b>CITY/STATE:</b> Vivian LA  <b>ZIP:</b> 71082</p>	<p><b>CLIENT:</b> Headwaters Inc.  <b>CONTACT:</b> Pamela Hall  <b>INQUIRY #:</b> 6590116.2s  <b>DATE:</b> 07/23/21</p>
--	---

MAPPED SITES SUMMARY - FOCUS MAP 6

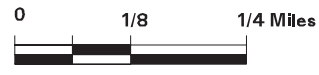
Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 6	EXXON SWD		UIC	TP

# Focus Map - 7 - 6590116.2s



- |                      |                              |                         |
|----------------------|------------------------------|-------------------------|
| Sites                | Focus Map - Sites            | Indian Reservations BIA |
| Target Property      | Power Line                   |                         |
| Search Buffer        | National Priority List Sites |                         |
| Focus Map - No Sites | Dept. Defense Sites          |                         |



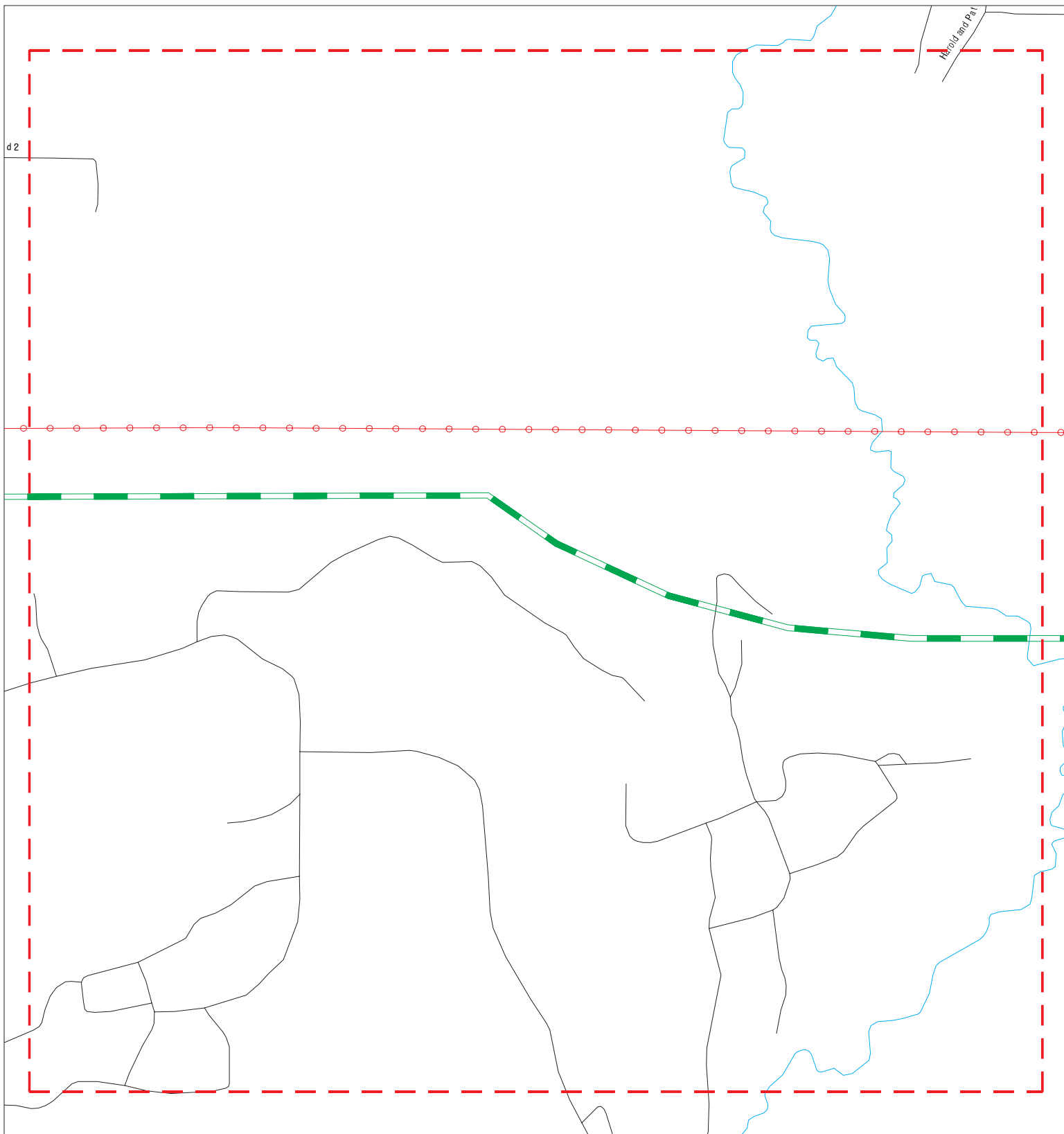
SITE NAME: Ward II Industrial Park ADDRESS: Roy Hoppy Hopkins Drive CITY/STATE: Vivian LA ZIP: 71082	CLIENT: Headwaters Inc. CONTACT: Pamela Hall INQUIRY #: 6590116.2s DATE: 07/23/21
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MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A2 / 7	SUPERIOR TIE & TIMBE	14800 HWY 1	DEL SHWS, NPDES, REM	3018 0.572 South
A3 / 7	SUPERIOR TIE AND TIM	14800 HIGHWAY 1	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-3018	0.572 South

# Focus Map - 8 - 6590116.2s



- |   |  |   |   |
|---|--|---|---|
|  Sites                 |  Focus Map - Sites            |  Indian Reservations BIA |  |
|  Target Property      |  Power Line                   |   |   |
|  Search Buffer        |  National Priority List Sites |   |   |
|  Focus Map - No Sites |  Dept. Defense Sites          |   |   |

**SITE NAME:** Ward II Industrial Park  
**ADDRESS:** Roy Hoppy Hopkins Drive  
**CITY/STATE:** Vivian LA  
**ZIP:** 71082

**CLIENT:** Headwaters Inc.  
**CONTACT:** Pamela Hall  
**INQUIRY #:** 6590116.2s  
**DATE:** 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

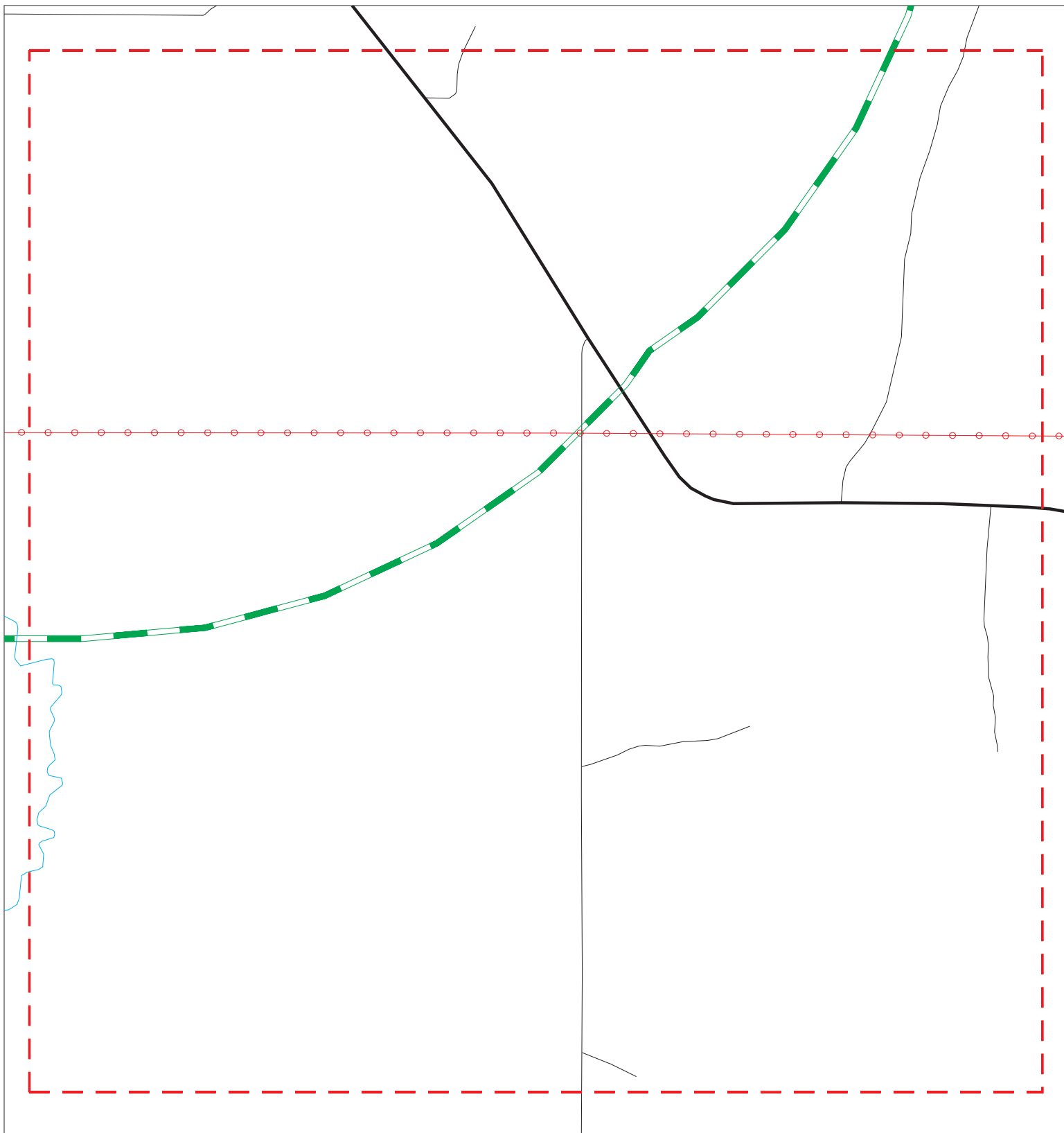
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND



# Focus Map - 9 - 6590116.2s



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- / / Search Buffer
- National Priority List Sites
- / / Focus Map - No Sites
- Dept. Defense Sites



SITE NAME: Ward II Industrial Park  
 ADDRESS: Roy Hoppy Hopkins Drive  
 CITY/STATE: Vivian LA  
 ZIP: 71082

CLIENT: Headwaters Inc.  
 CONTACT: Pamela Hall  
 INQUIRY #: 6590116.2s  
 DATE: 07/23/21

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:  
ROY HOPPY HOPKINS DRIVE  
VIVIAN, LA 71082

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
Target  
Property

EXXON SWD  
, LA

UIC S116602359  
N/A

Actual:  
272 ft.  
Focus Map:  
6

UIC:  
Name: EXXON SWD  
Address: Not reported  
City, State, Zip: LA  
Location: 104 FSL & 2423 FWL SECTION 5, TOWNSHIP 21 NORTH, RANGE 15 WEST, CADDO PARISH, LOUISIANA  
Org Id: 2417  
Org Oper Name: NATHAN HALE OIL CO.  
Field Id: 2152  
Field Name: CADDO PINE ISLAND  
Well Class: II  
Well Class Type Code Description: PRODUCED SALT WATER  
API Num: 17017885330000  
Wells Serial Num: 974422  
Well Num: 001  
Section: 05  
Township: 21N  
Well Range: 15W  
Parish Code: 09  
Well Status Code: 09  
Well Status Code Description: ACTIVE- INJECTION  
Well Status Date: 10/21/2013  
Address1: Not reported  
Address2: Not reported  
Permit Date: 07/09/2013  
Effective Date: 10/21/2013  
Meridian: W  
Field District Name: Shreveport  
Field Area Code: Onshore  
Product Type Code: 00  
Product Type Code Description: NO PRODUCT SPECIFIED  
Measured Depth: 1320  
Longitude Degrees: Not reported  
Longitude Minutes: Not reported  
Longitude Seconds: Not reported  
Latitude Degrees: Not reported  
Latitude Minutes: Not reported  
Latitude Seconds: Not reported  
G UTMX: Not reported  
G UTM Y: Not reported  
G LAT Y: -93.940549  
G LONG X: 32.8339399  
Legend: 09I15  
Hyperlink: [http://sonlite.dnr.state.la.us/sundown/cart\\_prod/cart\\_con\\_wellinfo2?p\\_WSN=974422](http://sonlite.dnr.state.la.us/sundown/cart_prod/cart_con_wellinfo2?p_WSN=974422)  
Doc Access: <http://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xwellserialnumber&val=974422>  
Upper Perf: 1200  
Lower Perf: 1220

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**A2** **SUPERIOR TIE & TIMBER CO**  
**South** **14800 HWY 1**  
**1/2-1** **VIVIAN, LA 71082**  
**0.572 mi.**  
**3018 ft.** **Site 1 of 2 in cluster A**

**DEL SHWS** **S108517778**  
**NPDES** **N/A**  
**REM**

**Actual:** **214 ft.** **DEL SHWS:**  
**Focus Map:** **7** **Name:** SUPERIOR TIE & TIMBER CO  
**Address:** 14800 HWY 1  
**City,State,Zip:** VIVIAN, LA 71082  
**Program:** Potential  
**EAC Type:** Approve Triage NFA w/ BOD  
**AI #:** 4379  
**Evaluated And Closed:** 10/25/2001  
**Comments:** EDMS ID 7552195.

**NPDES:**  
**Name:** SUPERIOR TIE & TIMBER CO  
**Address:** 14800 HWY 1  
**City,State,Zip:** VIVIAN, LA 71082  
**Facility Id:** 4379  
**Facility Phone:** (318) 375-4956  
**Issued Date:** 04/23/2007  
**Title Description:** MSGP Permit-LAR05N828  
**Permit Type Description:** Gen-LAR05-Multi-Sector  
**Program:** Water  
**Activity Number:** GEN20070001  
**Effective Date:** 04/23/2007  
**Expiration Date:** 05/29/2011  
**Permit Number:** LAR05N828  
**Mailing Address:** PO Box 847 Vivian, LA 71082-0847  
**Effective Flag:** N

**Name:** SUPERIOR TIE & TIMBER CO  
**Address:** 14800 HWY 1  
**City,State,Zip:** VIVIAN, LA 71082  
**Facility Id:** 4379  
**Facility Phone:** (318) 375-4956  
**Issued Date:** 05/27/2011  
**Title Description:** Permit Reauthorization  
**Permit Type Description:** Gen-LAR05-Multi-Sector  
**Program:** Water  
**Activity Number:** GEN20110001  
**Effective Date:** 05/30/2011  
**Expiration Date:** 09/05/2016  
**Permit Number:** LAR05N828  
**Mailing Address:** PO Box 847 Vivian, LA 71082-0847  
**Effective Flag:** N

**Name:** SUPERIOR TIE & TIMBER CO  
**Address:** 14800 HWY 1  
**City,State,Zip:** VIVIAN, LA 71082  
**Facility Id:** 4379  
**Facility Phone:** (318) 375-4956  
**Issued Date:** 09/06/2016  
**Title Description:** MSGP Renewed Coverage  
**Permit Type Description:** Gen-LAR05-Multi-Sector  
**Program:** Water  
**Activity Number:** GEN20160001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE & TIMBER CO (Continued)**

**S108517778**

Effective Date: 09/06/2016  
Expiration Date: 05/08/2021  
Permit Number: LAR05N828  
Mailing Address: PO Box 847 Vivian, LA 71082-0847  
Effective Flag: Y

Name: SUPERIOR TIE & TIMBER CO  
Address: 14800 HWY 1  
City,State,Zip: VIVIAN, LA 71082  
Facility Id: 4379  
Facility Phone: 3183754956  
Issued Date: 01/13/2017  
Title Description: Control Mechanism  
Permit Type Description: Pretreatment  
Program: Water  
Activity Number: PER20160002  
Effective Date: Not reported  
Expiration Date: Not reported  
Permit Number: Not reported  
Mailing Address: Not reported  
Effective Flag: Not reported

**REM:**

Name: SUPERIOR TIE & TIMBER CO  
Address: 14800 HWY 1  
Address 2: Not reported  
City,State,Zip: VIVIAN, LA 71082  
Al Num: 4379  
Evaluated And Closed: 10/25/2001  
Program: Potential  
Activity Description: REM20010001  
Title Description: Remediation Oversight  
EAC Type: Approve Triage NFA w/ BOD  
Comments: EDMS ID 7552195.

**A3 SUPERIOR TIE AND TIMBER**  
**South 14800 HIGHWAY 1**  
**1/2-1 VIVIAN, LA 71082**  
**0.572 mi.**  
**3018 ft. Site 2 of 2 in cluster A**

**SEMS-ARCHIVE 1015734289**  
**CORRACTS LAD980622054**  
**RCRA-TSDF**  
**RCRA-LQG**

**Actual:** SEMS Archive:  
**214 ft.** Site ID: 0603801  
**Focus Map:** EPA ID: LAD980622054  
**7** Name: SUPERIOR TIE & TIMBER COMPANY  
Address: LA HWY 1, 1 MI S OF VIVIAN  
Address 2: Not reported  
City,State,Zip: VIVIAN, LA 71082  
Cong District: 04  
FIPS Code: 22017  
FF: N  
NPL: Not on the NPL  
Non NPL Status: Deferred to RCRA (Subtitle C)

**SEMS Archive Detail:**

Region: 06  
Site ID: 0603801  
EPA ID: LAD980622054

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Site Name: SUPERIOR TIE & TIMBER COMPANY  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1989-09-01 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 06  
Site ID: 0603801  
EPA ID: LAD980622054  
Site Name: SUPERIOR TIE & TIMBER COMPANY  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1988-08-01 04:00:00  
Finish Date: 1988-08-01 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 06  
Site ID: 0603801  
EPA ID: LAD980622054  
Site Name: SUPERIOR TIE & TIMBER COMPANY  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1989-09-01 04:00:00  
Finish Date: 1989-09-01 04:00:00  
Qual: D  
Current Action Lead: EPA Perf

**CORRACTS:**

Name: SUPERIOR TIE AND TIMBER  
Address: 14800 HIGHWAY 1  
Address 2: Not reported  
EPA ID: LAD980622054  
Area Name: ENTIRE FACILITY  
Corrective Action: RFA COMPLETED  
Actual Date: 00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: SUPERIOR TIE AND TIMBER

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Address: 14800 HIGHWAY 1  
 Address 2: Not reported  
 EPA ID: LAD980622054  
 Area Name: ENTIRE FACILITY  
 Corrective Action: CA PRIORITIZATION-MEDIUM CA PRIORITY  
 Actual Date: 00:00.0  
 Air Release Indicator: Y  
 Groundwater Release Indicator: Y  
 Soil Release Indicator: Y  
 Surface Water Release Indicator: Y

**RCRA-LQG:**

Date Form Received by Agency: 2020-02-11 00:00:00.0  
 Handler Name: SUPERIOR TIE AND TIMBER  
 Handler Address: 14800 HIGHWAY 1  
 Handler City,State,Zip: VIVIAN, LA 71082  
 EPA ID: LAD980622054  
 Contact Name: MICHAEL J KONNOVITCH  
 Contact Address: HIGHWAY 1  
 Contact City,State,Zip: VIVIAN, LA 71082  
 Contact Telephone: 318-572-3060  
 Contact Fax: Not reported  
 Contact Email: MKONNOVITCH@TISHAZMAT.COM  
 Contact Title: VICE PRESIDENT  
 EPA Region: 06  
 Land Type: Private  
 Federal Waste Generator Description: Large Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: 2019  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: HIGHWAY 1  
 Mailing City,State,Zip: VIVIAN, LA 71082  
 Owner Name: KANSAS CITY SOUTHERN RAILWAY  
 Owner Type: Private  
 Operator Name: SUPERIOR TIE AND TIMBER  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site Converter Treatment storage and Disposal Facility: Not reported  
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site State-Reg Handler: ---  
 Federal Facility Indicator: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-30 09:30:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:  
 Year: 2017

Click Here for Biennial Reporting System Data:  
 Year: 2015

Click Here for Biennial Reporting System Data:  
 Year: 2013

Click Here for Biennial Reporting System Data:  
 Year: 2011

Click Here for Biennial Reporting System Data:  
 Year: 2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Waste Code: F034  
Waste Description: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: K001  
Waste Description: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: U051  
Waste Description: CREOSOTE

**Handler - Owner Operator:**

Owner/Operator Indicator: Operator  
Owner/Operator Name: TRANS-SERVE SUP. TIE & TIMBER  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: P O BOX 847  
Owner/Operator City,State,Zip: UNKNOWN, LA 00000-0000  
Owner/Operator Telephone: 318-375-4956  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TRANS-SERVE  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 14800 HIGHWAY 1  
Owner/Operator City,State,Zip: VIVIAN, LA 71082  
Owner/Operator Telephone: 318-572-3060  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN RAILWAY
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	427 WEST 12TH STREET
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64105
Owner/Operator Telephone:	816-983-1343
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-375-4956
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MJKONNOVITCH@TISHAZMAT.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-375-4956
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC.
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL J KONNOVITCH
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-572-3060
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MKONNOVITCH@TISHAZMAT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Name: TRANS-SERVE INC.  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TRANS-SERVE  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: KANSAS CITY SOUTHERN RAILWAY  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 427 WEST 12TH STREET  
Owner/Operator City,State,Zip: KANSAS CITY, MO 64105  
Owner/Operator Telephone: 816-983-1343  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: KANSAS CITY SOUTHERN RAILWAY  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 14800 HIGHWAY 1  
Owner/Operator City,State,Zip: VIVIAN, LA 71082  
Owner/Operator Telephone: 816-983-1343  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: KANSAS CITY SOUTHERN RAILWAY  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 14800 HIGHWAY 1  
Owner/Operator City,State,Zip: VIVIAN, LA 71082  
Owner/Operator Telephone: 816-983-1343  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS SERVE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	114 W 11TH ST
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64105-1804
Owner/Operator Telephone:	816-983-1303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN RAILWAY
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, LA 64121
Owner/Operator Telephone:	816-983-1343
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1980-11-19 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2010-01-27 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2012-04-17 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2014-02-10 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Receive Date: 2016-02-03 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2018-01-10 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2020-02-11 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-06-06 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-05 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-22 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2010-01-25 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1990-03-01 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-24 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported  
  
Receive Date: 1994-02-17 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-16 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1998-01-28 00:00:00.0  
Handler Name: SUPERIOR TIE &TIMBER COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2000-02-29 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-27 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-27 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-03-03 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-22 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
NAICS Code: 321114  
NAICS Description: WOOD PRESERVATION

Facility Has Received Notices of Violation:  
Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-08-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	378
Date of Enforcement Action:	2009-09-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAJAS
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: LAMGB  
Enforcement Responsible Sub-Organization: NW  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation: State  
Violation Short Description: TSD IS-Ground-Water Monitoring  
Date Violation was Determined: 1987-05-28 00:00:00.0  
Actual Return to Compliance Date: 1995-06-28 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 1987-09-09 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: NW  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2000  
Final Monetary Amount: 0  
Paid Amount: 8000  
Final Count: 1  
Final Amount: 0

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation: State  
Violation Short Description: TSD IS-Ground-Water Monitoring  
Date Violation was Determined: 1987-05-28 00:00:00.0  
Actual Return to Compliance Date: 1995-06-28 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 1987-09-09 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: NW  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2000  
Final Monetary Amount: 0  
Paid Amount: 8000  
Final Count: 1  
Final Amount: 0

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LAAED
Enforcement Responsible Sub-Organization:	HQ
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: LAAED  
Enforcement Responsible Sub-Organization: HQ  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2000-05-17 00:00:00.0
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	286
Date of Enforcement Action:	2000-10-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LAAED
Enforcement Responsible Sub-Organization:	HQ
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-08-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	378
Date of Enforcement Action:	2009-09-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

1015734289

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: LAJAS  
Enforcement Responsible Sub-Organization: NW  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-05-17 00:00:00.0
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	286
Date of Enforcement Action:	2000-10-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 1992-09-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: LAMGB  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 1992-09-15 00:00:00.0  
Scheduled Compliance Date: 1992-09-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-12-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LABJJ  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2016-02-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAKOB  
Evaluation Responsible Sub-Organization: SW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Evaluation Date:	1996-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LADWH
Evaluation Responsible Sub-Organization:	GO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMFP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAJAS
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	LAMGB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMGB



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-07-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAKOB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LALVF
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAJAS
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	LADPP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-12-09 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMGB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Evaluation Date: 2009-08-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAJAS  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 2009-09-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LABJJ  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-05-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAABD  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 2000-05-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2012-06-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAKOB  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

RCRA-LQG:  
Date Form Received by Agency: 2020-02-11 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Handler Address: 14800 HIGHWAY 1  
Handler City,State,Zip: VIVIAN, LA 71082  
EPA ID: LAD980622054  
Contact Name: MICHAEL J KONNOVITCH  
Contact Address: HIGHWAY 1  
Contact City,State,Zip: VIVIAN, LA 71082  
Contact Telephone: 318-572-3060  
Contact Fax: Not reported  
Contact Email: MKONNOVITCH@TISHAZMAT.COM  
Contact Title: VICE PRESIDENT  
EPA Region: 06  
Land Type: Private  
Federal Waste Generator Description: Large Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: 2019  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: Not reported  
State District: Not reported  
Mailing Address: HIGHWAY 1  
Mailing City,State,Zip: VIVIAN, LA 71082  
Owner Name: KANSAS CITY SOUTHERN RAILWAY  
Owner Type: Private  
Operator Name: SUPERIOR TIE AND TIMBER  
Operator Type: Private  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: No  
Universal Waste Destination Facility: No  
Federal Universal Waste: No  
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site Converter Treatment storage and Disposal Facility: Not reported  
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site State-Reg Handler: ---  
Federal Facility Indicator: Not reported  
Hazardous Secondary Material Indicator: N  
Sub-Part K Indicator: Not reported  
Commercial TSD Indicator: No  
Treatment Storage and Disposal Type: Land Disposal  
2018 GPRA Permit Baseline: Not on the Baseline  
2018 GPRA Renewals Baseline: Not on the Baseline  
Permit Renewals Workload Universe: Not reported  
Permit Workload Universe: Not reported  
Permit Progress Universe: Land Disposal  
Post-Closure Workload Universe: Not reported  
Closure Workload Universe: Not reported

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-30 09:30:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:  
Year: 2017

Click Here for Biennial Reporting System Data:  
Year: 2015

Click Here for Biennial Reporting System Data:  
Year: 2013

Click Here for Biennial Reporting System Data:  
Year: 2011

Click Here for Biennial Reporting System Data:  
Year: 2009

Click Here for Biennial Reporting System Data:  
Year: 2007

Click Here for Biennial Reporting System Data:  
Year: 2005

Click Here for Biennial Reporting System Data:  
Year: 2003

Click Here for Biennial Reporting System Data:  
Year: 2001

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

[Click Here for Biennial Reporting System Data:](#)

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Waste Code: F034  
Waste Description: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: K001  
Waste Description: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: U051  
Waste Description: CREOSOTE

**Handler - Owner Operator:**

Owner/Operator Indicator: Operator  
Owner/Operator Name: TRANS-SERVE SUP. TIE & TIMBER  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: P O BOX 847  
Owner/Operator City,State,Zip: UNKNOWN, LA 00000-0000  
Owner/Operator Telephone: 318-375-4956  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TRANS-SERVE  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 14800 HIGHWAY 1  
Owner/Operator City,State,Zip: VIVIAN, LA 71082  
Owner/Operator Telephone: 318-572-3060  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: KANSAS CITY SOUTHERN RAILWAY  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 427 WEST 12TH STREET  
Owner/Operator City,State,Zip: KANSAS CITY, MO 64105  
Owner/Operator Telephone: 816-983-1343  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported



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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-375-4956
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MJKONNOVITCH@TISHAZMAT.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR TIE AND TIMBER
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-375-4956
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN INDUSTRIES
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC.
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL J KONNOVITCH
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	318-572-3060
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MKONNOVITCH@TISHAZMAT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-SERVE INC
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121-9335
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRANS-SERVE INC.
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Name:	TRANS-SERVE
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN RAILWAY
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	427 WEST 12TH STREET
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64105
Owner/Operator Telephone:	816-983-1343
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN RAILWAY
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	816-983-1343
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KANSAS CITY SOUTHERN RAILWAY
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14800 HIGHWAY 1
Owner/Operator City,State,Zip:	VIVIAN, LA 71082
Owner/Operator Telephone:	816-983-1343
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KANSAS CITY SOUTHERN
Legal Status:	Private
Date Became Current:	1979-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 219335
Owner/Operator City,State,Zip:	KANSAS CITY, MO 64121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Operator  
Owner/Operator Name: KANSAS CITY SOUTHERN INDUSTRIES  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TRANS SERVE INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 114 W 11TH ST  
Owner/Operator City,State,Zip: KANSAS CITY, MO 64105-1804  
Owner/Operator Telephone: 816-983-1303  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: KANSAS CITY SOUTHERN RAILWAY  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 219335  
Owner/Operator City,State,Zip: KANSAS CITY, LA 64121  
Owner/Operator Telephone: 816-983-1343  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: SUPERIOR TIE AND TIMBER  
Legal Status: Private  
Date Became Current: 1979-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1980-11-19 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2010-01-27 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2012-04-17 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2014-02-10 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-03 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported

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EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Electronic Manifest Broker: Not reported

Receive Date: 2018-01-10 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2020-02-11 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-06-06 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-05 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: LA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-22 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

State District Owner:	LA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-01-25 00:00:00.0
Handler Name:	SUPERIOR TIE AND TIMBER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	LA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-03-01 00:00:00.0
Handler Name:	SUPERIOR TIE & TIMBER COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-02-24 00:00:00.0
Handler Name:	SUPERIOR TIE AND TIMBER COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-02-17 00:00:00.0
Handler Name:	SUPERIOR TIE & TIMBER CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-16 00:00:00.0
Handler Name:	SUPERIOR TIE AND TIMBER COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-28 00:00:00.0
Handler Name:	SUPERIOR TIE &TIMBER COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-29 00:00:00.0
Handler Name:	SUPERIOR TIE AND TIMBER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-27 00:00:00.0
Handler Name:	SUPERIOR TIE & TIMBER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Receive Date: 2004-02-27 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-03-03 00:00:00.0  
Handler Name: SUPERIOR TIE & TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-22 00:00:00.0  
Handler Name: SUPERIOR TIE AND TIMBER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 321114  
NAICS Description: WOOD PRESERVATION

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Records/Reporting  
Date Violation was Determined: 1992-07-16 00:00:00.0  
Actual Return to Compliance Date: 1992-09-15 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1992-09-16 00:00:00.0  
Enforcement Identifier: 389  
Date of Enforcement Action: 1992-08-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

1015734289

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-08-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	378
Date of Enforcement Action:	2009-09-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAJAS
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

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**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

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EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-05-28 00:00:00.0
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2000
Final Monetary Amount:	0
Paid Amount:	8000
Final Count:	1
Final Amount:	0
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LAAED
Enforcement Responsible Sub-Organization:	HQ
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LAAED
Enforcement Responsible Sub-Organization:	HQ
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Enforcement Identifier:	389
Date of Enforcement Action:	1992-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAMGB
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2000-05-17 00:00:00.0
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	286
Date of Enforcement Action:	2000-10-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-11-05 00:00:00.0
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Enforcement Identifier:	616
Date of Enforcement Action:	2002-04-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HE-C-01-0616

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LAAED
Enforcement Responsible Sub-Organization:	HQ
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-08-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	378
Date of Enforcement Action:	2009-09-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	LAJAS
Enforcement Responsible Sub-Organization:	NW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - General  
 Date Violation was Determined: 2000-05-17 00:00:00.0  
 Actual Return to Compliance Date: 2000-05-17 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 286  
 Date of Enforcement Action: 2000-10-18 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 1992-09-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: LAMGB  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 1992-09-15 00:00:00.0  
Scheduled Compliance Date: 1992-09-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-12-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LABJJ  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2016-02-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAKOB  
Evaluation Responsible Sub-Organization: SW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-04-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: LADWH  
Evaluation Responsible Sub-Organization: GO  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMFP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAJAS
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	LAMGB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMGB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-07-28 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAKOB  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-06-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: LABJJ  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 1995-06-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-06-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LALVF  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-01-10 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LAJAS  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-06-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: LABJJ  
Evaluation Responsible Sub-Organization: NW  
Actual Return to Compliance Date: 1995-06-28 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	LADPP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-12-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LABJJ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAMGB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	1992-09-15 00:00:00.0
Scheduled Compliance Date:	1992-09-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LAAED
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	2002-11-26 00:00:00.0
Scheduled Compliance Date:	2002-07-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAJAS
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR TIE AND TIMBER (Continued)**

**1015734289**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LABJJ
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAABD
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2000-05-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LAKOB
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Count: 6 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CADDO COUNTY	S111701796		ROY ROAD NEXT TO DEAN SEPTIC SERVICES.		SPILLS
CADDO COUNTY	S109561246		ROY RD.		SPILLS
VIVIAN	S111928349		HIGHWAY 170, EAST OF VIVIAN		SPILLS
VIVIAN	1016141704	ALLEN'S ELECTRIC MOTOR SERVICE INC	400 ROY HOPPY HOPKINS RD	71082	RCRA NonGen / NLR, FINDS, ECHO
VIVIAN	1024023026	CHEVRON USA INC 7H-1	ROY HOPPY DR	71082	FINDS, ECHO
VIVIAN	S122445809	BENTON & BROWN LLC - ROY "HOPPY" HOPKINS DR EXTENSION	ROY "HOPPY" HOPKINS DR	71082	NPDES

# 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.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### 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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	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 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

#### NPL LIENS: 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

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: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/11/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/30/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/23/2021  
Next Scheduled EDR Contact: 10/11/2021  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 214-665-6444
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 214-665-6444
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 214-665-6444
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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. 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 214-665-6444
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

### 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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

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: 03/22/2021  
Date Data Arrived at EDR: 03/24/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

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: 04/08/2021  
Date Data Arrived at EDR: 04/09/2021  
Date Made Active in Reports: 06/25/2021  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 06/28/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

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: 12/14/2020  
Date Data Arrived at EDR: 12/14/2020  
Date Made Active in Reports: 03/05/2021  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 06/02/2021  
Next Scheduled EDR Contact: 09/20/2021  
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: 03/09/2021  
Date Data Arrived at EDR: 03/10/2021  
Date Made Active in Reports: 05/26/2021  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 225-219-3953  
Last EDR Contact: 06/07/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

HIST DEBRIS: LDEQ Approved Debris Sites

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

Date of Government Version: 02/07/2007  
Date Data Arrived at EDR: 11/14/2008  
Date Made Active in Reports: 11/21/2008  
Number of Days to Update: 7

Source: Department of Environmental Quality  
Telephone: 225-219-3070  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## **State and tribal leaking storage tank lists**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/08/2021  
Date Data Arrived at EDR: 04/09/2021  
Date Made Active in Reports: 06/25/2021  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 06/28/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Quarterly

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020  
Date Data Arrived at EDR: 05/20/2020  
Date Made Active in Reports: 08/12/2020  
Number of Days to Update: 84

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020  
Date Data Arrived at EDR: 12/18/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 84

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-7439
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	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

Date of Government Version: 11/01/1999	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/16/2000	Telephone: N/A
Date Made Active in Reports: 05/01/2000	Last EDR Contact: 12/04/2001
Number of Days to Update: 75	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### ***State and tribal registered storage tank lists***

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

#### 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: 04/08/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/09/2021	Telephone: 225-219-3181
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 07/07/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

#### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

### **State and tribal institutional control / engineering control registries**

#### AUL: Listing of Institutional and/or Engineering Controls

A notice of contamination (nature and levels of contaminants) and restriction of property to non-residential use are placed in the conveyance records for the property.

Date of Government Version: 03/18/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/19/2021	Telephone: 225-219-3168
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/15/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: No Update Planned

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: No Update Planned

#### VCP: Voluntary Remediation Program Sites

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

Date of Government Version: 04/12/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/13/2021	Telephone: 225-219-3181
Date Made Active in Reports: 06/30/2021	Last EDR Contact: 07/13/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

### **State and tribal Brownfields sites**

#### BROWNFIELDS: Brownfields Inventory

Brownfields are abandoned, idled, or underused industrial or commercial real property, the expansion, redevelopment or reuse of which may be complicated by the presence of or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 04/08/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/09/2021	Telephone: 225-219-3167
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 06/28/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

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

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/15/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/16/2021	Telephone: 202-566-2777
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 06/10/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 03/24/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/25/2021	Telephone: 225-219-3181
Date Made Active in Reports: 06/16/2021	Last EDR Contact: 06/15/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/20/2021
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: No Update Planned

#### 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

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/13/2021
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/20/2021
Number of Days to Update: 176	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 05/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Lab

A list of residential real properties that have been reported as potentially contaminated.

Date of Government Version: 02/23/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/24/2021	Telephone: 225-219-5337
Date Made Active in Reports: 05/17/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Semi-Annually

### DEL SHWS: Deleted Potential & Confirmed Sites

A listing of sites removed from the Potential and Confirmed Listing.

Date of Government Version: 04/08/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/09/2021	Telephone: 225-219-3168
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 06/28/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Quarterly

### PFAS: Per- and Polyfluoroalkyl Substances (PFAS) Data

Site locations where pfas contamination, that have impacted to soil and groundwater have been confirmed.

Date of Government Version: 04/28/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/29/2021	Telephone: 225-219-3168
Date Made Active in Reports: 07/16/2021	Last EDR Contact: 04/28/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Land Records**

### LIENS: Environmental Liens

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC ? 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition.

Date of Government Version: 04/08/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/08/2021	Telephone: N/A
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 07/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2021	Telephone: 202-564-6023
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/22/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/24/2021	Telephone: 202-366-4555
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

### SPILLS: Emergency Response Section Incidents

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

Date of Government Version: 02/12/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/12/2021	Telephone: 225-219-3620
Date Made Active in Reports: 05/06/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/30/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 214-665-6444
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## 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: 02/11/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/30/2021
	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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/13/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/09/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/18/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/21/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: No Update Planned

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 05/07/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## 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: 12/31/2016  
Date Data Arrived at EDR: 06/17/2020  
Date Made Active in Reports: 09/10/2020  
Number of Days to Update: 85

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Every 4 Years

## 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: 12/31/2018  
Date Data Arrived at EDR: 08/14/2020  
Date Made Active in Reports: 11/04/2020  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 05/17/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Annually

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/19/2021  
Date Data Arrived at EDR: 04/20/2021  
Date Made Active in Reports: 07/16/2021  
Number of Days to Update: 87

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/19/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Annually

## 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: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021  
Date Data Arrived at EDR: 02/18/2021  
Date Made Active in Reports: 05/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/14/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## 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  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/05/2021  
Number of Days to Update: 50

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2020  
Date Data Arrived at EDR: 01/08/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 73

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 07/09/2021  
Next Scheduled EDR Contact: 10/18/2021  
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: 11/18/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: No Update Planned

**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: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

## 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: 03/08/2021  
Date Data Arrived at EDR: 03/11/2021  
Date Made Active in Reports: 05/11/2021  
Number of Days to Update: 61

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 07/14/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 12/01/2020  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 70

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 05/27/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2017  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 11/11/2019  
Number of Days to Update: 251

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 05/27/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019  
Date Data Arrived at EDR: 11/06/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 96

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 05/07/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 06/22/2021  
Next Scheduled EDR Contact: 10/11/2021  
Data Release Frequency: No Update Planned

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 06/30/2021	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/14/2021	Telephone: Varies
Date Made Active in Reports: 07/16/2021	Last EDR Contact: 07/02/2021
Number of Days to Update: 2	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

## 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.

Date of Government Version: 12/31/2017	Source: EPA/NTIS
Date Data Arrived at EDR: 06/22/2020	Telephone: 800-424-9346
Date Made Active in Reports: 11/20/2020	Last EDR Contact: 06/21/2021
Number of Days to Update: 151	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Biennially

## 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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/02/2021
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 04/28/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies

## 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: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/21/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2021	Telephone: 703-603-8787
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: No Update Planned

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: No Update Planned

## US 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: 02/01/2021	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/24/2021	Telephone: 303-231-5959
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021	Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 05/27/2021	Telephone: 202-693-9424
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 07/01/2021
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 05/27/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/27/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/23/2021	Source: Department of Interior
Date Data Arrived at EDR: 03/25/2021	Telephone: 202-208-2609
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/14/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## 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: 02/03/2021	Source: EPA
Date Data Arrived at EDR: 03/03/2021	Telephone: (214) 665-2200
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/06/2021	Telephone: 202-564-2280
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 07/01/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 07/07/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/17/2020  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## AIRS: Air Permit List

A listing of facilities with air permits issued by the Air Permits Division

Date of Government Version: 01/08/2021  
Date Data Arrived at EDR: 02/09/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 85

Source: Department of Environmental Quality  
Telephone: 225-219-3417  
Last EDR Contact: 05/05/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## ASBESTOS: Asbestos Projects List

Asbestos demolition and renovation notification projects locations in the state.

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 04/13/2021  
Date Made Active in Reports: 06/30/2021  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 07/07/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Sites

A listing of coal ash impoundments.

Date of Government Version: 04/10/2018  
Date Data Arrived at EDR: 04/12/2018  
Date Made Active in Reports: 04/26/2018  
Number of Days to Update: 14

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities.

Date of Government Version: 04/05/2021  
Date Data Arrived at EDR: 04/06/2021  
Date Made Active in Reports: 06/23/2021  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 07/07/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 04/16/2021  
Date Data Arrived at EDR: 04/21/2021  
Date Made Active in Reports: 07/08/2021  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 07/14/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 04/16/2021  
Date Data Arrived at EDR: 04/21/2021  
Date Made Active in Reports: 07/08/2021  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 07/14/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## NPDES: LPDES Permits Database

A listing of sites with a Louisiana Pollutant Discharge Elimination System (LPDES) program issued permit.

Date of Government Version: 04/16/2021  
Date Data Arrived at EDR: 04/21/2021  
Date Made Active in Reports: 07/09/2021  
Number of Days to Update: 79

Source: Department of Environmental Quality  
Telephone: 225-219-3181  
Last EDR Contact: 07/14/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## REM: Division of Remediation Services Database

Facilities or sites come to the Underground Storage Tank and Remediation Division either through self notification or referral. These sites are designated for remediation via the following regulatory paths: Solid Waste (SW), Hazardous Waste (Haz Waste), Groundwater (Grwater), Inactive & Abandoned Sites (Confirmed or Potential), or Underground Storage Tanks (UST).

Date of Government Version: 06/28/2021  
Date Data Arrived at EDR: 07/01/2021  
Date Made Active in Reports: 07/02/2021  
Number of Days to Update: 1

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 06/28/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Quarterly

## UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 02/02/2021  
Date Data Arrived at EDR: 02/24/2021  
Date Made Active in Reports: 05/17/2021  
Number of Days to Update: 82

Source: Department of Natural Resources  
Telephone: 225-342-5515  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 05/27/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS 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.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 06/30/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 06/30/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: No Update Planned

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/30/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: No Update Planned

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: 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  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/15/2014  
Number of Days to Update: 198

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## 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: 10/05/2020  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/01/2019  
Date Data Arrived at EDR: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/07/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**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.

## 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### STREET AND ADDRESS INFORMATION

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# **INTERVIEW DOCUMENTATION**

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**X3. User Questionnaire**

In order to qualify for one of the Landowner Liability Protections (LLPs)<sup>35</sup> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “*Brownfields Amendments*”),<sup>36</sup> the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete.

User: North Louisiana Economic Partnership (NLEP)  
Address: Roy Hoppy Hopkins Dr. Vivian, LA 71082 Phone: (318) 677- 2512  
Subject Property: Ward II Industrial Park

**1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?  
As per the Phase I ESA conducted by Alliance Inc. in December 2010, the owner is not aware of any environmental liens filed or recorded against the site.  
\_\_\_\_\_  
\_\_\_\_\_

**2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded?  
There is no zoning at the site. However, the industrial park is intended for industrial manufacturing and distribution. There are industrial park covenants that indicate height restrictions (45 ft.) and minimum set-backs.  
\_\_\_\_\_  
\_\_\_\_\_

**3. Specialized knowledge or experience of the person seeking to qualify of rthe LLP (40 CFR 312.28).**

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used in this type of business?  
No, this park is owned by two public entities - Ward II Industrial Development Corporation and the Caddo Parish Commission. Neither property owner is engaged in business that provides specialized knowledge of chemicals and processes used by neighboring parcels.  
\_\_\_\_\_  
\_\_\_\_\_

**4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  
The purchase price is commensurate with fair market value of the property. The purpose of this industrial park is to generate jobs within a rural community. Any change in the purchase price would be intended to secure well-paid jobs, not because of a known contaminant.  
\_\_\_\_\_  
\_\_\_\_\_

**5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of released or threatened releases? For example, as user,

- a) Do you know the past uses of the property?
- b) Do you know of specific chemicals that are present or once were present at the property?
- c) Do you know of spills or other chemical releases that have taken place at the property?
- d) Do you know of any environmental cleanups that have taken place at the property?

a) Conveyance Records of Caddo Parish, LA were examined for the surface ownership of the subject property. Recent past owners have been Lakeway Development, Barrow Health, and Texaco.

b) No

c) No

d) No

**6. The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination?

No

**I. Additional information required:**

Reason for Phase I ESA:

Utilize this information to help market Ward II Industrial Park as a viable location for manufacturers and distributors

Type of property and type of property transaction (sale, purchase, exchange, ect.)

Sale

Complete Property Address:

Roy Hoppy Hopkins Dr. Vivian, LA 71082

Any scope of services required beyond those outlined in ASTM E 1527 05:

No

Identification of all parties who will rely on the Phase I report:

Ward II Industrial Development Corporation, Caddo Parish Commission, North Louisiana Economic Partnership

Site Contact and contact information:

James LaCaze, President, Ward II Industrial Development Corporation (318.470.8791 or info@caddoward2industrialpark.com )

Special Terms and/or conditions:

Any other knowledge, experience or reports that may be pertinent to the environmental professional:

There was a Phase I ESA completed in December 2010 by Alliance Inc. Additional due diligence can be downloaded from this URL:

<https://buildingsandsites.com/nlep/Property/Detail/3371/Ward-II-Industrial-Park>

Signature:

*Justin B Dixon*  
Justin B Dixon  
President NLEP

Date:

*7/29/2021*

## **Phone Interviews:**

Our Client: North Louisiana Economic Partnership

Project # 2021-0236

Ward II Industrial Park

400 Roy Hoppy Hopkins Drive #B, Vivian, LA 71082

### **1. Fire Department**

**See response in Section 3. All public information requests are submitted to the Caddo Parish Communications manager.**

**Have you had any emergency response to this address? If yes, are you aware of any chemical or petroleum spills? See Section 3**

### **2. Health Department**

Please find a copy of the Consumer Confidence Report for the Vivian Water System, Public Water Supply ID: LA1017037, in the appendices of this report.

### **3. Emergency Management Agency**

Public Information Requests are submitted to

Krystle Beauchamp, Communications Manager for Caddo Parish

Phone: 318-226-6900

[kbeauchamp@caddo.org](mailto:kbeauchamp@caddo.org)

Have you had any emergency responses to this address, especially any instances of environmental concerns that you are aware of reported for subject property, such as petroleum spills? PH called and left a voicemail for Ms. Beauchamp on 08/23/2021 and followed up with an e-mail Public Information Request.

# **ADDITIONAL SERVICES DOCUMENTATION**

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**VIVIAN WATER SYSTEM**  
**Public Water Supply ID: LA1017037**

Consumer Confidence Report

# 2020 CCR

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**Additional Information and Electronic Copies can be found at [www.ldh.la.gov/ccr](http://www.ldh.la.gov/ccr)**

What you need to do:

Step 1: Review base report (numbered pages) for errors. If you are a surface water system, you must insert the turbidity data.

UCMR 4: If you have received data pertaining to the UCMR 4 list, that data must be included in the CCR Report. Additional information can be found at: [www.ldh.la.gov/ccr](http://www.ldh.la.gov/ccr)

Step 2: Distribute completed report to your customers as outlined on the CCR Certification of Distribution Form no later than June 30, 2021.

Step 3: A completed CCR Certification of Distribution Form including a copy of the final CCR report shall be submitted to the State at the address provided on the form no later than September 30, 2021.

Notes:

This page is not part of your CCR; it is only the instruction page. The pages that are numbered in the upper right hand corner are the report pages.

## The Water We Drink

### VIVIAN WATER SYSTEM

Public Water Supply ID: LA1017037

We are pleased to present to you the Annual Water Quality Report for the year 2020. This report is designed to inform you about the quality of your water and services we deliver to you every day (Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien). Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water source(s) are listed below:

Source Name	Source Water Type	Source Water Body Name
INTAKE JAMES BAYOU CADDO LAKE	Surface Water	CADDO LAKE

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

Microbial Contaminants - such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic Contaminants - such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and Herbicides - which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

Organic Chemical Contaminants - including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

Radioactive Contaminants - which can be naturally-occurring or be the result of oil and gas production and mining activities.

A Source Water Assessment Plan (SWAP) is now available from our office. This plan is an assessment of a delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources. According to the Source Water Assessment Plan, our water system had a susceptibility rating of 'HIGH'. If you would like to review the Source Water Assessment Plan, please feel free to contact our office.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health. We want our valued customers to be informed about their water utility. If you have any questions about this report, want to attend any scheduled meetings, or simply want to learn more about your drinking water, please contact RONNIE FESTERVAN at 318-375-3856.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. VIVIAN WATER SYSTEM is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

The Louisiana Department of Health routinely monitors for constituents in your drinking water according to Federal and State laws. The tables that follow show the results of our monitoring during the period of January 1st to December 31st, 2020. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/L) – one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/L) – one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) – picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU) – nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Treatment Technique (TT) – an enforceable procedure or level of technological performance which public water systems must follow to ensure control of a contaminant.

Action level (AL) – the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum contaminant level (MCL) – the “Maximum Allowed” MCL is the highest level of a contaminant that is allowed in drinking water. MCL’s are set as close to the MCLG’s as feasible using the best available treatment technology.

Maximum contaminant level goal (MCLG) – the “Goal” is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLG’s allow for a margin of safety.

Maximum residual disinfectant level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum residual disinfectant level goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Level 1 assessment – A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment – A very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

During the period covered by this report we had below noted violations of drinking water regulations.

Compliance Period	Analyte	Type
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No Violations Occurred in the Calendar Year of 2020
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Our water system tested a minimum of 4 samples per month in accordance with the Total Coliform Rule for microbiological contaminants. With the microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbial growth.

Disinfectant	Date	Highest RAA	Unit	Range	MRDL	MRDLG	Typical Source
CHLORAMINE	2020	1.7	ppm	0.57 - 3.21	4	4	Water additive used to control microbes.

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2020							

Radionuclides	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
GROSS BETA PARTICLE ACTIVITY	2/11/2020	2.3	2.3	pCi/l	50	0	Decay of natural and man-made deposits. Note: The gross beta particle activity MCL is 4 millirems/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level.

Lead and Copper	Date	90 <sup>TH</sup> Percentile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2017 - 2019	0.1	0 - 0.3	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2017 - 2019	3	0 - 4	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	959 S PINE ST	2020	58	40 - 122.2	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	HOSSTON RD	2020	56	39.5 - 123	ppb	60	0	By-product of drinking water disinfection
TTHM	959 S PINE ST	2020	38	18.7 - 48.5	ppb	80	0	By-product of drinking water chlorination
TTHM	HOSSTON RD	2020	41	18.2 - 47.5	ppb	80	0	By-product of drinking water chlorination



Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
ALUMINUM	2/11/2020	1.47	1.47	MG/L	0.2
CHLORIDE	2/11/2020	21	21	MG/L	250
IRON	2/11/2020	0.01	0.01	MG/L	0.3
MANGANESE	2/11/2020	0.03	0.03	MG/L	0.05
PH	2/11/2020	5.59	5.59	PH	8.5
SULFATE	2/11/2020	31	31	MG/L	250

### Unresolved Significant Deficiencies

+++++Environmental Protection Agency Required Health Effects Language+++++

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Additional Required Health Effects Language:

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

There are no additional required health effects violation notices.

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Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers.

We at the VIVIAN WATER SYSTEM work around the clock to provide top quality drinking water to every tap. We ask that all our customers help us protect and conserve our water sources, which are the heart of our community, our way of life, and our children's future. Please call our office if you have questions.



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Louisiana Ecological Services Field Office  
200 Dulles Drive  
Lafayette, LA 70506  
Phone: (337) 291-3100 Fax: (337) 291-3139

In Reply Refer To:  
Consultation Code: 04EL1000-2021-SLI-2562  
Event Code: 04EL1000-2021-E-07004  
Project Name: Ward II Industrial Park

September 28, 2021

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

**\*Due to the Louisiana Governor's mandatory quarantine order for the coronavirus (COVID-19), and in order to keep our staff and the public safe, we are unable to accept or respond in a timely manner to consultation request or project review/concurrence that we receive through the U.S. Mail. Please submit your request electronically to [lafayette@fws.gov](mailto:lafayette@fws.gov) or call 337-291-3100.**

The enclosed species list identifies threatened, endangered and candidate species, as well as designated and proposed critical habitat that may occur within the boundary of your proposed project and may be affected by your proposed project. The Fish and Wildlife Service (Service) is providing this list under section 7 (c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Changes in this species list may occur due to new information from updated surveys, changes in species habitat, new listed species and other factors. Because of these possible changes, feel free to contact our office (337/291-3126) for more information or assistance regarding impacts to federally listed species. The Service recommends visiting the ECOS-IPaC site or the Louisiana Ecological Services website ([www.fws.gov/lafayette](http://www.fws.gov/lafayette)) at regular intervals during project planning and implementation for updated species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the habitats upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of Federal trust resources and to determine whether projects may affect Federally listed species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected (e.g. adverse, beneficial, insignificant or discountable) by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the “Endangered Species Consultation Handbook” at <http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF> or by contacting our office at the number above.

Bald eagles have recovered and were removed from the List of Endangered and Threatened Species as of August 8, 2007. Although no longer listed, please be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668 *et seq.*). The Service developed the National Bald Eagle Management (NBEM) Guidelines to provide landowners, land managers, and others with information and recommendations to minimize potential project impacts to bald eagles, particularly where such impacts may constitute “disturbance,” which is prohibited by the BGEPA. A copy of the NBEM Guidelines is available at: <http://www.fws.gov/southeast/es/baldeagle/NationalBaldEagleManagementGuidelines.pdf>. Those guidelines recommend: (1) maintaining a specified distance between the activity and the nest (buffer area); (2) maintaining natural areas (preferably forested) between the activity and nest trees (landscape buffers); and (3) avoiding certain activities during the breeding season. On-site personnel should be informed of the possible presence of nesting bald eagles within the project boundary, and should identify, avoid, and immediately report any such nests to this office. If a bald eagle nest occurs or is discovered within or adjacent to the proposed project area, then an evaluation must be performed to determine whether the project is likely to disturb nesting bald eagles. That evaluation may be conducted on-line at: <http://www.fws.gov/southeast/es/baldeagle>. Following completion of the evaluation, that website will provide a determination of whether additional consultation is necessary. The Division of Migratory Birds for the Southeast Region of the Service (phone: 404/679-7051, e-mail: [SEmigratorybirds@fws.gov](mailto:SEmigratorybirds@fws.gov)) has the lead role in conducting any necessary consultation. Should you need further assistance interpreting the guidelines or performing an on-line project evaluation, please contact this office.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g. cellular, digital television, radio and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm> ; <http://www.towerkill.com>; and <http://fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtower.html>.

Activities that involve State-designated scenic streams and/or wetlands are regulated by the Louisiana Department of Wildlife and Fisheries and the U.S. Army Corps of Engineers, respectively. We, therefore, recommend that you contact those agencies to determine their interest in proposed projects in these areas.

Activities that would be located within a National Wildlife Refuge are regulated by the refuge staff. We, therefore, recommend that you contact them to determine their interest in proposed projects in these areas.

Additional information on Federal trust species in Louisiana can be obtained from the Louisiana Ecological Services website at: [www.fws.gov/lafayette](http://www.fws.gov/lafayette) or by calling 337/291-3100.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Louisiana Ecological Services Field Office**

200 Dulles Drive  
Lafayette, LA 70506  
(337) 291-3100

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## Project Summary

Consultation Code: 04EL1000-2021-SLI-2562

Event Code: Some(04EL1000-2021-E-07004)

Project Name: Ward II Industrial Park

Project Type: \*\* OTHER \*\*

Project Description: The project is located in Caddo Parish, Louisiana and consists of approximately 975.78 acres of predominately forested land. Additional smaller areas are in open field habitat. This site is being assessed for potential industrial use.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.838992000000005,-93.95870287687036,14z>



Counties: Caddo County, Louisiana

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## Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

### Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Threatened

### Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7614">https://ecos.fws.gov/ecp/species/7614</a>	Endangered

### Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

### Flowering Plants

NAME	STATUS
Geocarpon minimum No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7699">https://ecos.fws.gov/ecp/species/7699</a>	Threatened

## **Critical habitats**

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

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