Twitchell Technical Products, LLC, Site
Dothan, Alabama
ADEM VCP Site #: 461-069-121

Fact Sheet

A Voluntary Cleanup Program (VCP) Cleanup Plan has been found to be technically adequate by the Alabama Department of Environmental Management (ADEM) for the Twitchell Technical Products, LLC, (Twitchell) site. The site, located in Dothan, Alabama, is currently owned and operated by Twitchell. This fact sheet has been prepared to briefly advise the public of the principal legal and policy issues of the VCP.

I. VCP PROCESS

The VCP provides a mechanism for the implementation of a cleanup program that encourages applicants to voluntarily assess, remediate, and reuse rural and urban areas of actual or perceived contamination. The program does not relieve any "responsible person" of the liability for administrative, civil, or criminal fines or penalties which are otherwise authorized by law and imposed as a result of the illegal or unpermitted disposal of solid waste, hazardous waste, hazardous constituents, hazardous substances, petroleum products, and/or pollutants to the land, air, or waters of the State on an identified property. The program is designed to expedite the voluntary cleanup process and has been designed for entry at any stage of the cleanup process as long as all applicable criteria have been met up to the point of entry.

II. PROCEDURES FOR REACHING A FINAL DECISION

ADEM is proposing to issue Twitchell a final decision for the site remediation. ADEM Admin Code R. 335-15-6-.02 requires that the public be given a 30-day comment period from the date of the notice. The comment period will begin on February 26, 2019, which is the date of publication of the public notice in major local newspaper(s) of general circulation, and will end on March 28, 2019.

All persons wishing to comment on any of the conditions of the VCP Remediation should submit their comments in writing to the Alabama Department of Environmental Management, Permits and Services Division, 1400 Coliseum Blvd. (Zip 36110). P.O. Box 301463 (Zip 36130-1463) Montgomery, Alabama, ATTENTION: Mr. Russell Kelly. Written comments on the VCP activities should be submitted to the Alabama Department of Environmental Management and be received by 5:00 p.m. on March 28, 2019.

ADEM will consider all written comments received during the comment period while making a final decision on this issue. When the Department makes its final

decision, notice will be given to the applicant and each person who has submitted written comments or requested notice of the final decision.

III. FACILITY DESIGN

RPS GaiaTech (RPS) has completed site investigation activities under the VCP at the Twitchell site located at 4031 Ross Clark Circle, NW, in Dothan, Houston County, Alabama. The Twitchell facility is approximately 33.4 acres in size and is developed with a coated fabrics manufacturing facility and associated parking. Portions of the site were developed for agricultural use as early as 1948. In 1956 the Main Building and Olefin Building were developed. Additional buildings, such as the Raw Materials Warehouse, Compounding and Coating Buildings, and an Equipment Storage Shed, were added in the 1980s and 1990s. Currently, onsite operations include the dry blending, extrusion, beaming, weaving, finishing, olefin production, and coating of fabrics. It is expected that this Site will continue to operate as a coated fabrics manufacturing facility. Phase I and Phase II Environmental Site Assessments were conducted in 2015. After acceptance into ADEM's VCP, RPS conducted a Preliminary Investigation and Comprehensive Investigation which revealed elevated volatile organic compounds in groundwater that are expected to be the result of a historical release of chlorinated solvents from onsite activities. The use of these solvents ceased in the late 1980s/early 1990s. Extensive horizontal and vertical delineation have been completed onsite to determine the full extent of contamination. The various assessment activities have included the collection of soil, groundwater, sediments, and soil gas data which were then used to conduct a risk evaluation. Based on those results, the cleanup plan proposes that placing an environmental covenant with institutional controls on the Site will address the elevated concentrations of volatile organic compounds in onsite groundwater. The Site will have a restriction on groundwater for potable or irrigation purposes and a restriction to commercial or industrial use only. These controls will be used to eliminate or minimize potential exposures associated with future use and/or development.

IV. TECHNICAL CONTACT

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SUPPLEMENTAL VOLUNTARY CLEAN UP PRELIMINARY AND COMPREHENSIVE INVESTIGATION REPORT

TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE | DOTHAN, HOUSTON COUNTY, ALABAMA
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DOCUMENT PREPARED FOR:

TWITCHELL TECHNICAL PRODUCTS, LLC
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DOCUMENT PRESENTED TO:

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
REDEVELOPMENT SECTION – LAND DIVISION
1400 COLISEUM BOULEVARD
MONTGOMERY, ALABAMA 36110-2400

OCTOBER 2018

THE INFORMATION CONTAINED IN THIS REPORT TITLED

VOLUNTARY CLEANUP PRELIMINARY AND COMPREHENSIVE INVESTIGATION REPORT
TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE | DOTHAN, HOUSTON COUNTY, ALABAMA
IS INTENDED FOR THE USE OF
TWITCHELL TECHNICAL PRODUCTS, LLC, ITS DESIGNEES
AND THE ALABAMA DEPARTMENT OF ENVIRONMENAL MANAGEMENT

Project No. 168904

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ACRONYMS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane
1,2,4-TMB	1,2,4-Trimethylbenzene
ADEM	Alabama Department of Environmental Management
AEIRG	Alabama Environmental Investigation and Remediation Guidance
ARBCA	Alabama Risk-Based Corrective Action Guidance Manual
AST	Aboveground Storage Tank
bgs	Below Ground Surface
bls	Below Land Surface
btoc	Below Top of Casing
CDTSC	California Department of Toxic Substances Control
CI	Comprehensive Investigation
COCs	Chemicals of Concern
COPCs	Chemicals of Potential Concern
CR	Cancer Risk
CSM	Conceptual Site Model
DAF	Dilution Attenuation Factor
DRO	Diesel Range Organics
ED	Exposure Domains
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
HI	Hazard Index
HSA	Hollow Stem Auger
IDW	Investigation Derived Waste
Koc	Organic Carbon-Water Partitioning Coefficient
MCL	Maximum Contaminant Levels
MDL	Laboratory Method Detection Limits
mg/kg	Milligrams per Kilogram (same as ppm)
MSL	Mean Sea Level
NFA	No Further Action
NPDWR	National Primary Drinking Water Regulations
NWI	National Wetlands Inventory
OLEM	Office of Land and Emergency Management
ORO	Oil Range Organics
PA DEP	Pennsylvania Department of Environmental Protection
PAHs	Polynuclear Aromatic Hydrocarbons
PCE	Tetrachloroethene
PID	Preliminary Investigation
PI	Photoionization Detector
POE	Point of Exposure
ppb	Parts per Billion
ppm	Parts per Million
PRM-1	Preliminary Risk Management-1
RM-2	Risk Management-2

PVC	Polyvinyl Chloride
PWS	Public Water Supply
QD	Quick Domenico
QA/QC	Quality Assurance/Quality Control
RBSLs	Risk Based Screening Levels
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RM-1	Risk Management-1
RSLs	Regional Screening Levels
SESD	Science and Ecosystem Support Division
SVOCs	Semi-Volatile Organic Compounds or Constituents
SI	Supplemental Investigation
TCR	Target Cancer Risk
THI	Target Hazard Index
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons
µg/L	Micrograms per Liter (same as ppb)
$\mu g/m^3$	Micrograms per Cubic Meter
UCL	Upper Confidence Limit
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tanks
VCP	Voluntary Cleanup Program
VISL	Vapor Intrusion Screening Level
VOCs	Volatile Organic Compounds
Vppm	Volumetric Parts per Million

1 INTRODUCTION

On behalf of Twitchell Technical Products, Inc. (Twitchell), RPS Group, Inc. (RPS) is submitting this supplemental report detailing a Preliminary Investigation (PI), Comprehensive Investigation (CI), a Supplemental Investigation, and a Risk Management-2 (RM-2) evaluation for the Twitchell facility located at 4031 Ross Clark Circle in Dothan, Alabama (hereinafter referred to as the "Site"). This Report will serve as a Voluntary Property Assessment Report.

Phase I and II Environmental Site Assessments (ESAs) were conducted in 2015 by Terracon Consultants Inc. as part of acquisition of the Site by Twitchell Holdco, LLC from Twitchell Technical Products, LLC. Site investigations identified elevated 1,1-Dichloroethene (1,1-DCE) concentrations in a limited area of the shallow groundwater. The detection exceeded the United States Environmental Protection Agency's (USEPA) National Primary Drinking Water Regulations (NPDWR) Maximum Contaminant Level (MCL) for drinking water. In response to the 1,1-DCE detection, Twitchell submitted an application to the Alabama Department of Environmental Management (ADEM) Voluntary Cleanup Program (VCP) on August 25, 2015 (VCP 461-069-121). The application was accepted by ADEM on October 19, 2015.

Following acceptance into the VCP, the PI was conducted in November 2015 to evaluate Site environmental conditions. The PI identified 1,1-Dichloroethane (1,1-DCA) and 1,1-DCE at concentrations above their respective Regional Screening Levels (RSLs) in one monitoring well. The subsequent CI included multiple investigations in 2016 and 2017 to obtain adequate data to: (i) delineate the lateral and vertical extent of soil and groundwater contamination; (ii) develop a Conceptual Site Model (CSM) depicting exposure pathways; (iii) perform a preliminary risk management-1 (PRM-1) evaluation; and (iv) evaluate initial response actions. A RSL evaluation of the PI and CI results identified several volatile organic compounds (VOCs) as Chemicals of Concern (COCs) in groundwater, indoor air, and outdoor air, generally located beneath portions of the Olefin building, the Main Mill building, and the parking lot east of the Olefin building. Twitchell submitted the results and findings of the PI, CI, and PRM-1 to ADEM in the Voluntary Clean Up Preliminary and Comprehensive Investigation Report, dated October 2017 (the "2017 VCP Report"). ADEM reviewed the 2017 VCP Report and provided commentary, including adjustments to the PRM-1 evaluation, in an email dated March 5, 2018. Twitchell amended the PRM-1 evaluation to incorporate the ADEM recommendations. Twitchell is submitting this *Supplemental Voluntary Clean Up Preliminary and Comprehensive Investigation Report* to include SI activities conducted at the Site since submitting the 2017 VCP Report and to include the amended PRM-1 evaluation (hereinafter referred to as "Risk Management-2 [RM-2]) based on ADEM March 2018 recommendations and SI findings. A majority of the supplemental information is provided in **Section 8** and **Section 9** of this report. This report is organized into sections as follows:

- Section 2 presents background information;
- Section 3 presents the Site and regional environmental setting;
- Section 4 summarizes previous investigations;
- Section 5 summarizes the PI;
- Section 6 summarizes the CI;
- Section 7 presents the CSM;
- Section 8 summarizes the SI;
- Section 9 presents the RM-2 evaluation;
- Section 10 presents conclusions and recommendations; and
- Section 11 includes a list of references.

1.1 SCOPE AND OBJECTIVES

The purpose of this report is to outline the scope and results from the PI and CI activities. The PI was conducted to gain information about the Site, confirm or rule out a release of Chemicals of Potential Concern (COPCs) has occurred, and to evaluate what potential receptors exist in the area and associated risk from COPCs. A CI was conducted after the PI to address data gaps of horizontal and vertical extent of the COPCs and to conduct a risk-based evaluation of Site conditions for COC determination.

1.2 SITE CHRONOLOGY OF EVENTS

- 1956 – Historical ownership of the Site prior is not available.
- 1956 – Borg Warner assumed ownership of the Site.
- 1981 – Ludlow Coated Products acquired Twitchell and operated as a coated fabrics manufacturing facility. Additional buildings were added in the 1980s and 1990s. Historical operations and building descriptions are detailed in Section 2.0.
- 1982 – Purchase of the Site by Tyco International.
- 1989 – Closure of two former diesel USTs (10,000-gallon and a 5,000-gallon single-walled, steel) installed in 1956 through ADEM (January 25, 1989), located immediately adjacent to the southeastern corner of the Olefin Building.
- Late 1980/Early 1990 - Use of chlorinated solvents ceased when less hazardous materials were selected for cleaning purposes.
- 1998 – Purchase of the Site by Capital Partners.
- 2000 – Purchase of the Site by Windpoint Partners in September.
- 2004 –Sampling was conducted on shallow soils in the drainage ditch located west of the Main Mill building. This area formerly received discharges from interior floor drains. Soil analysis included arsenic, barium, cadmium, chromium, lead, selenium, and silver. In 2004, at the time the floor drains were capped soils were sampled in two locations at two depths each. The analytes evaluated were limited to metals only and did not include petroleum or chlorinated VOCs.
- A *Phase I Environmental Site Assessment (ESA) and Limited Compliance Review (LCR) of the Twitchell Corporation facility in Dothan, Alabama*, was prepared by URS Corporation (URS) for Twitchell in 2011.
- 2011 – Purchase of the Site by Twitchell Technical Products, LLC.
- 2015 – Purchase of the Site by Twitchell Holdco, LLC in July. As part of the transaction a *Phase I ESA of Twitchell Technical Products in Dothan, Alabama*, was prepared by Terracon Consultants, Inc. in May 2015 followed by a Limited Site Investigation conducted by Terracon on June 8, 2015
- 2015 – PI conducted by RPS in November 2015.
- April 2016 – CI groundwater delineation and indoor air investigation.
- 2016/2017 – Multiple groundwater delineation activities as part of the CI conducted in August 2016, December 2016, and May 2017.
- 2017 – Twitchell submitted to ADEM the *Voluntary Clean Up Preliminary and Comprehensive Investigation Report*, dated October 2017.
- 2018 – Horizontal and vertical groundwater delineation activities, excavation of former drainage ditch, and updates to the RM-2 evaluation based on ADEM comments.

2 SITE DESCRIPTION AND HISTORY

The Site is located at 4031 Ross Clark Circle, NW, Dothan, Houston County, AL and is situated on approximately 33.4 acres. Geographically, the Site is situated at latitude 31º15'18.12" N and longitude 85º24'03.09" W. The Site's Tax Parcel Number is 38 09 01 11 1 000 001.000. The location of the Site is depicted in **Figure 1 – Site Location Map** and the Site's property boundaries, building configurations, landscaped areas, former features, and other improvements is depicted in **Figure 2 - Site Layout Map**.

The Site is currently owned by Twitchell Holdco, LLC which purchased the Site from Twitchell Technical Products LLC in 2015. Primary operations consist of coated fabric manufacturing, testing, and distribution. The facility employs 300 individuals, of which the majority are manufacturing workers. The property has been developed with six buildings including:

- **Main Mill Building** – The Main Mill building was built the mid-1950's and totals approximately 199,871-square feet. The building houses offices and manufacturing processes including coloring, yarn extrusion, knitting, beaming, finishing, and weaving. This building housed a majority of the historical manufacturing equipment, and although the details of chlorinated solvent use at the site is unknown, chlorinated solvents were most likely used in the Main Mill, discussed further in Section 2.2.
- **Samples Area/Olefin Building -** The Olefin building was also constructed in the mid-1950's and totals approximately 49,400-square feet. The Olefin building houses processes including olefin, maintenance, quality control, sample storage, and a tool crib. RPS has no record of the historic piping layout and use of chlorinated solvents in this building.
- **Raw Materials Warehouse** – The Raw Materials Warehouse was constructed in 1981 and totals approximately 33,000-square feet. The Raw Materials Warehouse is utilized to receive and store raw goods to be utilized in the facility's production process.
- **Compounding Building** – The Compounding Building was built in 1987 and totals approximately 2,450-square feet. The Compounding Building serves to process and compound the raw material from the Raw Materials Storage Warehouse.
- **Coatings Building** – The Coatings Building was built in the mid-1990's and totals approximately 49,415-square feet. The Coatings Building houses the non-woven coating process and additional warehouse space.
- **Equipment Storage Shed** – The Equipment Storage Shed was built in 1992 and totals 2,400-square feet. The structure is not serviced by electricity and serves as storage for retired and obsolete equipment from the Site manufacturing processes.

The Site restricts access to the back side of its property. A gate crosses Twitchell road at the south east corner of the Main Mill Building. The gate permits entry to the backside of the Site. The gate remains open between 5 am and 8 pm and is closed in between these hours monitored by security guards. The back side of the property is bounded to the east and north by a fence. Access to the back is restricted by buildings, railroads, fencing, and dense woods.

2.1 PRESENT LAND AND MATERIAL USE

Twitchell produces various woven fibers and fabrics for commercial and consumer-based customers. Facility processes initiate from stored materials in the Raw Materials Warehouse Building. Current manufacturing processes include compounding, dry blend, extrusion, beaming, weaving, finishing, olefin production, and coating. Operations begin with the Dry Blend department where color concentrates are added to the compound produced by the compounding department. The extrusion department takes the color compound produced by Dry Blend and extrudes a thin coating over polyester yarn. The Beaming department takes the tubes of yarn made in Extrusion and puts them on creels. The creels are then attached to the beaming machines. Once a beam is made, it is transported to the Weaving department. The Weaving

department takes the beam that has been made and pulls the warp through the machine. Once the fabric is woven, it is transported to the Finishing department. There are two finishing ranges located in the finishing department. In addition to polyvinyl chloride (PVC) coated polyester fabrics, Twitchell also produces a polypropylene fiber fabric. The Coating department receives non-woven materials, and extrusion coats the material with one of the following resins: polypropylene, polyethylene, polyurethane, or polyester. An Extrusion Coating Line was added to the Coating Building in 2014.

Materials located in the warehouse include polyester yarn, polypropylene resin, polyethylene resin, biocide, lubricant, calcium carbonate, PVC color concentrates, polypropylene color concentrates, and packaging materials. Materials located in the compounding area include PVC resin, plasticizer, heat stabilizer, lubricant, biocide, UV stabilizer, calcium carbonate, and flame retardants. The Site contains an aggregate of approximately 13,000 gallons of oil and petroleum found in several tanks, drums, and containers of assorted sizes used in the manufacturing process. Drums and totes of oils are generally stored inside Site buildings that provide secondary containment.

2.1.1 Hazardous Waste Generation, Storage, and Disposal

The Twitchell Technical Products facility is listed as a RCRA – Conditionally Exempt Small Quantity Generator since 1998 (EPA ID#ALD983172297). Hazardous wastes generated include arsenic, barium, lead, and non-halogenated solvents. Lead acid batteries are returned to Interstate Batteries for core charge refund under the 40 CFR 266 program. Sealed lead acid and remaining batteries are also returned to Interstate.

2.1.2 Non-Hazardous Waste Generation, Storage, and Disposal

Non-hazardous wastes generated at the facility consists of office-type waste (office paper, general packaging, and restroom wastepaper) and manufacturing waste (selvedges, off-specification product, and other wastes from the manufacturing process). Solid waste (office waste and manufacturing waste) is compacted in two solid waste disposal compactors, collected in five solid waste dumpsters, and removed by Waste Management. One solid waste dumpster is designated for cardboard where it is sent to three cardboard balers and removed by Waste Management.

The facility is a generator of used oil from the facility maintenance operations under 40 CFR 279. The used oil is stored in a dedicated 300-gallon tote inside a containment area. The used oil is shipped offsite for recycling on an as needed basis. The facility reports it's used oil generator status annually to ADEM on the hazardous waste update form.

2.1.3 Above Ground Storage Tanks

The facility is identified on the Alabama Aboveground Storage Tank (AST) list with Five ASTs located west of the Compounding Building and within concrete secondary containment berms. The ASTs include two 5,000-gallon tanks installed in approximately 1987, one 10,000-gallon tank installed in approximately 1987, and two 10,000-gallon tanks installed in approximately 1993. The 5,000-gallon tanks contain plasticizer, and the three 10,000-gallon tanks contain a heat stabilizer identified as Akcrostab LT-4803 (Master Batch).

Ten silos are in outdoor areas at the Site. Five additional silos are in the Compounding Building and store raw materials used in the compounding process. Two PVC resin silos are located west of the Compounding Building and contain PVC resins. Two polypropylene resin silos are located adjacent to the southeastern corner of the Coating Building, and one polypropylene resin silo is located adjacent to the exterior breezeway on the northern side of the main mill building. One empty silo is located on the southeastern corner of the Compounding Building, between the Compounding Building and the Main Mill Building.

Four silos are located on the west side of the Coating Building and contain polypropylene and polyethylene. Staining and/or releases were not observed near the silos during the Site reconnaissance.

2.1.4 Underground Storage Tanks

There are no active underground storage tanks (USTs) at the Site.

2.2 HISTORIC LAND AND MATERIAL USE

Historical operations and features are available back to 1948. Aerial photographs indicate that the Site and surrounding area was initially agricultural land. Twitchell developed the Site with the Main Mill Building and the Olefin Building 1956. According to information provided by Site personnel, the subject property was initially developed with the Site manufacturing building in 1954. The facility initially produced knitted papers and began producing PVC coated yarns in the late 1960s and early 1970s. Paper treatment at Site included the twisting and weaving of coated papers, utilizing a beef-tallow based lubricant. The paper weaving operations moved to Mexico in the 1990s.

2.2.1 Historic Chlorinated Solvent Use

Chlorinated solvents have reportedly been used at the Site in the past to clean the looms. The use of chlorinated solvents ceased in the late 1980s or early 1990s and was phased out when less hazardous materials were selected for cleaning purposes. Specific details regarding the storage and disposal practices of historic hazardous waste are not available. Findings from the PI and CI indicate the chlorinated solvent use at the site was 1,1,1-Trichloroethane (1,1,1-TCA). This finding is summarized in Section 6.3 of this report.

2.2.2 Former Underground Storage Tanks

Two single-walled, steel, diesel fuel USTs were installed in the mid-1950s as part of the original development of the Site. One tank had a capacity of 10,000-gallons and the other had a capacity of 5,000-gallon. The tanks were adjacent to one another approximately 50-feet north of the northeast corner of the original Main Mill Building. The 10,000-gallon UST was removed in 1989 and the 5,000-gallon UST was closed in place in 1990. The former UST locations are depicted on **Figure 2** and discussed further in Section 5.

2.2.3 Former Septic System

The former septic system was installed in the mid-1950s as part of the original development of the Site. It was connected to the waste water drainage system of the original Main Mill Building. The septic system was composed of a dry well, an underground settling tank, and a leach field. The system was located approximately 50-feet north of the north wall of the original Main Mill Building. The system is no longer in use and wastewater is sent to the local municipality. The former septic system is depicted in **Figure 2** and discussed further in Section 5.

2.3 SURROUNDING LAND USE

The area in the immediate vicinity of the Site is primarily developed with industrial and commercial properties. The nearest residential development is approximately 1,800 ft. to the southwest. The following surrounding property and area observations are noted:

- **North** – Murray Road is situated to the North of the Site followed by Panhandle Converter Recycler, a vacant lot, Ansell Health Care, Inc., ITS Products Inc., Former Bobcat, and the Former

Rexel Southern. Consolidated Electrical Contractors is northeast of the Site. To the northwest of the Site is Dothan Overhead Door;

- **South** – An unpaved road connecting Twitchell Road to an electrical substation is situated south of the Site followed by Ross Clark Circle, the Former A & D Automotive, Dothan Chrysler Dodge Jeep Ram, and Stokes Floor Covering. To the southeast of the Site is Holiday Inn Express & Suites;
- **East** – Twitchell Road is situated to the east of the Site followed by Tony's Service center/Budget Truck Repair, Coleman American Moving Services, City of Dothan water well, Jackson's Trophies, and Media Mechanical;
- **West** – An electrical substation is located on the southwest corner of the western property boundary. Seaboard Coast Line Railroad track is also situated in a north-south orientation to the west with a rail spur feeding the Site. Argo's USA Corp is past the railroad track to the west. A wet weather drainage ditch is also situated west with wooded and commercial/industrial developments beyond.

2.4 FUTURE LAND USE

There are no foreseeable changes to the future land use and operations at the Site. Manufacturing of woven fibers and fabrics will continue for the indefinite future utilizing current operational procedures that are protective of human health and the environment.

3 ENVIRONMENTAL SETTING

The following sections summarize the regional and Site-specific geologic and hydrogeologic characteristics as evaluated through literature research and/or a direct evaluation of soil and/or groundwater data obtained during subsurface assessment activities conducted at the Site.

3.1 HYDROLOGY

3.1.1 Regional Hydrology

A review of topographic maps shows Rock Creek as the nearest annually wet surface water body. Rock Creek is approximately 1,600 feet to the east and flows to the north for approximately a mile before continuing to the west where it eventually drains to the Choctawhatchee River.

3.1.2 Site Hydrology

A survey for vertical and horizontal control of the PI monitoring wells, conducted by Polyengineering, Inc. of Dothan, Alabama, indicates the Site ranges in elevation from approximately 330 feet above mean sea level (msl) at the southeast corner of the Site to approximately 300 feet msl at the northwest corner of the Site. The highest portion of the Site is the southern property boundary, bounded by the Ross Clark Circle road which is raised above the Site by approximately 5-feet to 15-feet. Although no surface water has been identified at the Site, the topographical slope is towards an intermittent creek and a drainage ditch along the railroad tracks that traverses the western property boundary. The wet weather drainage ditch is depicted on the topographic maps to traverse the subject property, flowing to the northwest toward Rock Creek. The drainage ditch extends from the subject property to alongside the railroad tracks. Properties near the Site appear to slope away from the southeast to the northwest.

3.1.3 Wetlands and Floodplains

A review of Federal Emergency Management Agency (FEMA) Flood Zone Data and the U.S. Fish and Wildlife Service National Wetlands Inventory (NWI) indicated no wetland areas within 1 mile of the subject property. The subject property is in Zone X, outside of the 100- and 500-year flood zones. This information is provided in **Appendix A – Previous Reports** (Terracon Phase I ESA, May 2015).

3.2 GEOLOGY

3.2.1 Regional Geology

The subject property is situated within the Dougherty Plain Level IV Ecoregion of the Southeastern Plain Level III Ecoregion of the East Gulf Coastal Plain physiographic region. The Dougherty Plain district is a flatland slightly tilted to the south and underlain by residual material from the weathering of limestone, sand, and clay. It runs from just east of Monroeville, Conecuh County, east-southeast for about 100 miles to the Alabama-Florida-Georgia border. It widens to about 25 miles in Covington and Houston Counties. Elevations are between 300 and 350 feet along its boundary with the Southern Pine Hills district and as low as 160 feet in Houston County.

3.2.2 Site Geology

Based on the United States Department of Agriculture (USDA) Web Soil Survey for Houston Counties, Alabama (2006), the soils of the property are classified as containing over 90% Urban Land-Dothan Complex with 0 to 5 percent slopes. The Site soils are well drained, not flooded or ponded, and do not meet hydric criteria. Based on the Geological Survey of Alabama Special Map 220 (1988), Site soils are

white to moderate-reddish-orange, locally mottled, sandy clay, and residual clay with scattered layers of gravelly medium to course sand, fossiliferous chert and limestone boulders and limonitic sand masses. The soils are derived in the Jackson Group and Oligocene Series and slumping of Pliocene and Miocene sediments.

Based on observations in the field, the Site is overlain by approximately 50% vegetated unconsolidated material primarily located around the outskirts of the property and a 50% mixture of asphalt and cement building foundations located centrally within the property. Beneath the surface material is a layer of brown silts and fine sands to approximately 4-feet below ground surface (bgs) followed by a layer of very dense red and white sand, silt, and clay mixture to depths ranging from 15 to 30-feet bgs. The red and white sand, silt, and clay transitions to clayey sand with thin discontinuous layers of white fat clay to depths ranging from 74 to 87-feet bgs. Past the white sandy clay layer is a white to yellow fat clay layer to approximately 95-feet bgs that ranges between 7 and 21-feet thick. The yellow fat clay layer is considered a confining unit separating the surficial and deep aquifer. Evidence that the surficial and deep aquifer are separated includes significant differences between the water level and water quality measurements of the Site's deep monitoring well, MW-17D and the Site's surficial monitoring wells. Below the fat clay is brown gravelly sand which extends deeper than the deepest Site well MW-17D to approximately 144-feet bgs according to the installation log of the off-site northeast adjacent Public Water Supply Well #15 (PWS #15). PWS #15 is further discussed in Section 3.4. The Site geology past Site investigation wells is alternating layers of limerock and sandy clay/clay to 528-feet bgs. The PWS #15 log identified a 118-feet thick layer of clay between 410-feet and 528-feet bgs. Below this is mainly sand with some limerock/limestone layers to 724-feet bgs where the boring advancement for PWS #15 stopped. Copies of the soil boring logs are included in **Appendix B – Soil Boring Logs and Monitoring Well Construction Diagrams**. The PWS #15 well installation log is provided in **Appendix C – PWS #15 Well Installation Log**. A geologic cross-section of the Site is provided in **Figure 3 – Site Geologic Cross Section.**

3.3 HYDROGEOLOGY

3.3.1 Regional Hydrogeology

The major aquifers of southeast Alabama (Area 12) are the Upper Floridan, Lisbon, Nanafalia-Clayton, and Providence-Ripley aquifers. The Upper Floridan aquifer consists mainly of the Ocala Limestone. The Lisbon aquifer consists of sand beds in the Lisbon, Tallahatta, and Hatchetigbee Formations. The Nanafalia-Clayton aquifer consists of the basal part of the Tuscahoma Sand, sand beds in the Nanafalia Formation, and sand and limestone beds in the Clayton Formation. The Providence-Ripley aquifer consists of sand beds in the Providence and Ripley Formations. Water in the Upper Floridan aquifer generally is unconfined; water in the other major aquifers is confined.

The Lisbon aquifer is the major aquifer of the Dothan area. The Lisbon Formation overlies the Tallahatta Formation and consists of massive sand, sandy clay, and sandy limestone. The Lisbon Formation weathers to massive clayey sand that caps in Henry County. The Lisbon Formation ranges in thickness from 20 feet in northern Henry County to more than 200 feet at the Alabama-Florida boarder. This aquifer is developed as a supplemental source of water at Dothan and the source for several small towns in Geneva County and southern Houston County. The aquifer is also developed in conjunction with the overlying Ocala Limestone in southern Geneva and Houston Counties for irrigation. The Site and surrounding area is within the Lisbon aquifer recharge area. A geologic cross-section of the region is provided in **Figure 4 – Regional Geologic Cross Section.**

3.3.2 Site Hydrogeology

The depth to the surficial aquifer ranges between 8-feet bgs in the northwest corner of the Site to 25-feet bgs in the southeast corner of the Site based on the most recent groundwater data collected on July 12, 2018.

The groundwater elevation is highest at MW-5 (310.39-feet mean sea level [msl]) and lowest around MW-1 (299.49-feet msl). The Site's groundwater flow direction and gradient is variable, specifically: in the southwest portion flow direction is towards the east-northeast and the gradient is comparatively steeper; in the southeast portion flow direction is towards the north and the gradient is comparatively shallow; and in the northern half flow direction fluctuates between the southwest and the southeast and the gradient is comparatively moderate to shallow. The hydraulic gradient and flow direction of groundwater within the source area is 0.0088 ft/ft towards the northeast based on the July 2018 data collected from MW-3, MW-9, and MW-17I. Site monitoring well locations are provided in **Figure 5 – Monitoring Wells**. A summary of monitoring well information and groundwater levels are provided in **Table 1** and the potentiometric surface map of the surficial aquifer is illustrated on **Figure 6 – Surficial Aquifer Potentiometric Surface Map July 12, 2018**. It should be noted that during the most recent Site visit, RPS observed that MW-8 is inaccessible due to a new layer of asphalt paving covering the well.

3.4 WELL INVENTORY

A complete well inventory of both public and private wells was conducted during Terracon's and URS's Phase I's (**Appendix A**). PWS #15 is a public water supply well located adjacent to the northeast corner of the Site property boundary and owned by the Dothan Water Department which identifies it as Dothan Well Number 15. PWS #15 is 724-feet deep and was completed May 3, 1961. The PWS #15 well installation log is provided in **Appendix C**. A well installation log of PWS #15 details the well is double cased with the outer casing extending to 534-feet bgs and the inner casing is screened at two intervals: the first between 539-feet bgs and 589-feet bgs within a sand layer; and the second between 664-feet bgs and 714-feet bgs within a sand layer. The PWS #15 is screened within water bearing units of the Tuscahoma Sand and Nanafalia Formation (U. S. Geological Survey, 1988). In connection with PWS #15 is a monitoring well at the same location and depth owned by the USGS Alabama Water Science Center. The next closest PWS wells is Dothan Well Number 17 located approximately 1.25-miles to the southeast and Dothan Well Number 26 located approximately 2.5-miles to the northeast.

Site reconnaissance to identify additional wells was performed by RPS personnel during the preliminary investigation. PWS #15 was observed at the northeastern corner of the subject property. There were no indications of additional public or private water supply wells, observed or reported, on the subject property and adjacent surrounding properties.

4 SITE ENVIRONMENTAL HISTORY

The environmental history of the Site includes tank closures in 1989 and 1990, a Phase I ESA conducted in 2011, and Phase I and Phase II ESAs conducted in 2015. Copies of available reports are provided in **Appendix A**. A summary of the Site's environmental history includes:

***Field Record: Removal and sampling of a 10,000-gallon diesel underground storage tank.* Polyengineering Inc., October 9, 1989.**

Field record describing the removal of a 10,000-gallon diesel underground storage tank is a field note written by a Polyengineering Inc. representative of Dothan, Alabama. Additionally, an analytical report by Pioneer Laboratory, Inc. of Pensacola, Florida contained petroleum hydrocarbon concentrations of five (5) soil samples collected from the excavation pit after the tank was removed. The petroleum hydrocarbon concentrations ranged from 11 ppm to 33 ppm.

***Field Record: In place closure of a 5,000-gallon diesel underground storage tank.* Polyengineering Inc., November 12, 1990.**

Field record describing the in-place closure of a 5,000-gallon diesel underground storage tank is a field note written by a Polyengineering Inc. representative of Dothan, Alabama. The contents of the UST were removed and filled in placed with concrete. No soil samples were collected.

***Phase I Environmental Site Assessment and Limited Compliance Review, Twitchell Corporation, 4031 Ross Clark Circle NW, Dothan Alabama.* URS Corporation, August 4, 2011.**

The URS Phase I report identified two (2) recognized environmental conditions (RECs).

1. A former 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel underground closed storage tanks (USTs) were installed in 1956 immediately adjacent to the southeastern corner of the Olefin Building. Soil samples collected near the tanks and the time of removal and closure in 1989 period. At the time of closure, soil samples were collected and analyzed and there were reported total petroleum hydrocarbon concentrations between 11 – 33 parts per million (ppm). While Alabama Department of Environmental Management (ADEM) acknowledged closure of the former USTs, a No Further Action letter from ADEM was not issued.
2. Past industrial wastewater discharge to the drainage ditch located at the northwestern corner of the Main Mill Building. Soil samples collected in the drainage ditch in 2004 were analyzed for arsenic, barium, cadmium, chromium, lead and silver. However, chlorinated solvents and petroleum compounds used historically in the manufacturing process were not analyzed.

***Phase I Environmental Site Assessment – Twitchell Technical Products, 4031 Ross Clark Circle NW, Dothan Alabama.* Terracon Consultants Inc., May 28, 2015.**

The Terracon Phase I report identified three (3) RECs.

1. Potential impacts to soil and/or groundwater from historical use of chlorinated solvents to clean the facility's looms until the late-1980s or early-1990s.
2. Potential impacts to soil and/or groundwater resulting from the former UST area. Limited soil sampling was conducted when the USTs were closed in 1989. The USTs were unregulated at the time and a No Further Action letter from ADEM was not issued.

3. Potential impacts to soil and/or groundwater resulting from discharges were analyzed for some metals. However, chlorinated solvents and petroleum compounds used historically in the manufacturing process were not analyzed.

***Phase II Limited Site Investigation – Twitchell Technical Products, Dothan, Alabama*. Terracon Consultants Inc., June 18, 2015.**

Terracon's Phase II Investigation included advancement of three (3) soil borings for soil and groundwater sampling and collection of two (2) sediment (surface) samples from the drainage ditch. Results from the LSI indicated the presence of volatile organic compounds (VOCs) in groundwater. Most notably was one groundwater sample contained 550 µg/L of 1,1-DCE which is an exceedance of its respective RSL. Analysis of surface sediments from within the former wastewater discharge ditch identified Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO) and Oil Range Organics (ORO) in two sediment samples collected near the former outfall pipe above ADEM UST soil screening levels. The Phase II sample locations are depicted on **Figure 7 – 2015 Phase II Environmental Sampling Locations.**

5 PRELIMINARY INVESTIGATION (PI)

PI activities were conducted in November 2015 through the collection of soil, groundwater, and soil gas samples from locations across the footprint of the Site. The purpose of the PI was to gain information about the Site for development of the CSM and to confirm or rule out the presence of COPCs identified in Terracon's 2015 Phase II as well as latent impacts from historical operations. The PI activities included:

- The advancement of nine (9) soil borings for soil sampling;
- Conversion of soil borings to permanent monitoring wells screened within the surficial aquifer for groundwater sampling;
- Collection of four (4) surface sediment samples within the drainage ditch west of the Main Mill building; and
- Collection of eleven (11) sub-slab soil gas samples from beneath the Main Mill and Olefin buildings where historical use of chlorinated solvents (1,1,1-TCA) were reported.

5.1 PI OBJECTIVES

The PI was designed to gain information about the Site for development of the CSM and to confirm or rule out the presence of COPCs related to historic operations, RECs, and previous investigations including:

- **Former Septic System and Equipment Drain Discharge –** The historic discharge of sanitary sewage water and drainage lines from various equipment (looms) within the Main Mill building emptied into an area located roughly north of the Main Mill building and south of/beneath the Olefin Building. The sanitary sewage discharged to an underground settling tank (between the Olefin and Main Mill buildings) then to a series of perforated pipes that directed waste through an underground leach field extending beneath the Olefin Building. The former equipment drains may discharge to a dry well feature located between the Olefin and Main Mill buildings.
- **Former Drainage Ditch Discharge –** The facility discharged floor drain effluent to an adjacent drainage ditch located on the western side of the Main Mill building via two drainage pipes. The drainage pipes are not in use due to upstream floor drains being capped. The drainage pipes historically discharged into a trench that extends from the northwest corner of the Main Mill Building, west along the Site rail spur, crosses the spur via a culvert under the spur, eventually merging with a ditch situated along the Seaboard Coast Line Railroad track to the west in a north-south orientation.
- **Former USTs –** A former 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel underground closed USTs were installed in 1956 immediately adjacent to the southeastern corner of the Olefin Building. Soil samples collected near the tanks and the time of removal and closure in 1989 period. At the time of closure, soil samples were collected and analyzed and there were reported total petroleum hydrocarbon concentrations between 11 – 33 parts per million (ppm). ADEM acknowledged closure of the former USTs.
- **Historic Chlorinated Solvent Use –** Chlorinated solvents have reportedly been used at the Site in the past to clean the looms. The use chlorinated solvents ceased in the late 1980s or early 1990s and were phased out when less hazardous materials were selected for cleaning purposes. Specific details regarding the storage and disposal practices of historic hazardous waste were not available.

5.2 PI SCOPE OF WORK

RPS conducted PI activities in accordance with ADEM's *Alabama Environmental Investigation and Remediation Guidance* (AEIRG), dated 2005 and 2017. The following sections detail the PI scope of work.

5.2.1 Utilities Search

Prior to conducting the PI, RPS contacted Alabama 811 to complete a subsurface utility clearance at the Site. In addition, RPS utilized Ground Penetrating Radar Systems (GPRS), to identify and locate buried utilities and other potential subsurface obstructions at each of the proposed drilling locations. GPRS used ground penetrating radar (GPR) and radio detection (RD) methods to complete the survey. The utility searches identified numerous utility lines at the Site which include; fiber optic, natural gas, power, water, sewer, and surface drainage.

5.2.2 PI Sediment Investigation

A total of four (4) sediment samples (SS-1 through SS-4) were collected by RPS from the surface (<0.5 feet bgs) along the centerline of the waste water drainage ditch. The samples were collected downgradient from a location immediately west of the Main Mill Building to the last sample being collected adjacent to the railroad tracks. Sediment sampling was conducted to characterize impacts from former drainage ditch discharge. Sediment sample locations are illustrated on **Figure 8 – Preliminary Investigation Soil and Sediment Sampling Locations**.

Sediment samples were collected using a dedicated disposable trowel for each sample and placed into laboratory provided containers for VOCs via EPA Method 8260, PAHs via EPA Method 8270, TPH gasoline range organics (GRO) and TPH Diesel Range/Oil Range Organics (DRO/ORO) via EPA Method 8015/8021.

5.2.3 PI Soil Investigation

A total of nine (9) soil borings (MW-1 through MW-9) were advanced for lithology documentation, field screening, and soil sample selection for laboratory analysis. Soil borings were spatially distributed across the Site to evaluate Site-wide subsurface conditions. Soil sampling locations are illustrated on **Figure 8**.

Each boring was installed via direct-push Geoprobe® sampling unit provided by qualified drillers from Atlas-Geo Sampling of Alpharetta, Georgia. Continuous subsurface soil samples were collected using 5-foot stainless steel sampling tubes lined with acetate sample liners. Upon retrieval from the sampler, each soil sample was visually inspected for logging purposes and evidence of contamination.

Soils were classified continuously and field-screened at 2-foot intervals prior to collecting soil samples for laboratory analysis. Each soil sample was field-screened using a MiniRae 2000 photo-ionization detector (PID), calibrated to a standard of 100 volumetric parts per million (Vppm) isobutylene. The field screening was used to provide a relative indication of the potential presence of volatile organic vapors and to aid in the selection of samples for laboratory analysis. In the event no organic vapors were detected, one soil sample was collected from the surface (<2-feet) and one soil sample was collected from an interval above the water table.

Two (2) soil samples were collected from nine (9) soil borings (MW-1 to MW-9); one sample from a shallow interval (<2-feet), and one sample from a deep interval above the water table. Soil samples collected in November 2015 were analyzed for VOCs via EPA Method 8260; Polynuclear Aromatic Hydrocarbons (PAHs) via EPA Method 8270, and RCRA Metals via EPA Method 6010/7471.

5.2.4 PI Groundwater Investigation

A total of nine (9) permanent monitoring were installed for groundwater sampling (MW-1 through MW-9). The PI monitoring wells were spatially located for determining baseline conditions at the Site related to historical operations and areas of concern.

PI monitoring wells were installed and developed under the supervision of RPS by qualified drillers from Atlas-Geo Sampling of Alpharetta, Georgia. Groundwater sampling was conducted by purging each well using a peristaltic pump and dedicated disposable tubing. The initial groundwater assessment of monitoring wells MW-1 through MW-9 included laboratory analysis for VOCs via EPA Method 8260, PAHs via EPA Method 8270, and RCRA Metals via EPA Method 6010/7471. Details concerning the installation of monitoring wells and groundwater sampling procedures are provided in the following sections. Monitoring wells locations are depicted on **Figure 5 – Monitoring Wells** and monitoring well construction diagrams are provided in **Appendix B**.

5.2.4.1 Installation and Development of Shallow Monitoring Wells

PI monitoring wells are designated as Type II wells and advanced to depths ranging between 26-feet below groundwater surface (bgs) and 37-feet bgs using hollow stem auger drilling techniques. The monitoring wells were designed to be screened within the first saturated zone. The monitoring wells were composed of 2-inch PVC with a 10-foot, 0.01 slot well screen. The annular space surrounding the well was filled with quartz silica sand (as a filter pack) around the screen. The sand pack extended to a depth of 2 foot above the top of the well screen. An annular seal consisting of hydrated bentonite chips was placed above the sand pack and extended two (2) feet above the pack. The remaining annular space was backfilled with a grout bentonite mixture and sealed by the placement of a locking protective cover with a 2x2 foot concrete pad set around the cover. Soil cuttings obtained during well installation were containerized and stored in labeled, 55-gallon drums at the Site.

The shallow monitoring wells were developed via over-pumping and surging techniques using a downhole pump at least 24-hours after the surface pad and outer protective casings were installed. Development progress was tracked by measuring groundwater quality parameters (i.e. pH, turbidity, specific conductivity, dissolved oxygen, temperature, and oxidation reduction potential) and ceased once parameters stabilized.

The nine (9) wells were surveyed for horizontal and vertical control by a licensed surveyor from Polyengineering, Inc. of Dothan, Alabama.

5.2.4.2 Groundwater Sampling

Groundwater sampling of the monitoring wells was conducted by purging each well using a peristaltic pump and dedicated disposable tubing. Purging was performed to remove stagnant groundwater from each well and ensure that the water within the well is representative of groundwater present within the subsurface formation. Purging of the wells utilized low flow techniques. Depth to groundwater levels and water quality measurements were collected to evaluate whether representative groundwater is present. Purging was continued until water quality measurements (pH, temperature, specific conductivity, dissolved oxygen content, turbidity, and oxidation-reduction potential) reached equilibrium (consecutive readings, a minimum of 3 minutes apart, have readings that vary by less than +/- 10%). Upon reaching equilibrium, purging was halted, and the groundwater sample was collected from each well. The groundwater samples collected from the permanent monitoring wells were transferred into laboratory-provided containers and stored in a cooler with ice. The groundwater samples were shipped overnight under strict chain of custody procedures via Federal Express to the analytical laboratory. Groundwater removed from each well during development and sampling was also containerized and stored in a labeled, 55-gallon drum at the Site for later disposal.

5.2.5 Sub-Slab Soil Gas Investigation

A total of eleven (11) Vapor Pin™ soil gas probes (SG-1 through SG-11) were installed during the PI at locations across the slab of the Olefin building and the Main Mill Building. The rationale for sub-slab soil

gas samples was to characterize soil gas conditions around the looms in the Main Mill building where potential historical use of chlorinated solvents has been reported and within the Olefin building which is above the former septic leach field. Soil gas sampling locations are shown on **Figure 9 – Sub-Slab, Indoor, and Background Air Sampling Locations**.

Sub-slab soil gas borings were installed via rotary hammer drill. Borings were performed by a qualified driller under RPS supervision. Specifically, the rotary hammer drill was used to create an approximately 5/8-inch hole through the slab at least 1-inch to 3-inches into the sub-slab zone to form a void. The Vapor Pin™ assembly was then inserted into the hole and tapped into place using a dead blow hammer. The Vapor Pin™ is constructed of a stainless-steel fitting with a flexible polyethylene collar to seal the pin to the slab.

Upon assembly of the sampling array, a shut-in test was performed to ensure no leaks in the sampling array connections and fittings by maintaining a steady vacuum pressure for more than 1 minute. The results of the shut-in test indicated each sampling array was sealed with no observed vacuum decrease. A water dam leak test was also utilized to evaluate the seal on each vapor pin. The water dam test is conducted by bentonite-sealing a 2-inch PVC coupling to the floor around the Vapor Pin™ and filling the interior of the coupling with potable water. A vacuum was imparted on the vapor pin via a hand pump and the water level within the water dam was observed for a period of 5 to 10 minutes. A competent Vapor Pin™ seal is noted when there is no observable head loss of the water dam while a drop in the water head indicated a compromised seal. The results of the water testing indicated each Vapor Pin™ locations had a tight seal with no observed loss in water head. A typical Vapor Pin™ soil gas probe and SUMMA® canister set up is provided in **Appendix D – Sub-Slab Soil Gas Sampling Set Up**.

To collect each soil vapor sample, the tubing from the Vapor Pin™ points was attached to a 6-liter SUMMA® vacuum canister. The canister was opened, and the vapor was collected for an approximate 15-minute period. The valve was then closed, the canister sealed, and the label marked with the sample name and date and time of sampling. The sub-slab soil samples were shipped overnight under strict chain of custody procedures via Federal Express to ESC of Mount Juliet, Tennessee. Soil gas samples were analyzed for VOCs via EPA Method TO-15.

All Vapor Pin™ points were removed after sample collection and resulting holes were patched using hydraulic cement to match the existing slab conditions. There was no investigation-derived wastes (IDW) created.

5.2.6 Surface Water Sampling

There has been no surface water observed at the Site. As such, no surface water samples have been collected to date.

5.2.7 Field Decontamination Procedures

RPS referred to Appendix E – Field Decontamination Procedures of the AEIRG for decontaminating equipment during the investigations to prevent sample contamination where at all possible. Disposable equipment was used where at all possible and included nitrile gloves, tubing for soil gas and groundwater sampling, sediment sampling trowels, and acetate soil collection liners. Non-disposable equipment that would be in contact with potentially impacted material was decontaminated between uses and locations to prevent potential migration and ensure sampling integrity. Small non-disposable equipment, such as water level meter, water quality meter, and downhole pumps, were decontaminated first by washing with phosphate-free soap and tap water, followed by rinsing with tap water, then rinsing with laboratory provided deionized water, and air drying before re-use. A decontamination pad was constructed to handle decontamination of the larger non-disposable equipment, such as the drill rigs, augers, and tooling. The pad was designed to retain all decontamination fluids and contaminants. In general, large equipment was

decontaminated within the pad by removing built-up soil material from all surfaces, cleaning all surfaces with tap water and phosphate-free detergent using a combination of water pressure and brushing, re-rinsing surfaces with tap water, and staged away from pad for drying. Equipment stored overnight was covered with clean, unused plastic. All decontamination waste was collected and containerized in labeled 55-gallon drums at the Site.

5.2.8 Sample QA/QC

RPS referred to Appendix D - Quality Assurance/Quality Control (QA/QC) of the AEIRG for ensuring sample quality. Sample handling procedures were assessed by collecting and analyzing duplicate samples and trip blank samples during each environmental investigation. Duplicate samples were collected at a rate of 1 for every 10 collected samples (10%). Trip blanks were provided by the laboratory and analyzed at a rate of one trip blank per sample cooler containing groundwater samples for laboratory analysis of VOCs.

RPS received sampling containers from certified analytical laboratories for each investigation. All received sample containers were certified new, pre-cleaned or properly decontaminated. Samples selected for analytical analysis were placed in the appropriate laboratory-provided preserved sample containers in accordance with Appendix G of the AEIRG. The contained samples were then appropriately labeled and stored in an ice-filled cooler. All required sampling information, field logs, and field activities were recorded directly in bound field logbooks and/or sample collection forms. The soil samples were shipped overnight under strict chain of custody procedures via Federal Express to ESC Lab Sciences of Mount Juliet, Tennessee (ID#: 40660) or Gulf Coast Analytical Laboratories (GCAL) of Baton Rouge, Louisiana in accordance with Appendix D of the AEIRG.

5.2.9 Investigation Derived Waste

RPS referred to Appendix G – Table 2 of the AEIRG when generating and handling Investigation Derived Waste (IDW). Decontamination water, purge water, and soil cuttings from soil sampling were containerized in 55-gallon drum with tight-fitting lid and left onsite. Trash, non-hazardous disposable equipment, and non-hazardous disposable PPE was placed in a trash bag and placed in a Site dumpster for disposal.

5.3 PI Results and Regional Screening Level Evaluation

RPS evaluated PI analytical results in accordance with ADEM's *Alabama Risk –Based Corrective Action Manual (ARBCA), February 2017*. The ARBCA process utilizes a tiered approach when evaluating environmental conditions at a Site with respect to risk. The first tier includes comparing PI results to the most conservative screening levels available to evaluate if COCs exist at the Site. Specifically, soil and groundwater screening levels are taken from the US EPA Regional Screening Levels (RSLs), dated June 2017, and soil gas screening levels are taken from the EPA-Office of Land and Emergency Management (OLEM) Vapor Intrusion Screening Level (VISL) Calculator Version 3.5.1, dated May 2016. The most conservative screening levels assume a Target Cancer Risk (TCR) of 1.0E-06 and a Target Health Quotient (THQ) of 0.1. The following sections summarize the results from RPS's PI activities and include Terracon's 2015 Phase II results.

5.3.1 Sediment Results and RSL Evaluation

RPS collected a total of four (4) sediment samples for analysis of VOCs, PAHs, and TPH. Analytical results were provided by ESC Laboratories of Mount Juliet, Tennessee. Terracon collected a total of two (2) sediment samples for analysis of BTEX, RCRA metals, and TPH.

Sediment screening levels are from the US EPA RSLs for industrial soils (June 2017). It should be noted the EPA RSLs for TPH are not applicable for risk assessment for Method 8015 GRO, DRO, and ORO results. TPH data from this PI is useful for determining where contamination may be located. The sediment sampling results are presented in **Table 2 – Sediments Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E – Laboratory Analytical Data Reports**.

5.3.1.1 Sediment Sample VOCs Results

Several VOCS were identified above their respective laboratory method detection limits (MDLs) in sediment samples D-1 and D-2. None of the identified VOCs exceeded their respective RSL.

5.3.1.2 Sediment Sample PAHs Results

Several PAHs were identified above their respective MDLs in downgradient sediment sample SS-4. None of the identified PAHs exceeded their respective RSL. PAHs were not included in Terracon's sediment analysis.

5.3.1.3 Sediment Sample TPH Results

GRO was detected in SS-4 at a concentration of 0.12 mg/kg. Remaining sediment samples contained GRO below MDLs. DRO was detected in D-1, D-2, and SS-2 and ranged in concentration from 670 mg/kg in D-2 to 114,000 mg/kg in SS-2. Remaining sediment samples contained DRO below MDLs. ORO was detected in all sediment samples with exception to SS-3 and ranged in concentration from 48.2-mg/kg in SS-1 to 88,600-mg/kg in SS-2.

5.3.1.4 Sediment Sample RCRA Metals Results

RCRA metals arsenic, barium, cadmium, chromium, lead, and mercury were detected above their respective MDLs in D-1 and D-2. Only arsenic was identified to exceed its respective RSL of 3.0 mg/kg in sediment sample D-1 with a reported concentration of 6.4 mg/kg. RCRA metals were not analyzed in RPS's sediment samples.

5.3.2 Soil Sampling Results and RSL Evaluation

RPS collected a total of twenty (20) soil samples from nine (9) soil borings for analysis of VOCs, PAHs, and RCRA metals. At each soil boring, one soil sample was collected from within the top two feet of soil (shallow) and a second soil sample was collected from a deeper interval above the water table and selected based on field screening (deep). Analytical results were provided by ESC Laboratories of Mount Juliet, Tennessee. Terracon collected a total of three (3) soil samples from three (3) locations for analysis of VOCs, RCRA metals, and TPH.

Soil screening levels are from the US EPA RSLs for industrial soils (June 2017). It should be noted the EPA RSLs for TPH are not applicable for risk assessment for Method 8015 GRO, DRO, and ORO results as TPH consists of a group of compounds and no specific risk factors available. TPH data from this PI is useful for determining where contamination may be located. The soil sampling results are presented in **Table 3 – Preliminary Investigation Soil Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E**.

5.3.2.1 Soil Field Screening

No odors, staining or other indications of impacts were observed in soil cores. Organic vapors were not detected above 5.0 ppmV in all borings. The results of field screening did not detect any source of soil contamination at the Site.

5.3.2.2 Soil Sample VOCs Results

Acetone was identified above its respective MDL in shallow soil samples MW-1, MW-4, and MW-5. The detection was below its respective RSL. Tetrachloroethene (PCE) was identified above its respective MDL in shallow soil sample B-1. The detection was below its respective RSL. There were no VOCs detected above MDLs in deep soil samples.

5.3.2.3 Soil Sample PAHs Results

There were no PAHs detected above MDLs in shallow or deep soil samples.

5.3.2.4 Soil Sample RCRA Metals Results

RCRA metals arsenic, barium, cadmium, chromium, lead, and mercury were detected above their respective MDLs in MW-1 through MW-9 shallow and deep soil samples. Only arsenic was identified to exceed its respective RSL of 3.0 mg/kg in shallow soil samples MW-3, MW-4, MW-6, and MW-8 and in deep soil samples MW-3 and MW-9. The highest arsenic concentration was identified in the shallow MW-4 soil sample at a concentration of 5.0 mg/kg.

5.3.2.5 Soil Sample TPH Results

TPH-DRO was detected in shallow soil sample B-1 at a concentration of 6.1 mg/kg. DRO was not analyzed in soil samples MW-1 through MW-9. ORO was detected in shallow soil sample B-1 and B-2 at a concentration of 12 mg/kg and 1.9 mg/kg, respectively. ORO was not analyzed in soil samples MW-1 through MW-9.

5.3.3 Groundwater Sampling Results and RSL Evaluation

RPS collected a total of nine (9) groundwater samples from the nine (9) monitoring wells installed for the PI. Groundwater samples were analyzed for VOCs and PAHs. Analytical results were provided by ESC Laboratories of Mount Juliet, Tennessee. Terracon collected a total of three (3) groundwater samples from three (3) locations for analysis of VOCs, PAHs, and RCRA metals.

The primary groundwater screening levels are from the US EPA's National Primary Drinking Water Regulations (NPDWR) Maximum Contaminant Levels (MCLs). In the absence of an MCL, the primary groundwater screening levels are from the US EPA RSLs for tapwater (June 2017). For chemicals that have both a MCL and a tapwater RSL, the MCL will be the primary groundwater screening level used for COPC determination. The results of groundwater sampling and analysis are presented in **Table 4 - Preliminary Investigation Groundwater Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E**.

5.3.3.1 Groundwater Sample VOCs Results

Several VOCs were identified above their respective MDLs in groundwater samples TMW-1, TMW-2, TMW-3, and MW-1. None of VOCs was detected in any other groundwater samples. Of the VOCs detected above their respective MDLs, the following VOCs were identified as exceeding their respective primary screening level in at least one groundwater sample.

- 1,1-DCA was identified in groundwater samples TMW-2 at a concentration of 8.0-µg/L, and MW-1 at a concentration of 5.76-µg/L. Both detections exceeded the 1,1-DCA tapwater RSL of 2.8-µg/L.
- 1,1-DCE was identified in groundwater samples TMW-1, TMW-2, TMW-3, and MW-1, and ranged in concentration from 1.0-µg/L in TMW-3 to 550-µg/L in TMW-2. 1,1-DCE in groundwater exceeded its MCL of 7.0-µg/L at TMW-2 (550-µg/L) and MW-1 (27.9-µg/L).

5.3.3.2 Groundwater Sample PAHs Results

Several PAHs were identified above their respective MDLs in groundwater samples TMW-1, TMW-2, and TMW-3. None of the identified PAHs exceeded their respective MCLs or tapwater RSLs in groundwater. No PAHs were detected in any other samples.

5.3.3.3 Groundwater Sample RCRA Metals Results

Groundwater sample TMW-3 was analyzed for RCRA metals. Barium and selenium were detected above their respective MDLs in the sample. Neither metal exceeded its respective MCLs or tapwater RSLs in groundwater. No other metals were detected in any other samples.

5.3.4 Sub-Slab Soil Gas Sampling Results and RSL Evaluation

RPS collected a total of twelve (12) soil gas samples from eleven (11) temporary sub-slab vapor probe locations from below portions of the Main Mill and Olefin Buildings for VOC analysis. Analytical results were provided by ESC Laboratories of Mount Juliet, Tennessee.

Soil gas screening levels are from the US EPA-OLEM VISLs for commercial properties (May 2016). The soil gas sampling results are presented in **Table 4 - Preliminary Investigation Sub-Slab Soil Gas Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E**.

5.3.4.1 Sub-Slab Soil Gas Sample VOCs Results

Several VOCs were identified above their respective MDLs in all twelve (12) soil gas samples. Of the VOCs detected above their respective MDLs, the following VOCs were identified as exceeding their respective VISL in at least one location.

- Benzene was identified in all twelve (12) soil gas samples and ranged in concentration from 0.78-µg/m^3 in SG-1 to 75- µg/m^3 in SG-8. Benzene in soil gas exceeded its VISL of 52-µg/m^3 at SG-8 (75-µg/m^3).
- 1,3-Butadiene was identified in two (2) soil gas samples and ranged in concentration from 4.77-µg/m^3 in SG-5 to 15.6-µg/m^3 in SG-7. 1,3-Butadiene in soil gas exceeded its VISL of 14-µg/L at SG-7 (15.6-µg/m^3).
- 1,1-DCE was identified in ten (10) soil gas samples and ranged in concentration from 0.95-µg/m^3 in SG-1 to 14,900-µg/m^3 in SG-3. 1,1-DCE in soil gas exceeded its VISL of 2,900-µg/L at SG-3 (14,900-µg/m^3).
- PCE was identified in ten (10) soil gas samples and ranged in concentration from 3.71-µg/m^3 in SG-8 to 5,790-µg/m^3 in SG-2. PCE in soil gas exceeded its VISL of 580-µg/L at SG-1 (1,260-µg/m^3), SG-1 DUP (4,560-µg/m^3), SG-2 (5,790-µg/m^3), and SG-4 (873-µg/m^3).

5.4 PI FINDINGS

The 2015 Phase II and the PI data indicate the presence of COPCs at the Site. A RSL evaluation of PI data identified COCs in groundwater and soil gas at the Site. The following summarizes the COCs and respective delineation status in each environmental media evaluated:

- **Sediments** – There were no COCs identified in sediments within the former drainage ditch. Although DRO and ORO were observed in the sediments, evaluation of these chemicals using EPA RSLs is not acceptable for risk assessment purposes. RSL evaluation of VOC, PAH, and RCRA metal results is more applicable for risk characterization of the former drainage ditch. Since VOCs, PAHs, and RCRA metals in ditch sediments and nearby soil and groundwater samples (MW-3 and MW-4) did not exceed their respective RSLs, RPS considers that, although a historical

release likely occurred from the Main Mill discharge pipes, the environmental conditions of the drainage ditch area have negligible health and ecological risks. RPS considers horizontal delineation of the former drainage ditch complete based on: chemicals in nearby shallow soil samples MW-3 and MW-4 detected below their respective RSLs; and TPH concentrations in downgradient sediment samples SS-3 and SS-4 decreasing by multiple orders of magnitude from upgradient samples D-1, D-2, and SS-2. RPS considers vertical delineation of the former drainage ditch complete based on: all chemicals in nearby deep soil and groundwater samples MW-3 and MW-4 being below their respective RSLs. Finally, there is no indication that environmental conditions of the former drainage ditch will deteriorate as these pipes have been plugged and no longer operational and will not contribute to any future impacts to the downgradient wastewater discharge area.

- **Soils** – There were no COCs identified in Site soils based on detections of chemicals analyzed being below their respective most conservative RSLs. The arsenic exceedances in soil are indicative of background levels that naturally occur in ubiquitous soils rather than of a release.
- **Groundwater** – COCs identified in groundwater during the PI includes 1,1-DCA and 1,1-DCE. Groundwater impacts were observed in an area that includes the Olefin Building and the loading area between the Olefin and Main Mill building. A comprehensive risk evaluation of groundwater COCs was not possible from the 2015 Phase II and PI data alone. The additional horizontal and vertical delineation of groundwater COCs was required and is discussed in Section 6 of this report.
- **Sub-Slab Soil Gas** – COCs identified in sub-slab soil gas during the PI includes benzene, 1,3-Butadiene, 1,1-DCE, and PCE. Soil gas impacts were observed in the north middle portion of the Main Mill and in both samples within the Olefin building. Based on identification of COCs in sub-slab soil gas and groundwater, indoor air sampling was needed to evaluate vapor intrusion (VI) risk to Site workers. The indoor air assessment is discussed in Section 6 of this report.

6 COMPREHENSIVE INVESTIGATION (CI)

The CI included activities and results from multiple investigations conducted in April 2016, August 2016, December 2016, and May 2017. The CI involved collecting soil, groundwater, and indoor air samples from locations within and around impacted areas identified during the PI. The purpose of the CI was to assess the horizontal and vertical extent of impacts identified during the PI to design the CSM and perform a complete risk assessment for the Site. The CI was conducted through an iterative process delineating impacts and obtaining necessary data as it became apparent additional information was needed from the previous investigation. The observed data gaps and corresponding corrective actions that compose the CI are as follows:

- **April 2016**
  - Horizontal delineation of 1,1-DCA and 1,1-DCE in groundwater near monitoring well MW-1. Monitoring wells MW-10, MW-11, and MW-12 were installed and sampled.
  - Soil and groundwater investigation of the septic leech field as a potential source area. Advancement of three (3) soil borings for soil sampling and installation of monitoring well MW-13 for groundwater sampling.
  - Assessment of VOCs in indoor air where VOCs in sub-slab soil gas exceeded their respective RSLs. Three (3) indoor air samples collected within the Olefin Building, one (1) indoor air sample collected from within the Main Mill Building, and a background air sample collected upgradient of each building assessed.
- **August 2016**
  - Horizontal delineation of 1,2,4-trimethylbenzene (1,2,4-TMB) and m,p-xylene in groundwater near monitoring well MW-10. Monitoring well MW-14 was installed and sampled.
  - Vertical delineation of 1,1-DCA and 1,1-DCE in groundwater in the vicinity of 2015 Phase II temporary well TMW-2. Monitoring well MW-15 was installed and sampled.
- **December 2016**
  - Possible source area investigation of soil and groundwater in response to 1,1-DCE identified in MW-15 groundwater. Investigation designed to characterize a suspected 1,1-DCE source area near the northern portion of the Main Mill building and shipping alley between the Main Mill and Olefin Building. Fourteen (14) soil borings were advanced for soil sampling and nine (9) soil borings were converted to temporary monitoring wells for groundwater sampling.
- **May 2017**
  - Horizontal delineation of groundwater north and east of the previously investigated suspected source area where 1,1,1-TCA, 1,1-DCE, and 1,4-Dioxane was identified in groundwater. Six (6) soil borings were advanced for soil sampling and five (5) soil borings were converted to temporary monitoring wells for groundwater sampling. Monitoring well MW-16 was installed and sampled.
  - Groundwater sampling of new and existing monitoring wells for 1,4-Dioxane analysis.

6.1 CI SCOPE OF WORK

RPS conducted CI activities in accordance with ADEM's AEIRG dated September 2005 and February 2017. CI activities that included utility locating, monitoring well installation, soil boring advancement, soil sampling, groundwater sampling, field decontamination, QA/QC, and IDW management were conducted in the same manner as described in the PI section of this report. The following sections detail the CI scope of work and only include methodologies not previously discussed.

6.1.1 CI Soil Investigations

A total of twenty-two (22) additional soil borings (Olefin SB-1, Olefin SB-2, MW-13, TW-1 through TW-

9, and SB-1 through SB-9) were advanced for lithology documentation, field screening, and soil sample selection for laboratory analysis similar in a manner consistent with the PI. CI soil borings were generally located within or nearby suspected source areas for characterization purposes. The specific source areas targeted include the former Main Mill drainage system, former septic drain system, and the former USTs. Soil sampling locations are illustrated on **Figure 10 – Comprehensive Investigation Source Area Map Sampling Locations**.

A total of eighty (80) soil samples were collected from the 22 soil borings during the CI. The number of soil samples per boring varied at each location, but generally followed either two (2) samples per boring or one (1) sample every 5-feet per boring. Soil samples were analyzed for VOCs via EPA Method 8260 by GCAL or ESC.

6.1.2 CI Groundwater Investigation

A total of seven (7) additional permanent monitoring wells (MW-10 through MW-16) and fourteen (14) temporary monitoring wells (TW-1 through TW-14) were installed during the CI. The additional CI temporary and permanent monitoring wells were spatially located for horizontal and vertical delineation of COPCs in groundwater.

CI monitoring wells were installed and developed under the supervision of RPS by qualified drillers from Betts Environmental Recovery, Inc. of Adel, Georgia and Environmental Monitoring Services, LLC of Woodstock, GA. Groundwater sampling was conducted by purging each well using a peristaltic pump and dedicated disposable tubing. Groundwater samples were analyzed for VOCs via EPA Method 8260 and 1,4-Dioxane via EPA Method 8270C-mod by GCAL or ESC.

Details concerning the installation of monitoring wells and groundwater sampling procedures are described in the PI section of this report and details of temporary well and deep well installation are described below. Monitoring wells installed during the CI were surveyed in for vertical control using a Lasermark Survey Tripod. CI groundwater sample locations are depicted in **Figure 10** and monitoring well construction diagrams are provided in **Appendix B**.

6.1.2.1 Installation of Temporary Monitoring Wells

Temporary groundwater monitoring wells were advanced using a Geoprobe® direct-push rig to collect continuous subsurface soil samples and identify saturated zones. After identifying groundwater in soil liners and advancing direct-push tooling at least 5-feet below the groundwater table, a temporary well was installed in each soil boring. Temporary wells were composed of a 1-inch 0.01-slot PVC 10-foot screen and 1-ince PVC casing to ground surface. Saturated zones which were perceived to be shallow groundwater were encountered at approximately 25-feet bgs.

Groundwater samples were collected using a peristaltic pump with dedicated tubing for each temporary well location. The groundwater samples were transferred into a laboratory-provided container and stored in a cooler with ice. The coolers were delivered to either GCAL of Baton Rouge, Louisiana or ESC Lab Sciences of Mt. Juliet, TN under strict chain-of-custody protocol for appropriate analyses as described above.

After groundwater collection, temporary wells were abandoned by removing PVC screen and casing and backfilled with bentonite pellets and soil cuttings to ground surface. The surface was returned to its original condition (e.g. concrete, asphalt, landscaping) to the extent possible.

6.1.2.2 Installation and Development of Deep Monitoring Well

Prior to installation of the deep monitoring well, RPS reviewed Site monitoring well logs and the off-site

PWS #15 well formation log to evaluate where to set the well screen. The screen of the deep monitoring well was planned to be set below an assumed confining unit composed of white clay between 30 and 50 feet that was identified in the PWS #15 well formation log. The confining unit separates the surficial aquifer within a clayey sand layer between 25-feet and 35-feet observed in Site monitoring wells from deeper groundwater within alternating sand and clay layers between 50-feet and 74-feet as reported in the PWS #15 well formation log.

The deep Type-III monitoring well, MW-15, was constructed with surface casing set in the confining unit and a 2-inch monitoring well set below the confining unit via hollow stem auguring techniques. Installation of the surface casing included auguring and split-spoon sampling conducted every 5 feet using a 1.5-foot split spoon to identify the confining unit. White clay was observed in the split spoon samples starting at 35-feet bgs. Auguring was halted at 42-feet bgs where the bottom of the surface casing was set, grouted in place, and left to cure for 24-hours.

After the surface casing cure period, the deep monitoring well was installed via hollow stem auguring mud rotary through the surface casing and into the confining layer to the next deepest occurrence of groundwater. During mud rotary, white clay was observed in the tailings to 57-feet bgs. Coarse angular white sand was observed in the tailings below 57-feet. Mud rotary was ceased at 75-feet bgs. The deep well was then installed within the augers and composed of 2-inch PVC with a 15-foot, 0.01 slot PVC screen. The final depth of the monitoring well was 70-feet bgs due to flowing sand into the augers preventing installation to 75-feet bgs. The annular space surrounding the well was filled with quartz silica sand (as a pack) around the screen. The sand pack extended to a depth of 2 foot above the top of the well screen. An annular seal consisting of hydrated bentonite chips was placed above the sand pack and extended two (2) feet above the pack. The remaining annular space was backfilled with a grout bentonite mixture and sealed by the placement of a locking protective cover with a 2x2 foot concrete pad set around the cover. Soil cuttings obtained during well installation were containerized and stored in labeled, 55-gallon drums at the Site.

The deep monitoring well was developed via over-pumping and surging techniques using a downhole pump at least 24-hours after the surface pad and outer protective casings were installed. Development progress was tracked by measuring groundwater quality parameters (i.e. pH, turbidity, specific conductivity, dissolved oxygen, temperature, and oxidation reduction potential) and ceased once parameters stabilized.

6.1.3 CI Indoor Air Investigation

A total of four (4) indoor air samples were collected from inside the Main Mill building and the Olefin building. Two (2) background air samples were collected upwind from the Olefin and Main Mill buildings. The purpose of the indoor air samples was to characterize indoor air concentrations in areas where reported VOCs in sub-slab soil gas exceeded their respective screening levels protective of vapor intrusion migration. Indoor air and background air sampling locations are depicted on **Figure 9 – Sub-Slab, Indoor, and Background Air Sampling Locations.**

Indoor air and background samples were collected in a 6-liter Summa canister with a flow regulator to limit the air intake flow over an 8-hour period. The sampling duration of an 8-hour time-weighted basis was selected to evaluate potential indoor air concentrations of chemicals exceeding vapor intrusion modeling risk criteria over a typical commercial / industrial worker shift. Indoor air sampling canisters were placed near sub-slab soil gas locations where exceedances were reported and at locations were receptor exposure is most likely such as within office space and situated at breathing level. Upon completion of the 8-hour period, RPS personnel closed the flow regulator and collected all sampling canisters.

Following sample collection, the Summa canisters were logged onto the chain-of-custody form and were shipped overnight under strict chain of custody procedures via Federal Express to ESC of Mount Juliet,

Tennessee. Indoor and ambient air samples were submitted for laboratory analysis of VOCs via EPA Method TO-15.

6.2 CI Results and Regional Screening Level Evaluation

RPS evaluated CI analytical results in accordance with ADEM's February 2017 ARBCA manual. The ARBCA process utilizes a tiered approach when evaluating environmental conditions at a Site with respect to risk. The first tier includes comparing CI results to the most conservative screening levels available to evaluate if COCs exist at the Site. Specifically, soil, groundwater, and indoor air screening levels are taken from the US EPA Regional Screening Levels (RSLs), dated June 2017. The most conservative screening levels assume a Target Cancer Risk (TCR) of 1.0E-06 and a Target Health Quotient (THQ) of 0.1. The following sections summarize the results from RPS's CI activities.

6.2.1 Soil Sampling Results

RPS collected a total of eighty (80) soil samples from twenty-two (22) soil borings for VOC analysis. Soil screening levels are from the US EPA RSLs for industrial soils (June 2017). The soil sampling results are presented in **Table 6 – Comprehensive Investigation Source Area Soil Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E**.

6.2.1.1 Soil Field Screening

No odors, staining or other indications of impacts were observed soil cores. Organic vapors were not detected above 0.0 ppmV in all borings. The results of field screening did detect any source of soil contamination at the Site.

6.2.1.2 Soil Sample VOCs Results

Several VOCs were identified above their respective MDLs in several soil samples. VOCs detected include 1,1,1-TCA, 1,1-DCE, 2-Butanone, 1,4-Dioxane, Acetone, PCE, Toluene, and Xylenes. All VOC detections in soils were orders of magnitude below their respective RSLs.

6.2.2 Groundwater Sampling Results

RPS collected a total of twenty-eight (28) groundwater samples from Site permanent and temporary monitoring wells during the CI. The groundwater concentrations and inferred lateral extent of COCs are illustrated in **Figures 11 (1,1-DCE), 12 (1,4-Dioxane),** and **13 (1,1,1-TCA)**.

The primary groundwater screening levels are from the US EPA's NPDWR MCLs. In the absence of an MCL, the primary groundwater screening levels are from the US EPA RSLs for tapwater (June 2017). For chemicals that have both a MCL and a tapwater RSL, the MCL will be the primary groundwater screening level used for COPC determination. The results of groundwater sampling and analysis are summarized below and presented in **Table 7 – Comprehensive Investigation Source Area Groundwater Analytical Results Summary** and **Table 8 – Comprehensive Investigation 1,4-Dioxane in Groundwater Summary**. A copy of the full analytical data report is provided in **Appendix E**.

6.2.2.1 Groundwater Sample VOCs Results

Several VOCs were identified above their respective MDLs in groundwater samples collected during the CI. Of the VOCs detected above their respective MDLs, the following VOCs were identified as exceeding their respective primary screening level in at least one groundwater sample.

- 1,1,1-TCA was identified above MDLs in seven (7) groundwater samples and ranged in concentration from 7.9-µg/L in TW-12 to 845-µg/L in TW-1. 1,1,1-TCA concentrations in groundwater samples TW-1 (845-µg/L) and TW-10 (234-µg/L) exceed the 1,1,1-TCA MCL of

200-µg/L.

- 1,1-DCA was identified above MDLs in groundwater samples TW-10 and TW-12 at a concentration of 88.7-µg/L and 2.91-µg/L, respectively. Both detections exceed the 1,1-DCA tapwater RSL of 2.8-µg/L.
- 1,2-DCA was identified above MDLs in groundwater sample TW-10 at a concentration of 19.9-µg/L. The detection exceeded the 1,2-DCA MCL of 5.0-µg/L.
- 1,1-DCE was identified above MDLs in thirteen (13) groundwater samples and ranged in concentration from 19.1-µg/L in TW-7 to 8,630-µg/L in TW-10. All detections exceed the 1,1-DCE MCL of 7.0-µg/L.
- PCE was identified above MDLs in groundwater sample TW-10 at a concentration of 8.84-µg/L. The detection exceeded the PCE MCL of 5.0-µg/L.
- TCE was identified above MDLs in groundwater sample TW-10 at a concentration of 5.17-µg/L. The detection exceeded the TCE MCL of 5.0-µg/L.
- 1,2,4-TMB was identified above MDLs in groundwater sample MW-10 at a concentration of 8.0-µg/L. The detection exceeded the 1,2,4-TMB tapwater RSL of 5.6-µg/L.
- m,p-Xylene was identified above MDLs in groundwater sample MW-10 at a concentration of 70-µg/L. The detection exceeded the m,p-xylene tapwater RSL of 19-µg/L.
- 1,4-Dioxane was identified above MDLs in thirteen (13) groundwater samples and ranged in concentration from 0.0486-µg/L in TW-14 to 448-µg/L in TW-10. The 1,4-Dioxane tapwater RSL of 0.46-µg/L is exceeded at eight (8) groundwater locations.

6.2.3 Indoor Air Sampling Results

RPS collected a total of four (4) indoor air samples and two (2) background air samples from the Olefin and Main Mill buildings for VOC analysis. Indoor air sample results are depicted on **Figure 9**.

Indoor air screening levels are from the US EPA RSLs for industrial air (June 2017). The indoor air sampling results are presented in **Table 8 - Comprehensive Investigation Indoor and Background Air Analytical Results Summary** and are summarized below. A copy of the full analytical data report is provided in **Appendix E**.

6.2.3.1 VOCs in Indoor Air Samples

In instances where background VOCs are identified in upwind outdoor air samples, those detections are subtracted from indoor air detections for the same constituents. In this manner, the contribution of background ambient air is mitigated to reflect a more accurate indoor air concentration. After adjusting VOC concentrations in indoor air samples with the VOC concentrations observed in background air samples, several VOCs were identified above their respective MDLs in all four (4) indoor air samples. Of the VOCs detected above their respective MDLs, the following VOCs were identified as exceeding their respective industrial air RSL in at least one location.

- Chloroform was identified in indoor air sample IA-2 located in the Olefin Building at a concentration of 1.81-µg/m^3. This exceeded the chloroform industrial air RSL of 0.53-µg/m^3.
- Ethylbenzene was identified in all four (4) indoor air samples and ranged in concentration from 3.4-µg/m^3 in IA-4 to 14.02-µg/m^3 in IA-3. The industrial air RSL for ethylbenzene was exceeded in indoor air samples IA-1 (7.72-µg/m^3) and IA-3 (14.02-µg/m^3), both located in the Olefin Building.
- m&p-Xylene was identified in all four (4) indoor air samples and ranged in concentration from 10.89-µg/m^3 in IA-4 to 101.5-µg/m^3 in IA-3. The industrial air RSL for ethylbenzene was exceeded in indoor air samples IA-1 (55.6-µg/m^3) and IA-3 (101.5-µg/m^3), both located in the Olefin Building.

6.2.3.2 VOCs in Outdoor Air Samples

The purpose of the outdoor air background samples (BA-Olefin and BA-Main) was to account for chemicals detected in indoor air samples that originate from ambient air rather than from an on-Site environmental source. However, 1,4-Dioxane was identified in outdoor air sample BA-Olefin at a concentration of 5.59-µg/m^3 which exceeds its respective indoor air RSL of 2.5-µg/m^3. Since 1,4-Dioxane is also in groundwater, the outdoor air 1,4-Dioxane detection will be considered for the CSM and included in the Site-specific risk assessment. 1,4-Dioxane in indoor air samples was below MDLs in all samples except IA-3 where it was detected at a concentration of 0.904-µg/m^3, below its respective RSL.

6.3 CI FINDINGS

In accordance with ADEM's ARBCA, COPCs detected during the PI and CI are compared to RSLs and VISLs. COPCs that exceed RSLs or VISLs are characterized as "chemicals of concern" (COCs) for further evaluation through the ARBCA Risk Management-1 phase. The following sections summarize the COCs and their respective delineations based on data collected during the CI.

6.3.1 Soil

The RSL evaluation of the PI and CI soil data indicates there are no COCs in Site soils. The soil sampling approach ranged from a Site-wide baseline assessment during the PI to multiple focused sampling events of former features during the CI for identifying source areas and includes soil data from the entire vertical column of the vadose zone. Soil conditions at these former features likely represent the worst-case conditions at the Site and since no significant concentrations of chemicals have been identified at the former features it is likely Site soils are protective of human health and the environment.

Although no source area has been identified in site soils, the source of groundwater contamination is likely from an area between the Main Mill and Olefin building and/or the northeast parking lot. Conceptually, the absence of COCs in soils can be understood when considering the prevalent COCs and their chemical properties. Although multiple COCs have been identified in groundwater, the prevalence of 1,1,1-TCA, 1,1-DCE, and 1,4-dioxane at multiple locations indicates the historical use of 1,1,1-TCA as a solvent (USEPA 1995) in combination with 1,4-dioxane as a stabilizer of the solvent (USEPA 2014) and 1,1-DCE as a degradation product of 1,1,1-TCA (USEPA 1995). Both 1,1,1-TCA and 1,4-dioxane are mobile in soil and will readily leach into groundwater. This is an exceptional property of 1,4-Dioxane reflected in its very low soil organic carbon-water partitioning coefficient (Koc) indicating its preference to remain in solution rather than bind with soils (USEPA 2014). Absence of 1,1,1-TCA in soils is a combination of its mobility through soil and its rapid volatilization in that most of the 1,1,1-trichloroethane present in the upper layers of the soil is volatilized to air within 24 hours (Boublik et al. 1984). The absence of 1,1-DCE in soils is explained by 1,1,1-TCA's preference to migrate to groundwater where degradation is then to 1,1-DCE more likely to occur.

6.3.2 Groundwater

The RSL evaluation of the PI and CI groundwater data indicates the following COCs; 1,1-DCA, 1,2-DCA, 1,1-DCE, carbon tetrachloride, chloroform, 1,1,1-TCA, 1,1,2-TCA, 1,4-Dioxane, ethylbenzene, 1,2,4-TMB, and total xylenes. Multiple groundwater investigations have horizontally delineated COCs in groundwater to an area that includes the eastern portion of the Olefin building, north central portion of the Main Mill building, receiving area between the two buildings, and the parking lot east of the Olefin building. Deep monitoring well, MW-15 which extends to 70 feet below ground surface, was installed to delineate vertical groundwater impacts. 1,1-DCE was identified in MW-15 above its respective RSL. RPS anticipates that the indicated yellow clay layer at approximately 75-feet bgs is a significant impediment to vertical migration of COCs, this has yet to be confirmed. The suspected source of groundwater impacts is likely from an area between the Main Mill and Olefin building and/or the northeast parking lot where the

highest COC concentrations have been observed. The current orientation of groundwater impacts is indicative of the Site's cessation of chlorinated solvent use in the late 80s/early 90s followed by evolution of groundwater impacts to the current conditions through naturally occurring chemical transport and degradation processes. COCs in groundwater require further evaluation through the PRM-1 evaluation process. The groundwater concentrations and inferred lateral extent of COCs are illustrated in **Figures 11 (1,1-DCE), 12 (1,4-Dioxane),** and **13 (1,1,1-TCA)**. A Site cross-section is provided in **Figure 3**.

6.3.3 Air

The RSL evaluation of the PI and CI air data indicates the following COCs in indoor air; chloroform, ethylbenzene, and m&p xylene in indoor air; and an outdoor air COC 1,4-Dioxane. The indoor air COCs are delineated to the Olefin building and the outdoor air COC was located outside and north of the Olefin building.

It should be noted that the groundwater to indoor air vapor intrusion cannot be comprehensively confirmed from Site data. A complete vapor intrusion pathway is best evaluated by comparing soil gas and/or indoor air COCs to soil and/or groundwater COCs to establish that a connection exists between environmental impacts and air. Since COCs have not been identified in soil, the most likely source then would be groundwater. If a vapor intrusion pathway were to exist, it would be expected that COCs identified in air would reflect the COCs identified in groundwater and locations of detections/non-detections would be consistent. This has not been observed at the Site. One discrepancy is COCs identified in air were not identified in groundwater sample/s collected from within the vicinity of the air sample, or vice versa. Additionally, COCs in air do not reflect a similar COC "signature" observed in groundwater. This would indicate indoor and outdoor air COCs are either due to Site operations or representative of background concentrations and originating from an off-Site source. If either was the case, additional evaluation or corrective action of indoor/outdoor air would not be necessary as it relates to this VCP. However, to maintain a conservative evaluation consistent with the PI and CI process, RPS has included indoor and outdoor air in the PRM-1 evaluation process (discussed in more detail in Section 8).

6.3.4 Initial Response

The initial response is an evaluation for any threats to the public or domestic water supplies based on presence of free product removal, threats to utilities, and susceptibility of aquifer resources. First, no free product has been observed at the Site or in sampled media. Chlorinated solvent use ceased in the late 80s/early 90s, so there are no conditions or operations that would indicate the presence of free product in the environment. There are public utilities that intersect the property. Utilities are all within the top 10-feet of soil, whereas groundwater impacts are not encountered until between 20-feet and 25-feet bgs and are limited to a specific area at the Site. There are no soil impacts so leaching to utilities is also not likely.

It is apparent through the adjacent off-Site PWS #15 well, that the underlying aquifer is being used for public consumption. Specifically, the Tuscahoma Sand and Nanafalia Formation water bearing units approximately starting at 539-feet bgs. RPS reviewed the *Geohydrology and Susceptibility of Major Aquifers to Surface Contamination in Alabama; Areas 12* (Scott and Cobb, 1988) to evaluate the underlying aquifers susceptibility to contamination. In relation to the Site it states:

> "All of the recharge areas of the major aquifers are susceptible to contamination. However, because the recharge areas for the Providence-Ripley, Nanafalia-Clayton, and Lisbon aquifers are remote from their areas of use in Area 12, the probability of contamination is low. A zone of clay between the Lisbon aquifer and the Nanafalia-Clayton aquifer should prevent significant leakage from the Lisbon aquifer to the Nanafalia-Clayton aquifer."

This indicates PWS #15 is protected from the COCs in groundwater for current and future

considerations. As a conservative measure, RPS will evaluate the risk at PWS #15 using conservative fate and transport models and current Site conditions.

7 CONCEPTUAL SITE MODEL (CSM)

With the conclusion of the CI, the conceptual model for the Site can be developed to provide a general understanding of the relationship between the chemical source areas, transport mechanisms, receptors, and exposure routes. Site characteristics and supporting information not detailed in this section (i.e. operations, history, features, geology, hydrogeology, off-Site land use, and future land use, PI findings, CI findings) for the conceptual Site model have been provided in Section 2, 3, and 4 of this report. A depiction of the relationship between the impacted media, transport mechanisms, exposure pathways, and potential receptors that comprise potentially complete pathways is provided in **Figure 14 - Conceptual Site Model Graphical Display**.

7.1.1 COC Concentrations and Distributions

The concentrations and distribution of COCs has been defined by chemicals exceeding their respective RSLs in the CI and PI evaluation. The COCs identified in groundwater includes 1,1-DCA, 1,2-DCA, 1,1-DCE, carbon tetrachloride, chloroform, 1,1,1-TCA, 1,1,2-TCA, ethylbenzene, 1,2,4-TMB, total xylenes, and 1,4-Dioxane. The COCs identified in indoor air includes chloroform, ethylbenzene, and m&p xylene. The COCs identified in outdoor air includes 1,4-Dioxane. There have been no COCs identified in Site soils or sediments.

The distribution of COCs and receptors susceptible to exposure defines the exposure domains (EDs) for the Site. RPS proposes three EDs (ED-1, ED-2, and ED-3) for the Site:

- ED-1 includes an area containing the Olefin Building, northern portion of the Main Mill Building, and the loading area between the two buildings. COCs in this area include:
    - 1,1-DCA, 1,2-DCA, 1,1-DCE, carbon tetrachloride, chloroform, 1,1,1-TCA, 1,1,2-TCA, and 1,4-Dioxane identified in groundwater;
    - Chloroform, ethylbenzene, and m&p xylene identified in indoor air; and
    - 1,4-Dioxane identified in outdoor air.
- ED-2 includes a limited area surrounding MW-10. COCs include ethylbenzene, 1,2,4-TMB, and total xylenes identified in groundwater.
- ED-3 is the off-Site PWS #15.

7.1.2 Exposure Pathways

A complete exposure pathway includes identification of COCs through RSL evaluation, a mechanism to transport COCs to a Point of Exposure (POE), and presence of a complete pathway to a potential receptor. The evaluation considers current and most likely future use conditions. Chemical transport mechanisms considered were discussed in the previous section. POEs are areas where receptors may come in contact with COCs. Receptors include different humans and ecologies that can be negatively affected if exposed to COCs through contact, ingestion, and/or inhalation. Pathways are classified as direct when exposure occurs at location of observed impact, or indirect when the exposure occurs at a location or medium different than the source medium. RPS identified four (4) potential exposure pathways:

1. Current indirect inhalation exposure to Site workers from ED-1 COCs in groundwater;
2. Current direct inhalation exposure to Site workers from ED-1 COCs in indoor air and outdoor air;
3. Current indirect inhalation exposure to Site workers from ED-2 COCs in groundwater; and
4. Indirect future exposure to ED-3 (PWS #15) from ED-1 COCs in groundwater.

Additional exposure pathways considered incomplete by RPS were determined based on the absence of one or more exposure pathway components, specifically:

- Additional future concerns since there are no expected changes that would add to impacts or create new exposure pathways;
- Exposure to trespassers due to the Site being fenced, typically staffed 24-hours a day and 7-days a week, and maintaining guards when necessary;
- Exposure to off-Site residential children and adults due to none being in the area and the Site being surrounded by commercial and industrial properties;
- Exposure to off-Site workers due to COCs having been delineated within the Site boundary.
- Exposure to surface water due to no COCs identified in surface soils;
- Protection of groundwater concerns from soils or operations since no COCs have been identified in deep soils that would indicate leaching to groundwater, and there are no conditions or operations at the Site that would contribute to existing impacts;
- Direct exposure to Site workers from impacted groundwater since there is no mechanism for groundwater to migrate to workers; and
- Direct exposure to Site workers from soils due to an absence of COCs in soils.

8 SUPPLEMENTAL INVESTIGATION

The SI was conducted in July and August 2018 to address data gaps related to the risk to PWS #15 from Site COCs in groundwater. RPS conducted SI activities in accordance with ADEM's AEIRG dated February 2017. The SI activities included:

- A groundwater investigation of the area between PWS #15 and MW-15 targeting groundwater within the surficial units (above confining yellow clay, 0 to 75-feet bgs) and the deep units (below confining yellow clay, >95-feet bgs); and
- Excavation of petroleum impacted sediments within the former drainage ditch which, is located west of the Main Mill building.

The following sections detail the SI scope of work and only include methodologies not previously discussed.

8.1 SI GROUNDWATER INVESTIGATION

SI activities included the horizontal characterization of groundwater conditions via a permanent monitoring well installed within the surficial aquifer unit (MW-17I) and a permeant monitoring well installed below the yellow clay confining unit within the deep aquifer unit (MW-17D). The two wells were installed and developed under the supervision of RPS by qualified drillers from Betts Environmental Recovery, Inc. of Adel, Georgia (Betts). Groundwater was sampled from each well and analyzed for VOCs via EPA Method 8260 and 1,4-Dioxane via EPA Method 8270C-mod by ESC. Monitoring wells installed during the SI were surveyed in for vertical control using a Lasermark Survey Tripod. SI monitoring well locations are depicted in **Figure 5** and monitoring well construction diagrams are provided in **Appendix B**.

8.1.1 Installation of MW-17I and MW-17D

SI monitoring wells were advanced using sonic drilling methods to collect continuous soil samples for lithology description and to identify screen interval depths for wells. Sonic drilling utilizes high frequency resonant energy to advance an inner core barrel and an outer override casing.

For installation of MW-17I, the inner core barrel is advanced first collecting soils within its barrel hole. The override casing then follows outside the inner core barrel to the same depth. The inner core barrel can then be removed along with the soils collected within its barrel hole while the outer casing serves to isolate the surrounding formation. With the inner core barrel back at the surface, its soil contents are extruded into bags for observation. The inner core barrel is then tripped back through the override casing whereby drilling is advanced deeper and the process repeats. The target depth of MW-17I was similar to the depth of MW-15 to delineate horizontal groundwater conditions at the same depth interval. As such, drilling was terminated at approximately 72-feet bgs and the inner core barrel was withdrawn. MW-17I was then installed within the override casing and composed of 2-inch PVC with a 10-foot, 0.01 slot PVC screen. The final depth of MW-17I was 70.8-feet bgs. The annular space between the override casing and the well screen was tremied with quartz silica sand (as a filter pack) to 58-feet bgs while the override casing was slowly extracted. An annular seal consisting of hydrated bentonite chips was tremied above the sand pack to 56-feet bgs and hydrated for 8-hours as the outer casing was withdrawn to maintain isolation of the screened interval. The remaining annular space was tremied with a grout bentonite mixture and its advancement upward coincided with extraction of the override casing. The grout bentonite mixture set for 24-hours followed by placement of a locking protective cover with a 2x2 foot concrete pad set around the cover. MW-17I was developed to remove silts, fines, and any residual drilling fluids and sat for 24-hours. MW-17I was sampled by purging using a submersible Geosub Pump and dedicated disposable tubing.

Installation of MW-17D followed similar drilling methodology as MW-17I until the confining yellow clay unit was observed in soils collected from the core barrel. Once the confining yellow clay unit was encountered, the override casing was set and keyed into the confining unit to isolate the deeper aquifer unit from the surficial aquifer unit. The inner core barrel was then advanced a sufficient depth below the confining unit to set the well screen entirely into the deep aquifer unit. Further drilling was stopped at approximately 122-feet bgs and the inner core barrels were withdrawn. MW-17D was then installed within the override casing and composed of 2-inch PVC with a 10-foot, 0.01 slot PVC screen. The final depth of MW-17D was 120.4-feet bgs. The annular space between the override casing and the well casing was tremied with quartz silica sand (as a filter pack) to 108-feet bgs. An annular seal consisting of hydrated bentonite chips was tremied above the sand pack to 106-feet bgs and hydrated for 8-hours. The remaining annular space was tremied with a grout bentonite mixture and its advancement upward coincided with extraction of the override casing. The grout bentonite mixture set for 24-hours followed by placement of a locking protective cover with a 2x2 foot concrete pad set around the cover. MW-17D was developed to remove silts, fines, and any residual drilling fluids and sat for 24-hours. MW-17D was sampled by purging using a submersible Geosub Pump and dedicated disposable tubing.

8.2 EXCAVATION OF FORMER DRAINAGE DITCH

Sediments within the former drainage ditch were mechanically excavated by Betts under RPS supervision through an iterative process that first relied upon previous sediment sample locations (D-1, D-2, and SS-2) with elevated TPH concentrations. The ditch remediation objective was based on a TPH concentration of 100-mg/kg which is the ADEM standards for UST corrective action threshold. Excavated soils were placed in roll off boxes and transported to Springhill Landfill of Campbellton, Florida for disposal. Confirmation soil sampling of the excavation pit's floor and walls was conducted to evaluate effectiveness of removing TPH impacted soil. Confirmation soil samples were analyzed for TPH GRO via EPA Method 8015D/GRO and TPH DRO/ORO via EPA Method 8015 by ESC. Confirmation soil sampling prompted a second iteration of excavation south of SS-2 to achieve complete impacted soil removal. Excavation of the former drainage ditch was completed by backfilling area removed with crushed stone/gravel.

8.3 SI RESULTS

RPS evaluated SI analytical results in accordance with ADEM's February 2017 ARBCA Manual. The following sections summarize the results from RPS's SI activities.

8.3.1 Groundwater Investigation Sampling Results

RPS collected one groundwater sample from MW-17I and one groundwater sample from MW-17D. The groundwater concentrations and inferred lateral extent of COCs are illustrated in **Figure 11 (1,1-DCE), 12 (1,4-Dioxane),** and **13 (1,1,1-TCA)**. Groundwater sampling results were compared to screening levels taken US EPA NPDWR MCLs. In absence of an MCL, the groundwater screening levels are taken from the US EPA RSLs for tapwater (May 2018). The results of groundwater sampling and analysis are summarized below and presented in **Table 7**. A copy of the full analytical data report is provided in **Appendix E**.

8.3.1.1 Groundwater Sample VOC Results

There were no VOCs detected above MDLs in MW-17I and MW-17D.

8.3.2 Former Drainage Ditch Confirmation Sampling Results

RPS collected eleven (11) confirmation soil samples from the excavation pit's sidewalls and five (5) confirmation soil samples from the excavation pit's floor (16 total confirmation soil samples). Confirmation soil sampling results were compared to screening levels taken from ADEM standards for

UST corrective action. The results of confirmation soil sampling and analysis are presented in **Table 10 - Confirmation Soil Sampling Analytical Results Summary**. A copy of the full analytical data report is provided in **Appendix E**.

8.3.2.1 Confirmation Soil Sampling TPH Results

The following is a summary of TPH concentrations in confirmation soil samples:

- GRO was not detected above its MDL in any confirmation soil samples.
- DRO was detected above its MDL in 10 out of 16 confirmation soil samples and ranged in concentration from 6.0-mg/kg in SS-9 to 459-mg/kg in SS-2. Of the DRO detections above MDL, only sidewall soil sample SS-2 contained DRO above the 100-mg/kg screening level. As such, a second excavation event was conducted within an area south of SS-2. DRO concentrations were below the 100-mg/kg screening level in all subsequent confirmation soil samples collected during the second excavation event.
- ORO was detected above its MDL in in 9 out of 16 confirmation soil samples and ranged in concentration from 7.17-mg/kg in SS-9 to 60.6-mg/kg in SSW-3. ORO concentrations were below the 100-mg/kg screening level in all confirmation soil samples.

8.4 SI FINDINGS

8.4.1 Groundwater Investigation

The RSL evaluation of PI and CI groundwater data identified several COCs in an area of the surficial aquifer that includes the eastern portion of the Olefin building, north central portion of the Main Mill building, the receiving area between the two buildings, and the parking lot east of the Olefin building. SI activities sought to complete horizontal and vertical delineation of impacts through groundwater sampling of the surficial aquifer and deep aquifer at a point between PWS #15 and MW-15. The SI's groundwater sampling results are that COCs were reported below their respective MDLs in both the surficial and deep groundwater sample. The SI results indicates that horizontal and vertical delineation of COCs in groundwater is complete and that groundwater COCs are confined within the Site's property bounds. Additionally, the SI results validate the PRM-1 fate and transport predictions provided in the 2017 VCP Report and based on Domenico Model assumptions (*Domenico* [1987]). Specifically, from a risk-based protection of human health perspective, groundwater COC concentrations attenuate to acceptable levels at a location upgradient of PWS #15. The attenuation of COCs in groundwater is detailed in **Section 9**. The extent of COCs in groundwater is illustrated in **Figures 9 (1,1-DCE), 10 (1,4-Dioxane), and 11 (1,1,1-TCA)**. A Site cross-section is provided in **Figure 3**.

8.4.2 Former Drainage Ditch Excavation

Excavation of the former drainage ditch was conducted to remove sediments identified to contain concentrations of TPH greater than 100-mg/kg. Two excavation iterations were conducted to remove TPH impacted sediments within the former drainage ditch. TPH concentrations in confirmation soil samples collected from the floor and sidewalls of the excavation pit were all below 100-mg/kg indicating complete removal of TPH impacted sediments. The final excavation dimensions included approximately 215 linear feet of the ditch, a width ranging between 5-feet to 10-feet, and a depth ranging between 6-inces and 12-inches. The total volume of soil excavated and disposed of was 39.33 cubic yards. The excavation area and confirmatory soil sample locations are illustrated in **Figure 15 – Excavation of Former Drainage Ditch**. Waste manifests generated from disposing excavated soils are provided in **Appendix F – Waste Manifests**.

9 RISK MANAGEMENT-2 (RM-2) EVALUATION

This RM-2 evaluation is an amended version of the 2017 VCP Report's PRM-1 evaluation that includes ADEM recommendations (*March 5, 2018 ADEM Email*) and updates from the SI results. Specific updates include;

- Representative concentrations to reflect maximum COC concentrations rather than a mixture of 95% upper confidence limits (UCL) and maximum concentrations;
- Target hazard index (THI) applied to the California DTSC Vapor Intrusion Screening from 1.0 to 0.1;
- Average groundwater depth from 25-feet (762-cm) to 16.534-feet (503.96-cm) based on December 28, 2016 groundwater elevations;
    - Please note the average groundwater depth from the most recent groundwater level gauging event on July 12, 2018 was 18.83-feet (573.94-cm). The July 2018 average groundwater depth was not applied because the December 2016 groundwater depth is more conservative.
- Capillary fringe thickness for silty clay from 30-cm to 105.5-cm;
- Vadose zone soil water-filled porosity from 0.197 to 0.1443 based on the value equaling 30% of the total soil porosity;
- Site-specific values to ensure each model uses the same inputs;
- Domenico Model geologic parameters to reflect typical values for sandy clay loam based on Site geology; and
- A modified approach for evaluating risk at ED-3 that includes application of chemical-specific decay constants in the Domenico model calculations for estimating point concentrations at ED-3. The second evaluation is detailed in **Section 9.1.3**.

9.1 RM-2 PROCESS

RPS conducted the RM-2 in general accordance with ADEM's ARBCA dated February 2017. The ARBCA process utilizes a tiered approach when evaluating environmental conditions at a Site with respect to risk. The first tier included comparing COPCs to the most conservative EPA RSLs. COPCs that exceed the RSLs are characterized as COCs that require a RM-2 evaluation. The RM-2 evaluation only assesses risk for potentially complete exposure pathways. The RM-2 process includes:

1. Determine each COC's representative concentration from the maximum concentration observed;
2. Direct exposure risk evaluated by calculating the carcinogenic risk (CR) and hazard quotients (HQs) of the individual pathway-specific COCs. The cumulative CR and cumulative hazard index (HI) is the sum of each COCs CR and HQs identified for that potential exposure pathway;
3. Indirect exposure risk evaluated by estimating concentrations at the POE by applying maximum COC concentrations to fate and transport models. The CR and HQs of each POE concentration are calculated then summed to calculate the pathway-specific cumulative CR and cumulative HI. The fate and transport models used in this RM-2 evaluation include the:
    a. Johnson and Ettinger model for inhalation exposure from chemicals in groundwater; and
    b. Domenico model to estimate concentrations away from a groundwater source area.
4. Compare the cumulative CR and cumulative HI calculated for each potential pathway to a cumulative target carcinogenic risk (TCR) of 1.0E-05 and a cumulative target hazard index (THI) of 1.0.

Calculators and models used to calculate cumulative risks include a combination of Site-specific, chemical-specific, receptor-specific, and hydrogeologic parameters. Site-specific parameters were measured at the Site and include COC concentrations, various dimensions and distances, and groundwater depths. Chemical-specific parameters were taken from the USEPA RSL Chemical-specific Parameters and Subchronic Toxicity Values (May 2018). Receptor-specific parameters are taken from the USEPA *Volume I - Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals)*, dated December 1991. Hydrogeologic parameters included typical values for soils observed at the Site. Specifically, silty clay for the vadose zone and sandy clay loam for the surficial aquifer unit. RPS applied a conservative approach to the RM-2 process whereby conservative parameters/inputs were selected when available and when within reason. Specific instances of applying conservative parameters/inputs are detailed in **Section 9.2**. A summary of select RM-2 parameters is provided in **Table 11 – RM-2 Parameters Summary**. For simplicity purposes, the Table 11 summary is not a complete list of parameters used in the RM-2 models and calculators. All model and calculator parameters/inputs can be found in their respective data entry sheets provided in **Appendix G**, **Appendix H**, and **Appendix I**.

9.1.1 RM-2 Evaluation of ED-1

ED-1 has been delineated to an area containing the Olefin Building, northern portion of the Main Mill Building, and the loading area between the two buildings. The ED-1 groundwater COCs are 1,1-DCA, 1,2-DCA, 1,1-DCE, carbon tetrachloride, chloroform, 1,1,1-TCA, 1,1,2-TCA, and 1,4-Dioxane in groundwater. The ED-1 indoor air COCs are chloroform, ethylbenzene, and m&p xylene. The ED-1 outdoor air COC is 1,4-Dioxane. RPS evaluated the indirect exposure pathway from groundwater to indoor air; the direct exposure pathway of indoor air; and the direct exposure pathway of outdoor air to Site workers. Generated calculator/model sheets illustrating assumptions, inputs, and outputs are provided in **Appendix G - Exposure Domain-1 Risk Calculation/Model Sheets**.

9.1.1.1 Indirect Inhalation Exposure to Site Workers from Groundwater

This pathway is indirect, so RPS used an appropriate fate and transport model to calculate indoor air concentrations from ED-1 COCs in groundwater. RPS utilized the California Department of Toxic Substances Control's (CADTSC) Vapor Intrusion Screening Johnson & Ettinger model for groundwater for commercial indoor workers, dated December 2014, to calculate the CR and HQ of each ED-1 COC in groundwater. The exposure pathway's cumulative CR and cumulative HI is the sum of the CR and HQ values, respectively. The risk evaluation is based on indoor worker assumptions which are more conservative then outdoor worker assumptions.

9.1.1.2 Direct Inhalation Exposure to Site Workers from Indoor and Outdoor Air

This pathway is direct, so RPS calculated the CR and HQ of each ED-1 COC in indoor air and outdoor air using the EPA RSL calculator (May 2018). The exposure pathway's cumulative CR and cumulative HI is the sum of the CR and HQ values, respectively.

9.1.2 Indirect Inhalation Exposure to Site Workers from ED-2 COCs in Groundwater

ED-2 has been delineated to MW-10 and is separate from ED-1 in respect to its likely source, COCs, and location. The ED-2 COCs are ethylbenzene, 1,2,4-TMB, and total xylenes. RPS considers the only potential exposure pathway to be indirect inhalation to Site workers (indoor and outdoor) from ED-2 COCs in groundwater. Generated calculator/model sheets illustrating assumptions, inputs, and outputs are provided in **Appendix H - Exposure Domain-2 Risk Calculation/Model Sheets**.

This pathway is indirect, so RPS used an appropriate fate and transport model to calculate indoor air concentrations from ED-2 COCs in groundwater. RPS utilized CADTSC's Vapor Intrusion Screening

Johnson & Ettinger model for groundwater for commercial indoor workers, dated December 2014, to calculate the CR and HQ of each ED-2 COC in groundwater. The exposure pathway's cumulative CR and cumulative HI is the sum of the CR and HQ values, respectively. The risk evaluation is based on indoor worker assumptions which are more conservative then outdoor worker assumptions. to calculate CR and HQ values (December 2014). The risk evaluation is based on indoor worker assumptions which are more conservative then outdoor worker assumptions.

9.1.3 Indirect Future Exposure to ED-3 (PWS #15) from ED-1 COCs in Groundwater

ED-3 includes the potential future exposure pathway between ED-1 COCs in groundwater to the off-Site PWS #15. The ED-1 COCs in groundwater include 1,1-DCA, 1,2-DCA, 1,1-DCE, carbon tetrachloride, chloroform, 1,1,1-TCA, 1,1,2-TCA, and 1,4-Dioxane. The location of TW-10 was conservatively selected to represent the location of the ED-1 source since a majority of the maximum COC concentrations were observed at this location. The pathway is limited to future concerns since the SI findings indicate horizontal and vertical delineation of ED-1 COCs in groundwater is complete and confined within the Site's property bounds. Although there are no receptors at the PWS #15 location, RPS conservatively assumes PWS #15 is a residential child/adult receptor and includes ingestion, dermal, and inhalation risk assumptions. The actual exposure pathway from ED-1 COCs in groundwater to a residential child/adult receptor first requires ED-1 COCs migrating an additional vertical distance of 539-feet bgs where PWS #15's shallowest screen is located and separated from the surficial aquifer by several confining units indicated by soils collected at the Site and soil descriptions from the PWS #15 well log. Following vertical migration of COCs to the PWS #15 screen are additional distances to water storages, treatment locations, and/or residential homes. Generated calculator/model sheets illustrating assumptions, inputs, and outputs are provided in **Appendix I - Exposure Domain-3 Risk Calculation/Model Sheets**.

This pathway is indirect, so RPS used an appropriate fate and transport model to calculate COC concentrations at PWS #15 (the "ED-3 point concentration") based on ED-1 COCs in groundwater. ARBCA guidance recommends the Domenico model to estimate concentrations away from the groundwater source area based on several Site-specific parameters, such as the distance to the well, groundwater velocity, chemical properties, size of the source, etc. The Domenico model is an equation for solute transport in a saturated porous medium with uniform steady-state flow, one-dimensional advection, three-dimensional dispersion, adsorption, and first-order decay. Application of Domenico model assumptions to estimate point concentrations at PWS #15 was conducted using the Quick Domenico (QD) Version No. 3b spreadsheet developed by Pennsylvania Department of Environmental Protection (PA DEP), dated February 2014.

RPS provides an updated risk evaluation to the 2017 VCP Report PRM-1 of ED-3 (the "ED-3 PRM-1 evaluation"). The former ED-3 PRM-1 evaluation conservatively assumed degradation of COCs is negligible (λ = 0.0 day^{-1}) and COC attenuation is limited to advection, dispersion, and adsorption mechanisms. RPS's ED-3 PRM-1 evaluation was an initial response of good faith diligence due to the sensitivity of PWS #15 and groundwater delineation not yet complete. However, RPS finds it appropriate to re-evaluate the PRM-1 assumptions since the ED-3 PRM-1 evaluation results do not reflect groundwater conditions observed at the Site. Specifically, for approximately 25-years (the duration when Site chlorinated solvent use stopped), the effect attenuation mechanisms have had on COCs in groundwater have resulted in impacts limited to an area approximately 250-feet wide, 350-feet long, and confined within the Site's property bounds, while the ED-3 PRM-1 evaluation estimated COC concentrations greater than MDLs at locations further downgradient from documented "clean" MW-12, MW-16, MW-17I, and MW-17D groundwater sample locations. RPS identified that the most reasonable source of the discrepancy is the ED-3 PRM-1 evaluation assumption that COC degradation is negligible. Therefore, RPS has included the results of a second approach to evaluating risk at ED-3 (the "ED-3 RM-2 evaluation) that includes the assumption that degradation mechanisms (λ > 0.0 day^{-1}) also contribute to the attenuation of COCs in groundwater.

9.1.3.1 RM-2 Results and Conclusions

In accordance with ADEM ARBCA guidance, RPS conducted a RM-2 evaluation of the COCs identified from the RSL evaluation of the PI and CI data and their respective potential exposure pathways. The goal of the RM-2 evaluation was to calculate the cumulative CR and cumulative HI of each exposure pathway and compare results to a TCR of 1.0E-05 and a THQ of 1.0. The RM-2 results are presented in **Table 12 – Cumulative Risk Results Summary**. A depiction of the relationship between the impacted media, transport mechanisms, exposure pathways, potential receptors, and RM-2 results that comprise potentially complete pathways is provided in **Figure 14**. RM-2 results of the potential exposure pathways include:

1) Current indirect inhalation risk to Site workers from ED-1 COCs in groundwater includes a cumulative CR of 1.1E-07 and a cumulative HI of 0.12;
2) Current direct inhalation risk to Site workers from ED-1 COCs in indoor air and outdoor air includes a cumulative CR of 8.3E-06 and a cumulative HI of 0.28;
3) Current indirect inhalation risk to Site workers from ED-2 COCs in groundwater includes a cumulative CR of 2.8E-09 and a cumulative HI of 4.1E-04; and
4) Indirect future risk to ED-3 (PWS #15) from ED-1 COCs in groundwater includes a cumulative CR of 4.4E-07, a cumulative HI of 0.01 for both a residential child and adult.

Of the potential exposure pathways, only the initial ED-3 PRM-1 evaluation's cumulative CR of 4.0E-05 exceeds the TCR of 1.0E-05. The cumulative risks calculated for the remaining potential exposure pathways, including the ED-3 RM-2 evaluation (more Site-specific), were below the established TCR and THI. It is emphasized that RPS considers the results from the ED-3 RM-2 evaluation to be a more accurate measure of risk since the ED-3 PRM-1 evaluation assumptions likely do not reflect Site conditions. Both however contain elements that are considered conservative and likely not reflective of actual Site conditions:

- Application of the maximum concentrations for each rather than the COC concentrations observed at the ED-1 source location (TW-10);
- Application of a steeper hydraulic gradient (0.01 ft/ft) then the hydraulic gradient calculated from the July 18, 2018 groundwater data (0.0088 ft/ft);
- Assuming PWS #15 is a residential child/adult receptor and ignoring the additional vertical distance of 539-feet bgs to PWS #15's shallowest screen plus the additional distances to water storages, treatment locations, and/or residential homes; and
- Ignoring attenuation of COCs between PWS #15 and residential homes caused by natural and/or anthropogenic processes.

Based on the RM-2 evaluation, horizontal and vertical delineation of COCs in groundwater, and considering that conservative assumptions and parameters were applied in the fate and transport models, RPS considers Site workers and PWS #15 protected from the evaluated exposure pathways now and in the future.

10 CONCLUSIONS AND RECOMMENDATIONS

RPS has conducted a PI, CI, SI, and RM-2 evaluation at the Twitchell Technical Products property located at 4031 Ross Clark Circle in Dothan, Alabama. A Phase I Site assessment and a Phase II Limited Site investigation was conducted in 2015 in response to an exchange of Site ownership. The 2015 Phase II identified 1,1-DCE and 1,1-DCA above their respective EPA RSLs in groundwater. In response to the detection, Twitchell submitted and was accepted in ADEM's VCP on October 19, 2015. The PI and CI were composed of multiple investigations conducted from late 2015 to mid-2017. Following completion of the CI, a RSL evaluation identified several COCs in groundwater. Groundwater impacts are likely from a historical release of 1,1,1-TCA and 1,4-dioxane as its stabilizer. The use of chlorinated solvents ceased sometime in the late 80s/early 90s and there are no other source areas on-Site. COCs, based solely on RSL comparisons, were identified in indoor and outdoor air and, but the source of indoor air COCs is unknown and could be indicative of ambient conditions based on the groundwater data. COCs were not identified in Site-wide soils or in sediments collected from the former drainage ditch.

A CSM from the initial PI and CI data identified three (3) exposure domains and four (4) potentially complete exposure pathways. An initial PRM-1 and subsequent RM-2 evaluation of pathway-specific COCs was conducted to determine whether Site conditions posed unacceptable risks to identified receptors. The goal of the RM-2 evaluation was to calculate the cumulative CR and HI for each potential exposure pathway for comparison to a TCR of 1.0E-05 and a THI of 1.0. The cumulative risks calculated for all exposure pathways were below the established TCR and THI.

With the conclusion of this report, RPS has conducted a comprehensive investigation and risk assessment that includes multiple lines of evidence to evaluate Site conditions for any potential present or future threats to the public, ecologies, or water supplies that might require an initial or future response. Multiple lines of evidence as it applies to the activities performed at the Site includes, but not limited to:

- Multiple iterations of groundwater, soil, sub-slab soil gas, indoor air, and ambient air investigations that provides adequate characterization of the Site;
- Complete horizontal and vertical delineation of groundwater impacts;
- Development of a Site-specific CSM that depicts the relationship between the chemical source areas, transport mechanisms, receptors, and exposure routes;
- Risk assessment of Site-specific exposure pathways; and
- Evaluating data from a conservative perspective when Site-specific data is not available so that decisions are based on the reasonable worst-case scenario.

RPS's evaluation of data produced from Site investigations have not identified significant indication that Site conditions pose a threat to the public or ecologies for current and future considerations. Groundwater sampling results indicate COCs are confined within the site and protective of workers. The future risk to off-site POEs are considered negligible based on fate and transport analysis of groundwater data projected through a 30-year horizon. Provided a volume of data has been collected with consideration to the most environmentally impactful scenarios and evaluated from a conservative prospective, any unforeseen data gaps or remaining uncertainties likely carry negligible weight to the final assessment. Notably, in respect to the maximum COC concentrations observed which are used to represent Site conditions when constructing fate and transport models. Based on the comprehensiveness of investigations, the complete delineation of environmental impacts, and results of the pathway-specific risk evaluation, RPS recommends issuance of a conditional "Letter of Concurrence" for the Site. Proposed conditions would include an Environmental Covenant for the Site implementing Land Use Controls (LUC) to restrict the consumption and use of groundwater for non-remedial purposes and Activity Use Limitations (AUL) that restricts the Site to industrial use only.

11 REFERENCES

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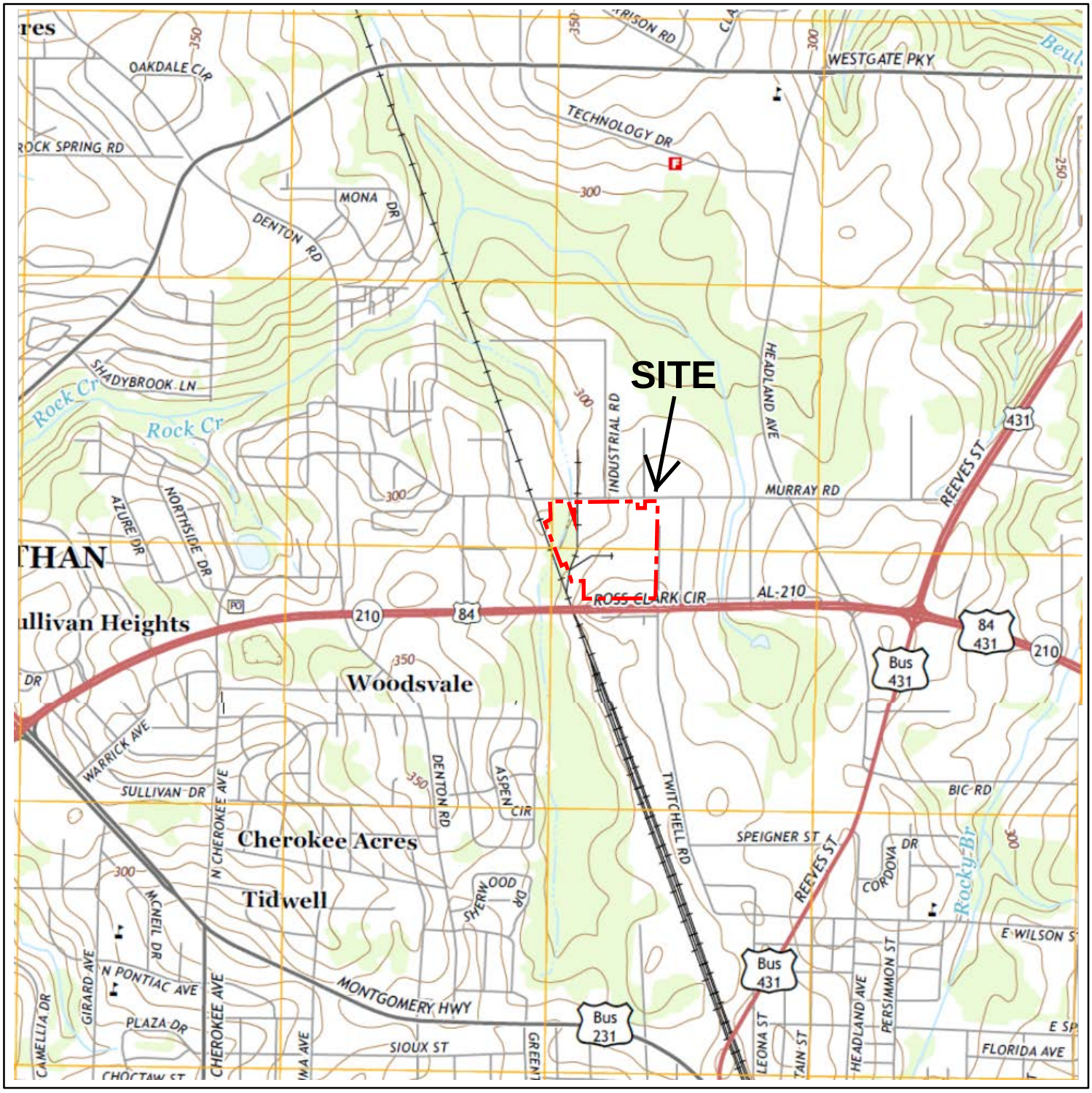
FIGURES



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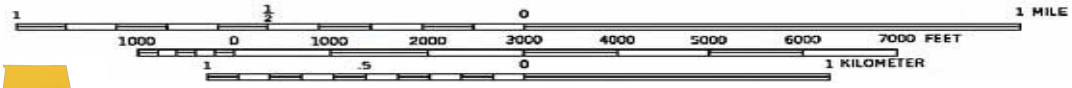


Quadrangle Location

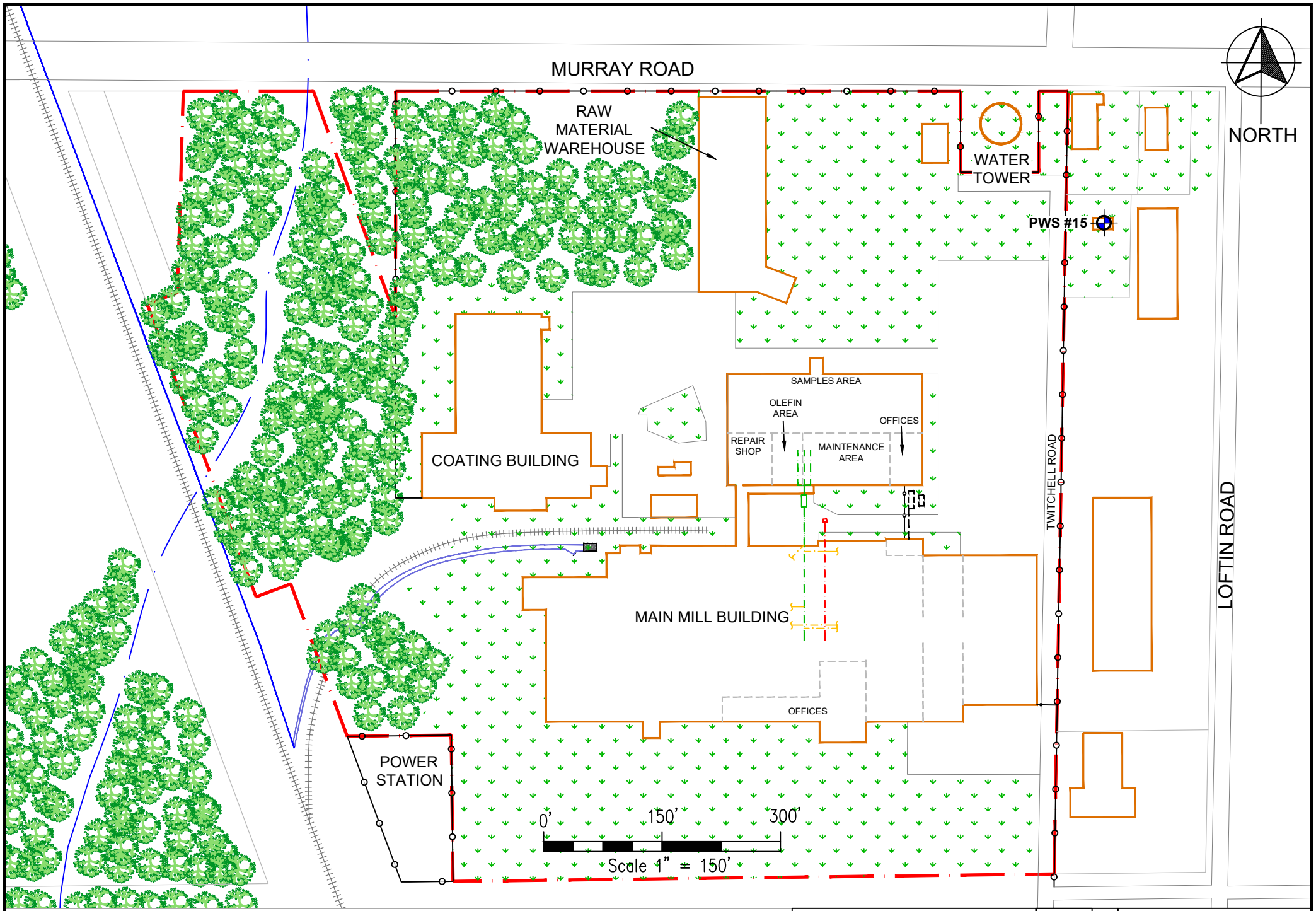
UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
NORWOOD QUADRANGLE
MASSACHUSETTS
7.5 MINUTE SERIES (TOPOGRAPHIC)

2015

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Alabama

FIGURE 1
SITE LOCATION MAP

RPS



LEGEND

- Site Boundary
- Building
- Off-Site Drainage Ditch
- Railroad Tracks
- Former Septic System and Leach Field
- Former Drainage Ditch
- Building Wall
- Parcel Boundary
- Fence
- Former Diesel USTs Location
- Former Dry Well System
- Former Floor Drain Connections
- Intermittent Stream

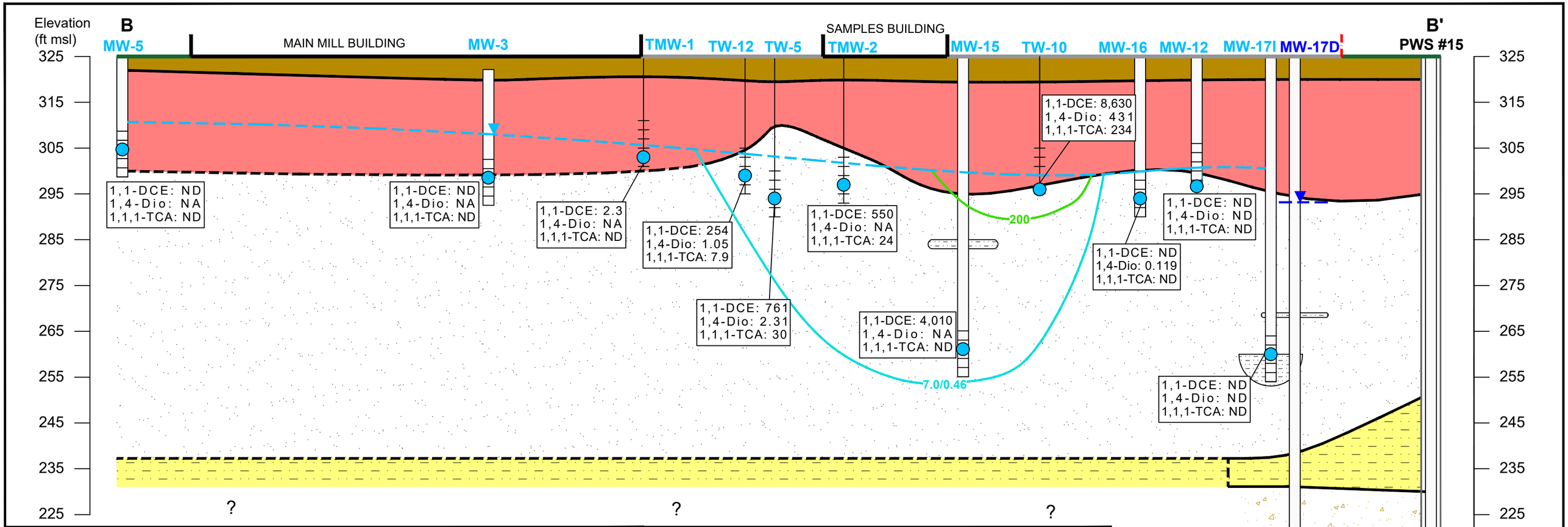
DESCRIPTION:

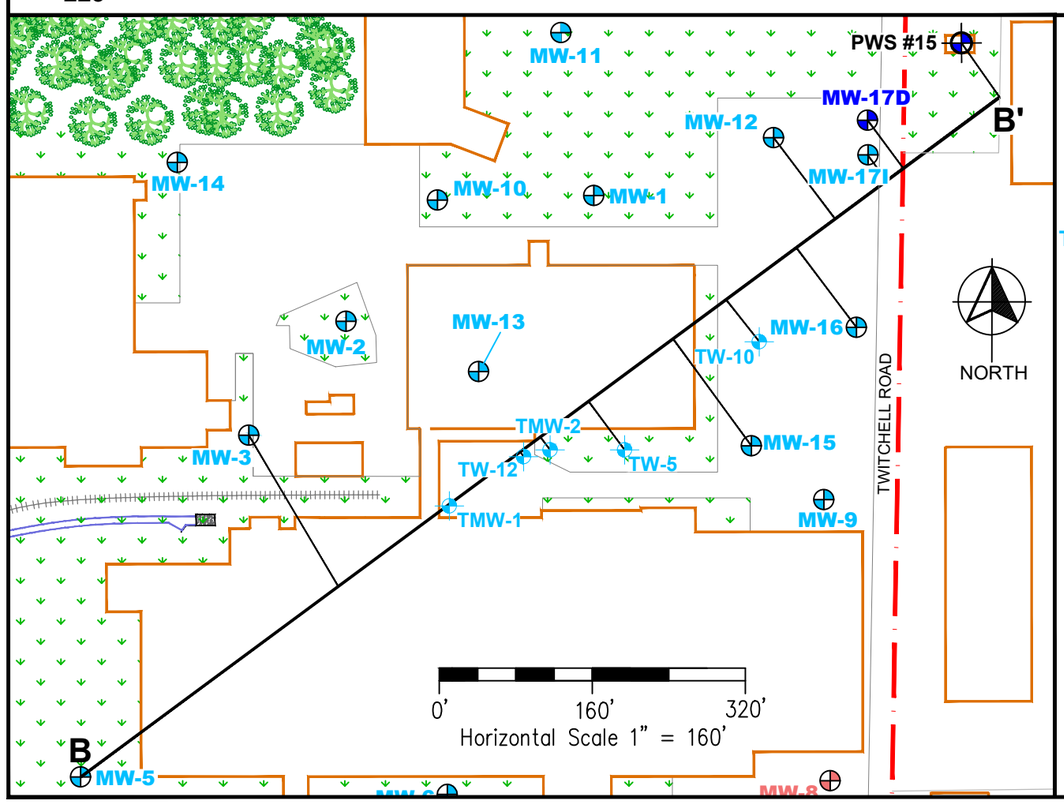
Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS
SCALE: 1"=150'
DATE: 4/9/2016
FILE: 159708.420.00

FIGURE 2
SITE LAYOUT MAP

RPS

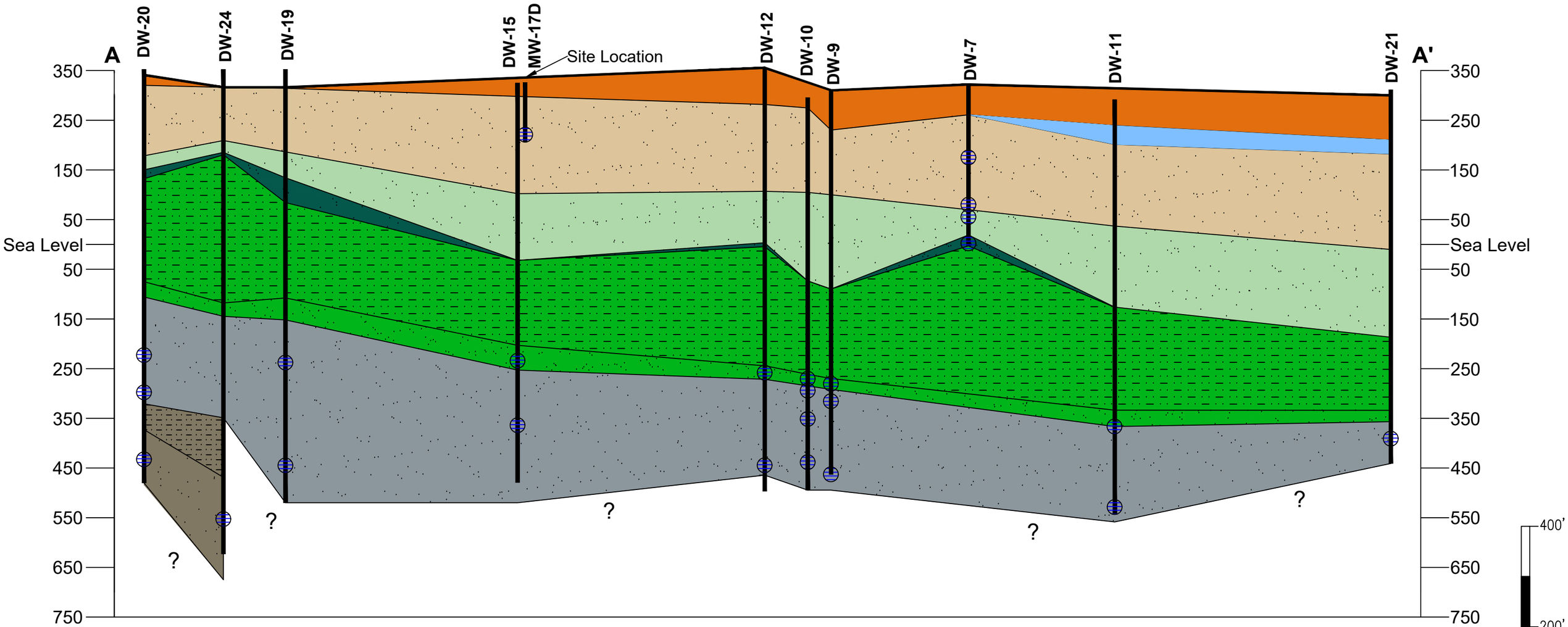


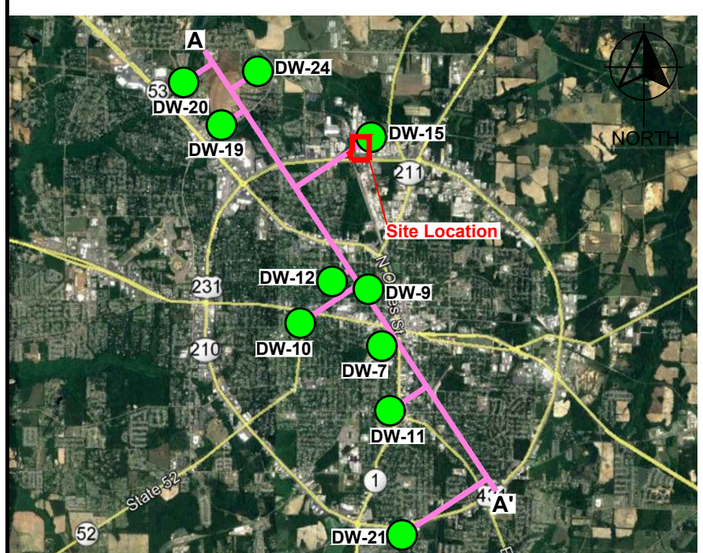


LEGEND

- Site Boundary
- B B' Cross-Section Line
- MW-10 Monitoring Well
- TW-4 Temporary Monitoring Well
- Soil Layer Boundary
- Estimated Soil Layer Boundary
- MW-3 Permanent Monitoring Well
- Groundwater Sample Location
- TW-4 Temporary Monitoring Well
- Shallow Groundwater Level
- Deep Groundwater Level
- Site Building
- Grass
- Asphalt
- Sandy Silt, Brown
- Sand-Silt-Clay Mixture, Mottled Red and White
- Clayey Sand with Thin Discontinuous Fat Clay Layers
- Fat Clay, White to Yellow
- Gravelly Sand, Brown
- Limerock
- 1,1-DCE: 2.3 — COC: Concentration (ug/L)
- ND — Not Detected Above MDL
- NA — Not Analyzed
- 7.0/0.46 — 1,1-DCE / 1,4-Dioxane MCL Concentration Contour
- 200 — 1,1,1-TCA MCL Concentration Contour

DESCRIPTION:	DRAWN:	FIGURE 3
Twitchell Remediation 4031 Ross Clark Circle NW Dothan, AL	GMS	SITE GEOLOGIC CROSS SECTION
	SCALE: Varies	RPS
	DATE: 8/23/2018	FILE:





LEGEND

DW-15
City of Dothan Public Water Supply Well

MW-15
Deepest Site Monitoring Well

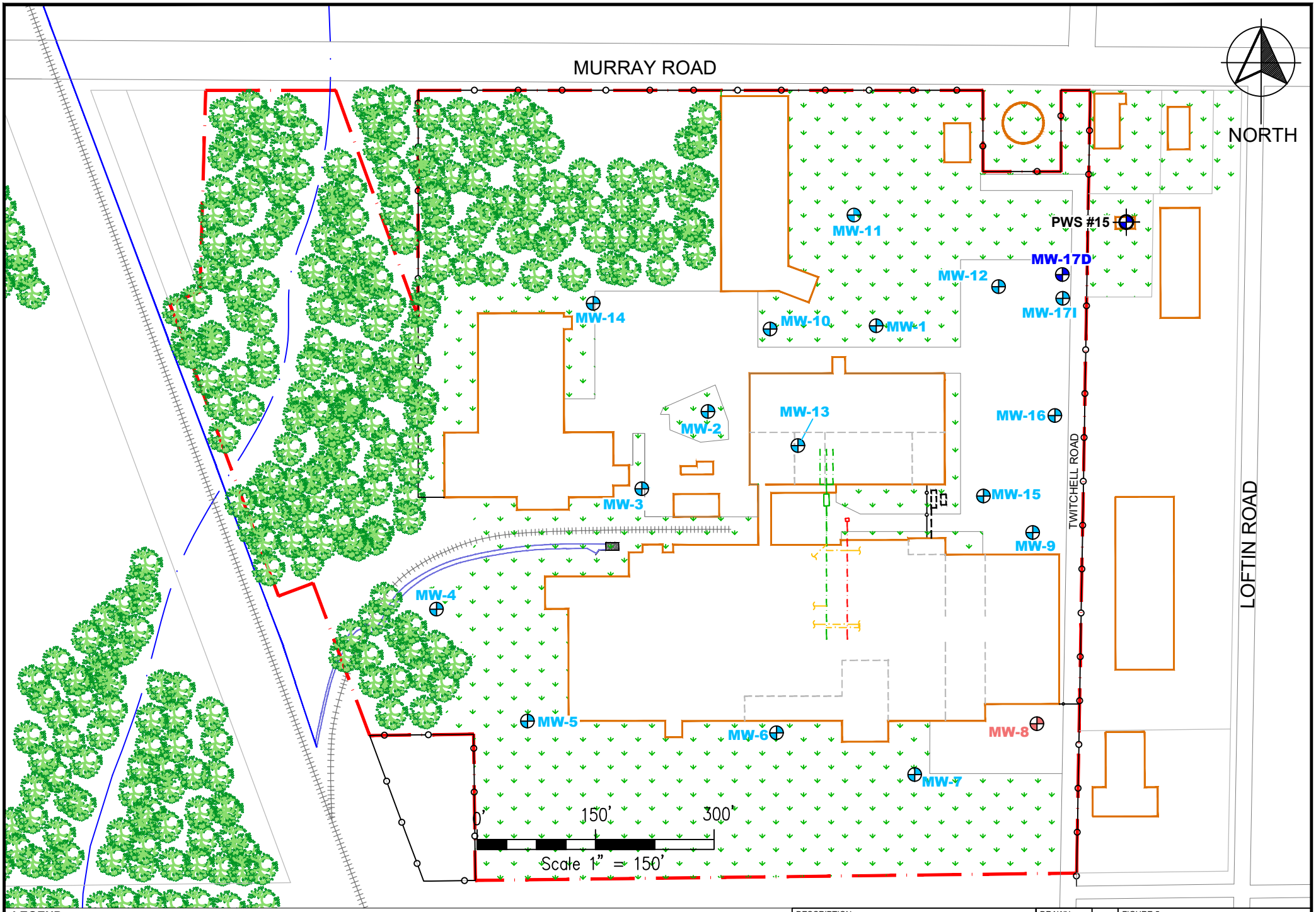
Approximate Mid-Point of Well Screens

Residuum Unit
Ocala Limestone Unit
Lisbon Formation
Tallahatta Formation
Hatchetigbee Formation
Tuscahoma Formation
Nanafalia-Clayton Formation
Providence-Ripley Formation

Confining Unit
Aquifer

Notes: General geologic information gathered from USGS Water-Resources Investigations Report 88-4078, Geohydrology and Susceptibility of Major Aquifers to Surface Contamination in Alabama; Area 12 (1988). Dothan city water supply well logs obtained from Geologic Survey of Alabama's Groundwater Assessment Program well records (http://www2.gsa.state.al.us/gsa/water/well_records.html).

DESCRIPTION:	DRAWN: GMS	FIGURE 4 REGIONAL GEOLOGIC CROSS SECTION
Twitchell Remediation 4031 Ross Clark Circle NW Dothan, AL	SCALE: H: 1"=2,500' V: 1"=200' DATE: 3/26/2018 FILE:	RPS



LEGEND

MW-9 Monitoring Well Screened in Surficial Aquifer

MW-17D Monitoring Well Screened in Deep Aquifer

MW-8 Well Inaccessible as of July 2018

DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS

SCALE: 1"=150'

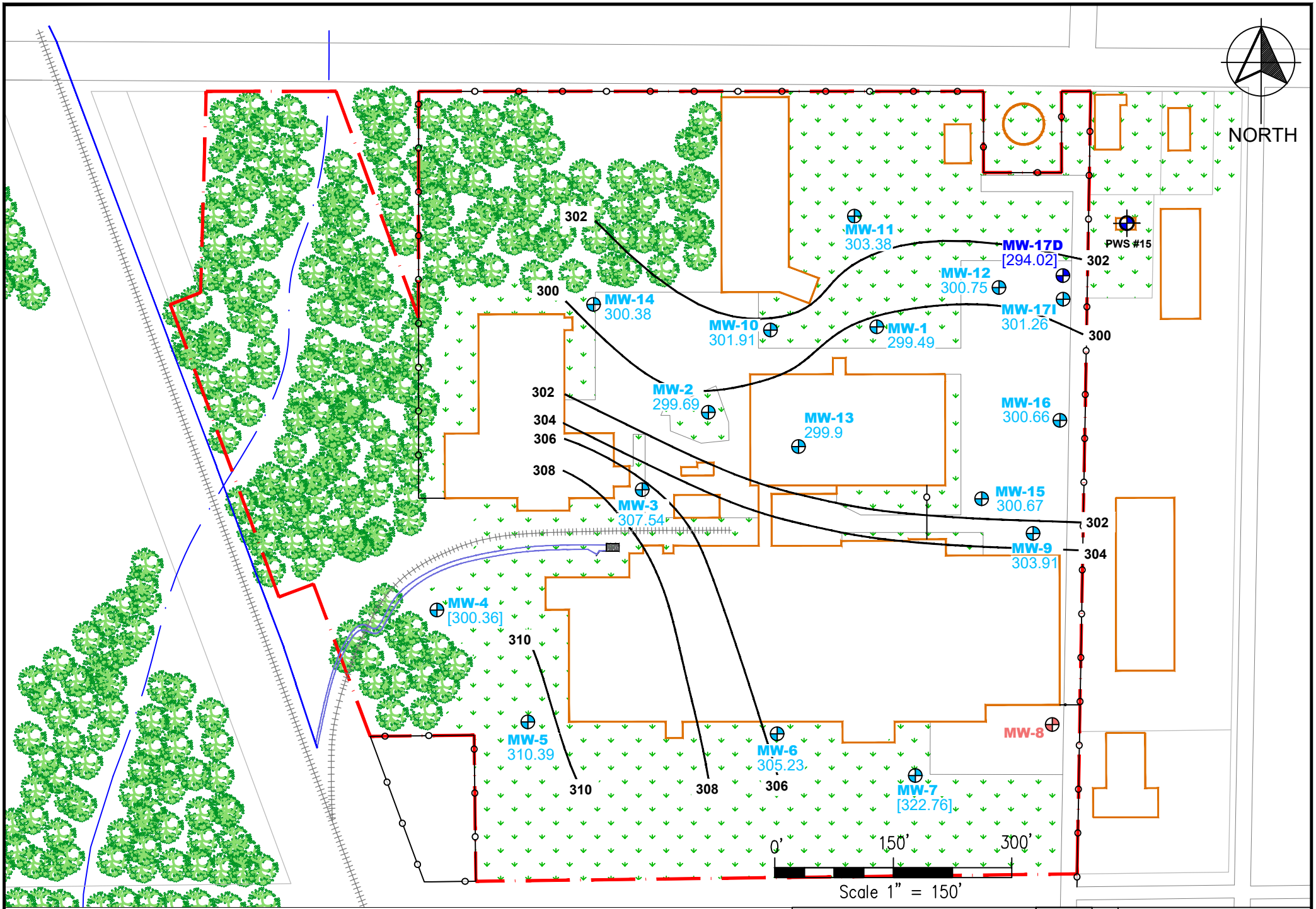
DATE: 8/20/2018

FILE: 159708.420.00

FIGURE 5

MONITORING WELLS

RPS



LEGEND

308	Groundwater Elevation Contour (ft msl)
MW-17D	Deep Monitoring Well
[294.02]	Deep Groundwater Elevation (not used)
MW-1	Shallow Monitoring Well
310.39	Groundwater Elevation (ft msl)
[300.36]	Groundwater Elevation Not Used
MW-8	Well Inaccessible as of July 2018

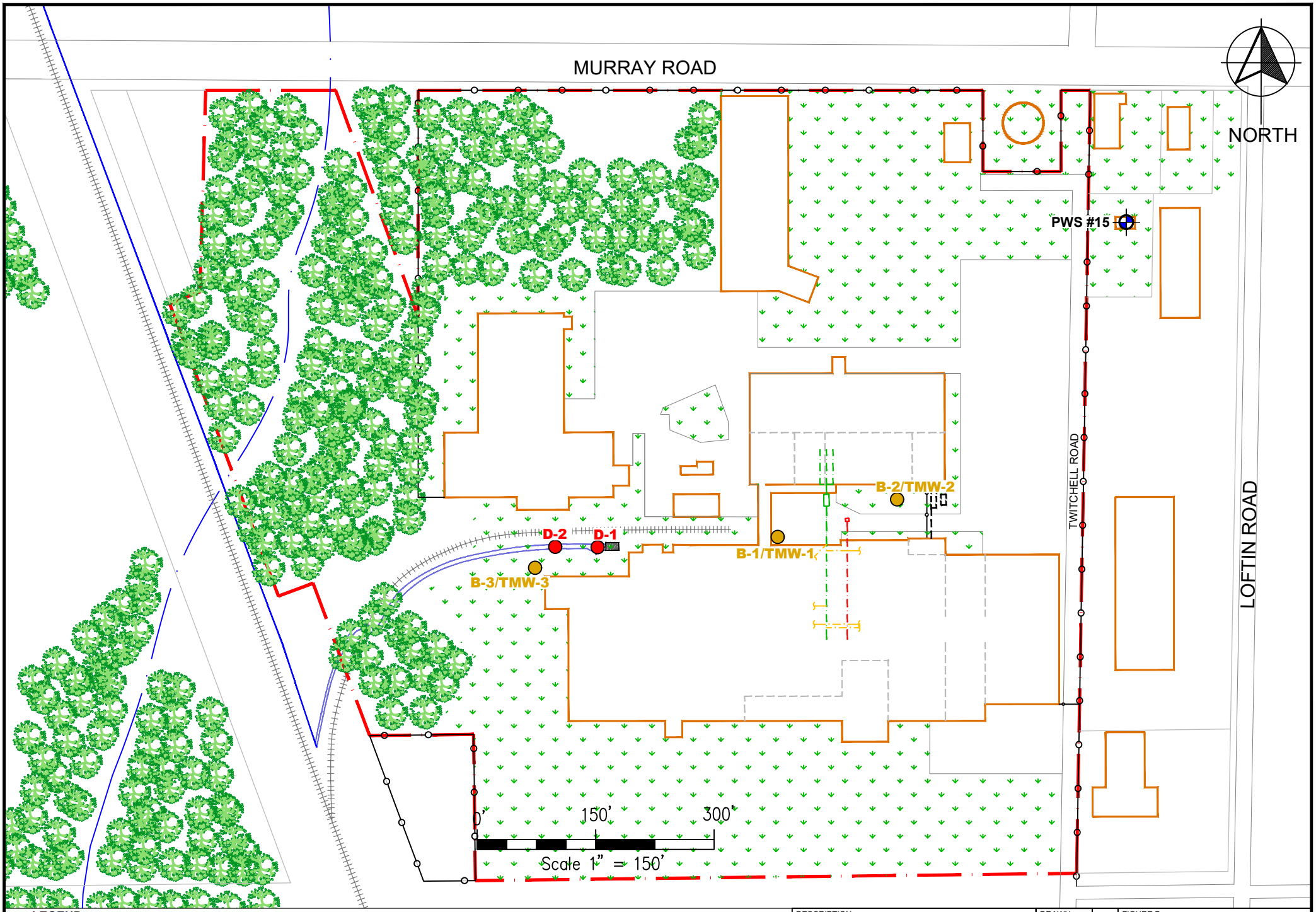
DESCRIPTION:

TWITCHELL REMEDIATION
4031 ROSS CLARK CIRCLE NW
DOTHAN, HOUSTON COUNTY, AL

DRAWN: GMS/JB
SCALE: 1"=150'
DATE: 7-19-18
FILE: 163987.420.00

FIGURE 6 SURFICIAL AQUIFER POTENTIOMETRIC SURFACE MAP JULY 12, 2018

RPS



LEGEND

D-2 Sediment Sample Location

B-3/TMW-3 Soil and Groundwater Sample Location

DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS

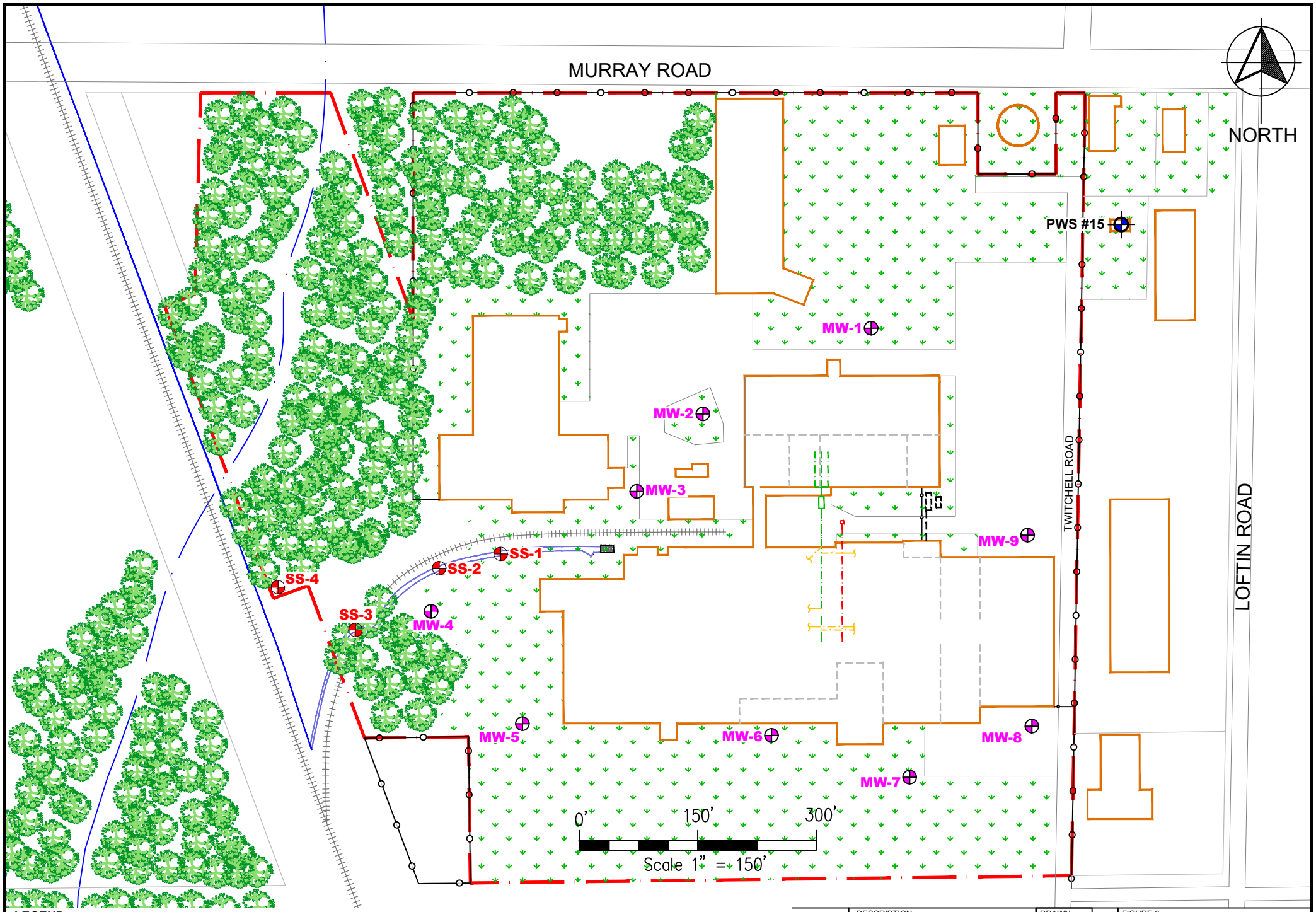
SCALE: 1"=150'

DATE: 7/12/2017

FILE: 159708.420.00

FIGURE 7
2015 PHASE II SAMPLING LOCATIONS

RPS



LEGEND

SS-1 Sediment Sampling Location

MW-1 Shallow and Deep Soil Sampling Location

DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS

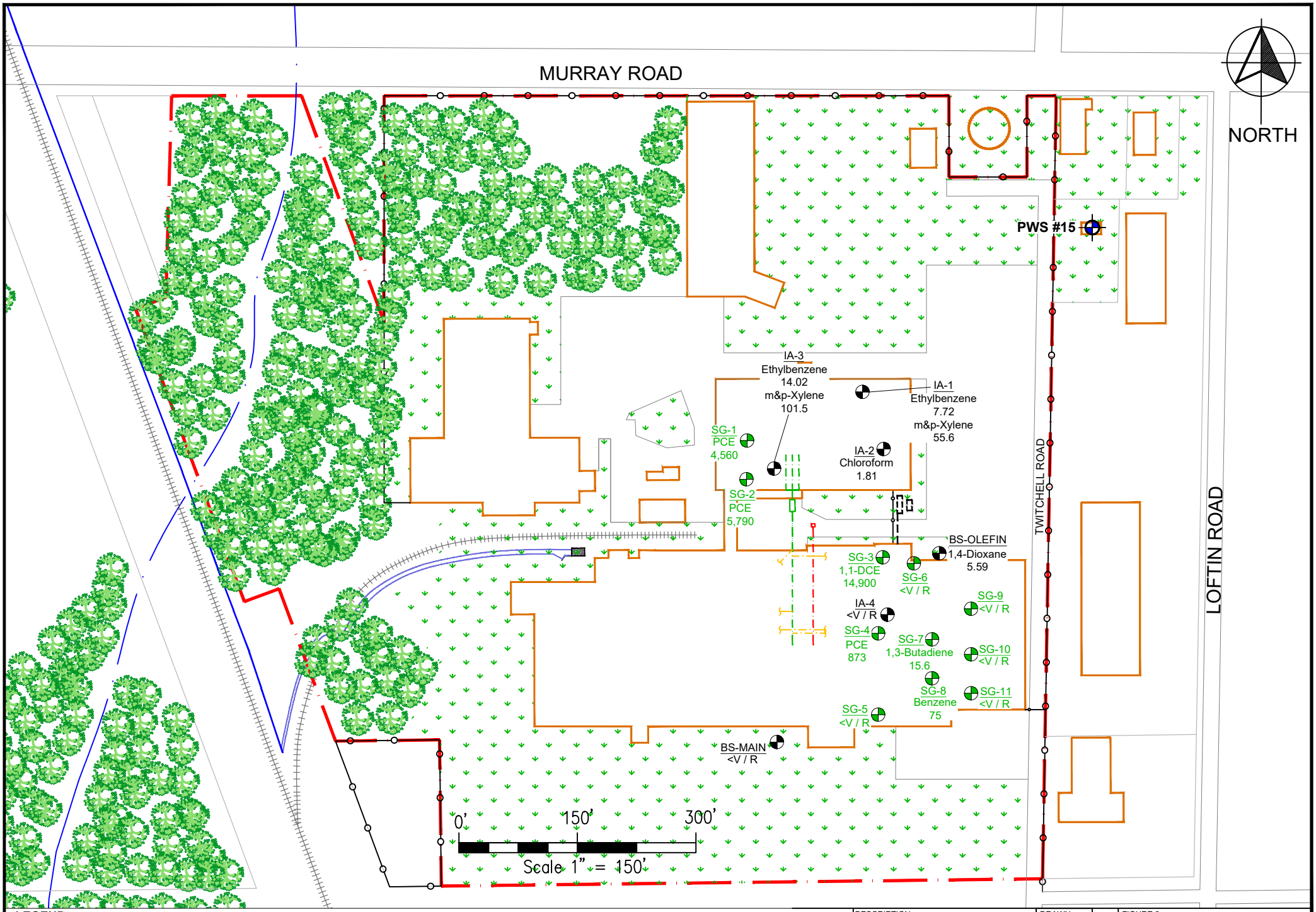
SCALE: 1"=150'

DATE: 7/12/2017

FILE: 159708.420.00

FIGURE 8
PRELIMINARY INVESTIGATION SOIL AND SEDIMENT SAMPLING LOCATIONS

RPS



LEGEND

IA-4 Indoor and Background Air Sampling Location

SG-3 Sub-Slab Soil Gas Locations

1,1-DCE Chemical above VISL or EPA
14,900 RSL Concentration (ug/m3)

<V / R All chemicals below respective VISLs or EPA RSLs

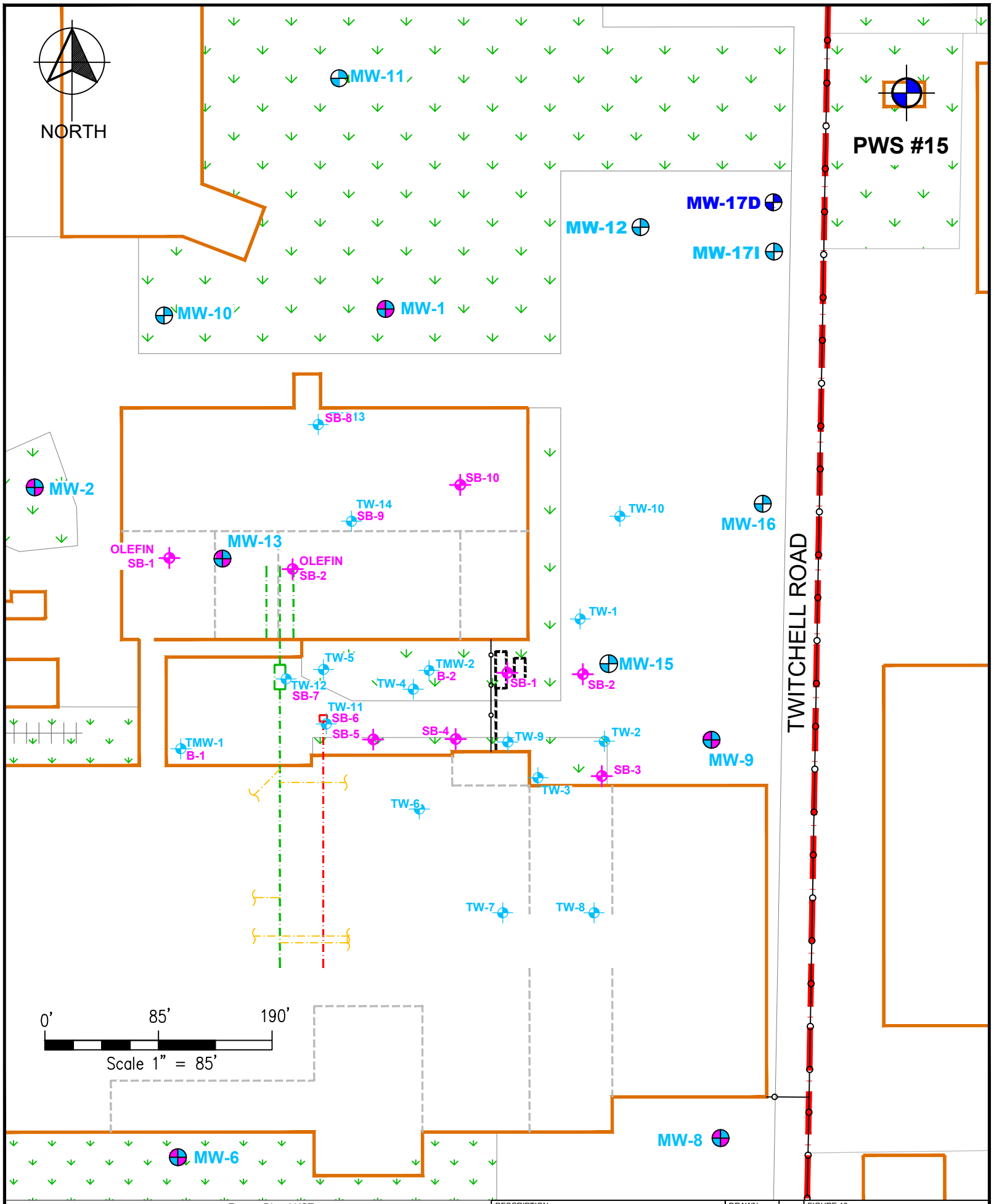
Note:
Only chemicals identified above VISLs or EPA RSLs are shown in the figure.

DESCRIPTION:
Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS
SCALE: 1"=150'
DATE: 7/12/2017
FILE: 159708.420.00

FIGURE 9
SUB-SLAB, INDOOR, AND BACKGROUND AIR SAMPLING LOCATIONS

RPS



LEGEND

- Former Septic System
- Former Dry Well System
- Former Floor Drain Connections
- Former Diesel USTs Location
- MW-1 Groundwater and Soil Sampling Location
- MW-17D Monitoring Well Screened in Deep Aquifer
- MW-1 Shallow Monitoring Well
- Soil Sampling Location
- Temporary Monitoring Well and Soil Sampling Location

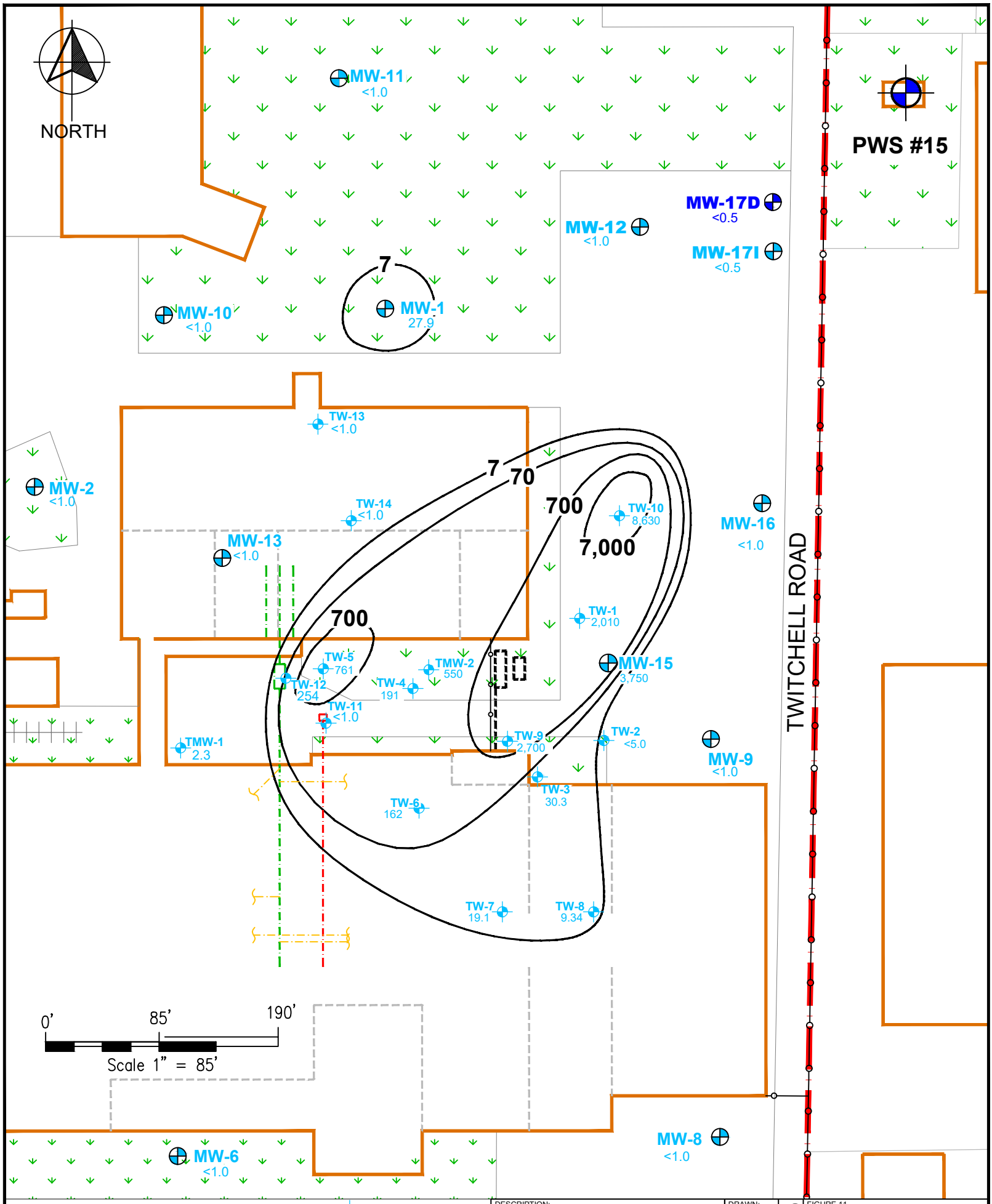
DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS
SCALE: 1"=85'
DATE: 7/11/2017
FILE: 163987.420.00

FIGURE 10
COMPREHENSIVE INVESTIGATION
SOURCE AREA SAMPLING LOCATIONS

RPS



LEGEND

- Former Septic System
- Former Dry Well System
- Former Floor Drain Connections
- Former Diesel USTs Location
- MW-10 Shallow Monitoring Well
- MW-17D Deep Monitoring Well
- Temporary Monitoring Well
- 19.1 1,1-DCE Concentration (ug/L)
- 7 1,1-DCE Contour Based On EPA MCL (ug/L)

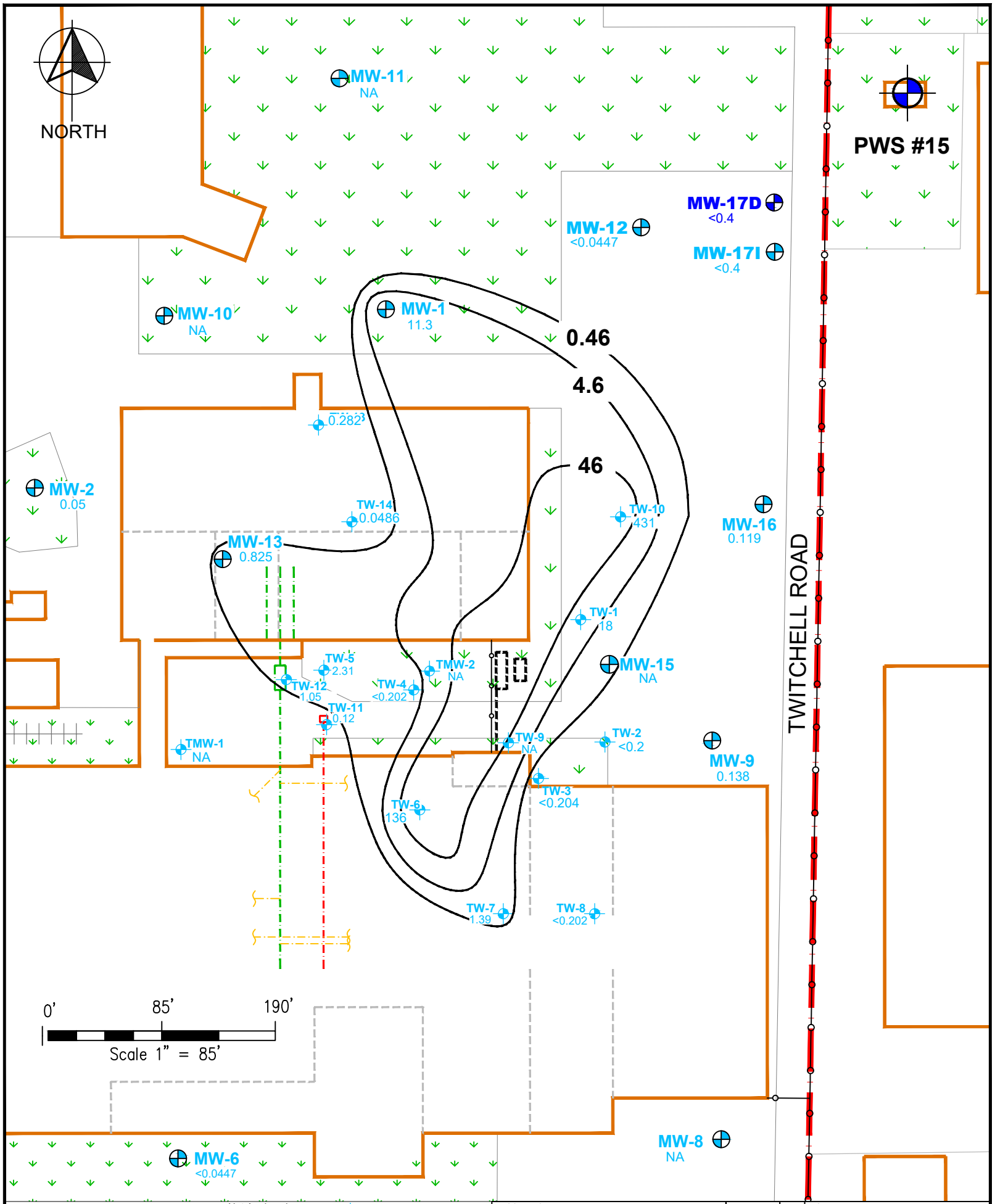
DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS
SCALE: 1"=85'
DATE: 7/11/2017
FILE: 163987.420.00

FIGURE 11
1,1-DICHLOROETHENE IN GROUNDWATER

RPS



LEGEND

- Former Septic System
- Former Dry Well System
- Former Floor Drain Connections
- NA — Not Analyzed
- Former Diesel USTs Location
- MW-10 — Shallow Monitoring Well
- MW-17D — Deep Monitoring Well
- Temporary Monitoring Well
- 1.39 — 1,4-Dioxane Concentration (ug/L)
- 0.46 — 1,4-Dioxane Contour Based On Tapwater RSL (ug/L)

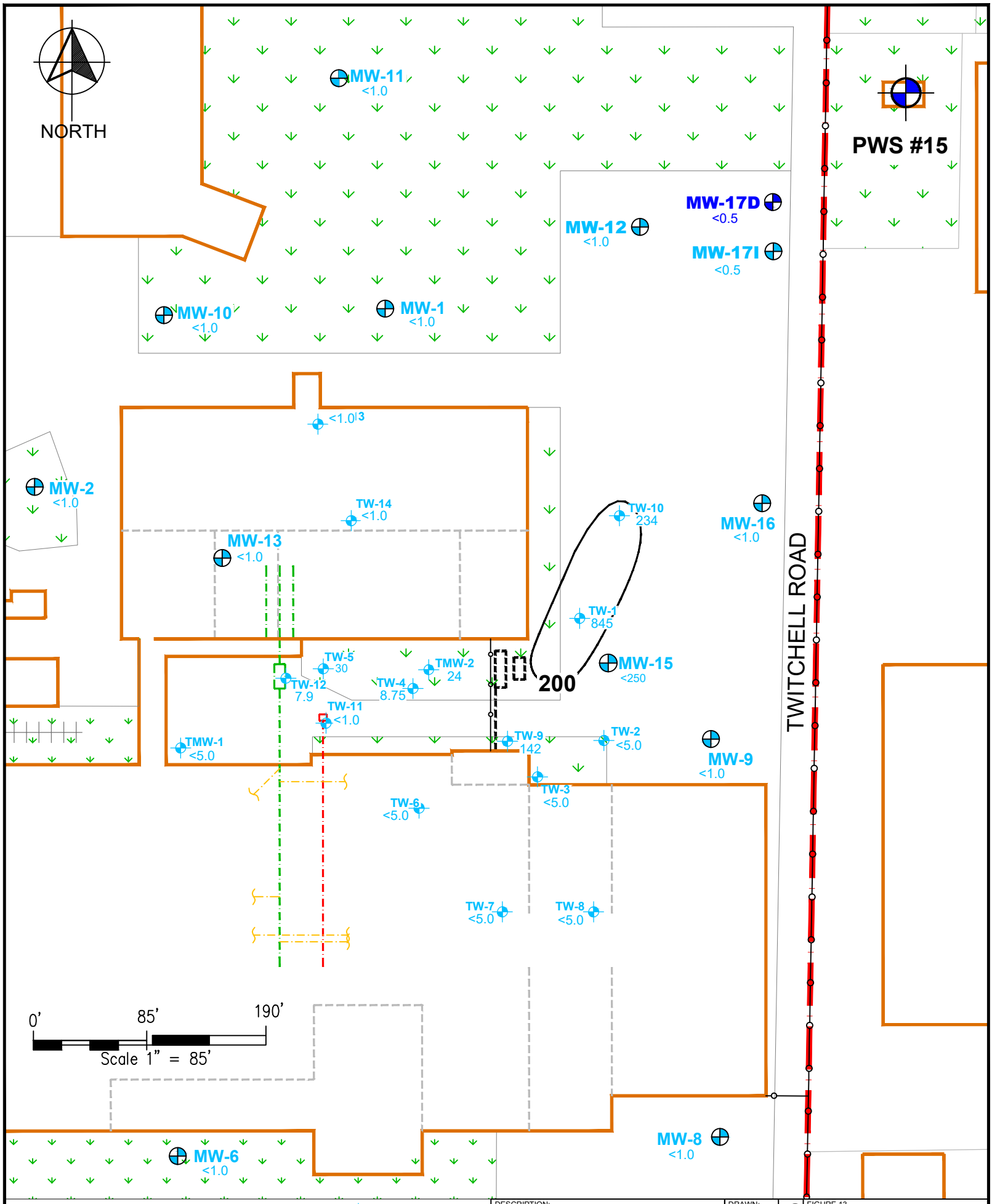
DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS
SCALE: 1"=85'
DATE: 7/11/2017
FILE: 163987.420.00

FIGURE 12
1,4-DIOXANE IN GROUNDWATER

RPS


NORTH
MW-11
<1.0
PWS #15
MW-17D
<0.5
MW-12
<1.0
MW-17I
<0.5
MW-10
<1.0
MW-1
<1.0
<1.0
3
MW-2
<1.0
TW-14
<1.0
TW-10
234
MW-16
<1.0
MW-13
<1.0
TW-1
845
TWITCHELL ROAD
TW-5
30
TMW-2
24
MW-15
<250
TW-12
7.9
TW-4
8.75
200
TW-11
<1.0
TMW-1
<5.0
TW-9
142
TW-2
<5.0
MW-9
<1.0
TW-3
<5.0
TW-6
<5.0
TW-7
<5.0
TW-8
<5.0
0'
85'
190'
Scale 1" = 85'
MW-8
<1.0
MW-6
<1.0
LEGEND
Former Septic System
Former Dry Well System
Former Floor Drain Connections
Former Diesel USTs Location
MW-10 Shallow Monitoring Well
MW-17D Deep Monitoring Well
Temporary Monitoring Well
<5.0 1,1,1-TCA Concentration (ug/L)
200 1,1,1-TCA Contour Based On EPA MCL (ug/L)
DESCRIPTION:
Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL
DRAWN: GMS
SCALE: 1"=85'
DATE: 7/11/2017
FILE: 163987.420.00
FIGURE 13
1,1,1-TRICHLOROETHANE IN GROUNDWATER
RPS

Impacted Media	Transport Mechanisms	Exposure Routes	Potential Receptors																			
			Current										Future									
			Onsite					Offsite				Onsite					Offsite			
			Residents-Child	Trespasser - Adolescent	Residents - Adult	Commercial Workers	Construction Workers	Residents-Child	Residents - Adult	Commercial Workers	Construction Workers	Residents-Child	Trespasser - Adolescent	Residents - Adult	Commercial Workers	Construction Workers	Residents-Child	Residents - Adult	Commercial Workers	Construction Workers
Air Vapors		Indoor Inhalation				**ED-1** CR: 8.3E-06 HI: 0.28									**ED-1** CR: 8.3E-06 HI: 0.28					
		Outdoor Inhalation																		
Surficial Soils	Wind Erosion/Dispersion/ Volatilization/Vapor Migration	Inhalation of vapors & particulates, Dermal Contact and Ingestion																		
		Leaching to Groundwater																		
Subsurface Soils	Volatilization/Vapor Migration	Indoor Inhalation																		
		Outdoor Inhalation																		
		Dermal Contact and Ingestion																		
		Leaching to Groundwater																		
Groundwater	Volatilization/Vapor Migration	Indoor Inhalation				**ED-1** CR: 1.1E-07 HI: 0.12									**ED-1** CR: 1.1E-07 HI: 0.12					
		Outdoor Inhalation																		
		Indoor Inhalation				**ED-2** CR: 2.8E-09 HI: 4.1E-04									**ED-2** CR: 2.8E-09 HI: 4.1E-04					
		Outdoor Inhalation																		
		Ingestion and Inhalation during Domestic Use					NA				NA					NA	**ED-3 (λ=0)** CR: 4.0E-05 HI: 0.61 **ED-3 (λ>0)** CR: 4.4E-07 HI: 0.01	**ED-3 (λ=0)** CR: 4.0E-05 HI: 0.56 **ED-3 (λ>0)** CR: 4.4E-07 HI: 0.01		NA

	Yes	No
Free Product?		X
Utilities Threatened?		X
Surface Waters within a 500-foot radius		X
Ecological Receptors?		X

Notes:

- Indicates potential indirect pathway
- Indicates potential direct pathway
- Pathway is considered incomplete
- NA Not applicable as per the ADEM policy

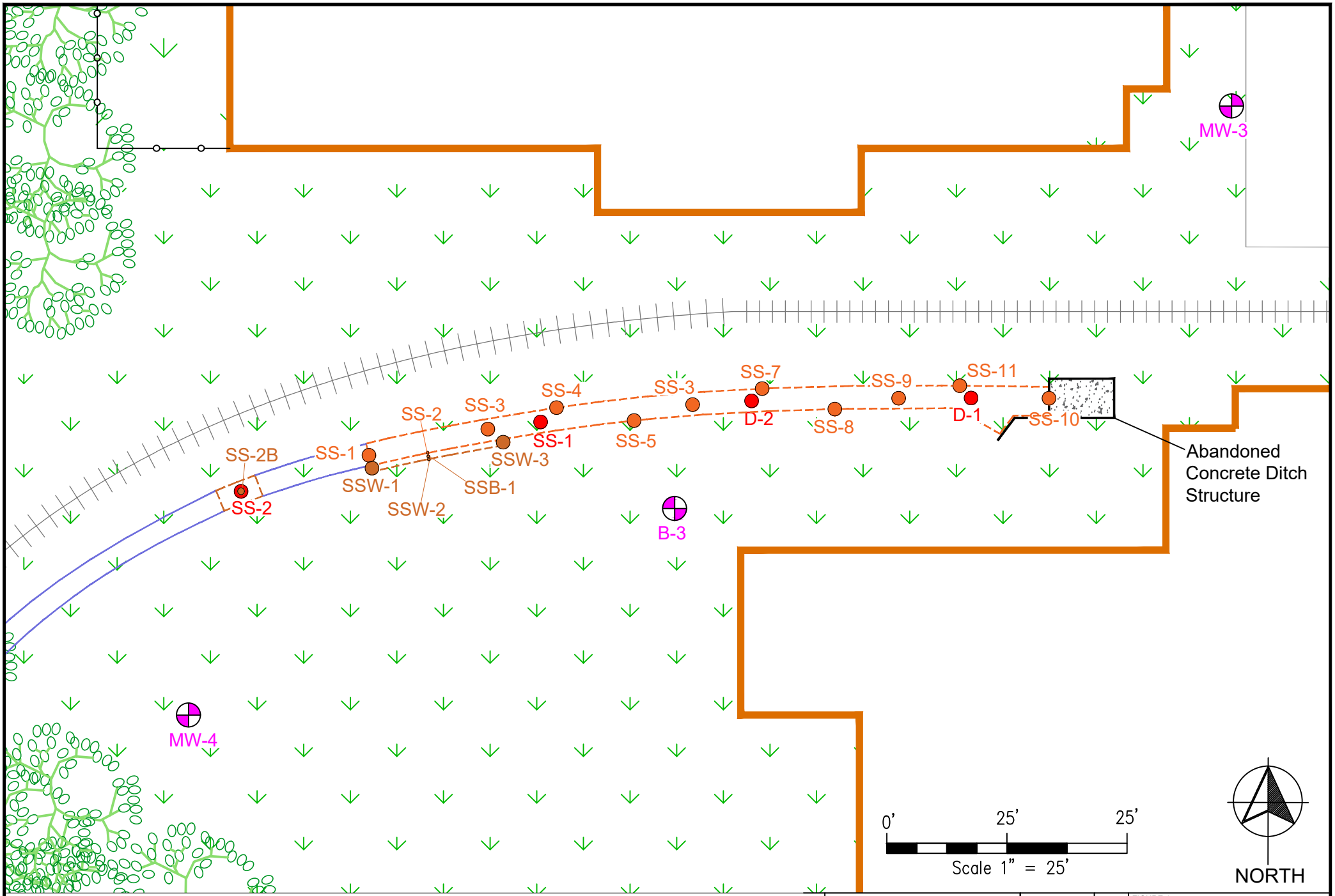
ED = Exposure Domain

CR = Cumulative cancer risk calculated using ED-specific COCs

HI = Cumulative hazard index calculated using ED-specific COCs

λ = Chemical-specific decay constant (day^{-1})

DESCRIPTION:	DRAWN:	FIGURE 14
Twitchell Remediation 4031 Ross Clark Circle NW Dothan, Houston County, AL	GMS	CONCEPTUAL SITE MODEL GRAPHICAL DISPLAY
	SCALE: NA	
	DATE: 9/10/2018	RPS
	FILE:	



LEGEND

- Building
- Railroad Tracks
- Fence
- Floor of Former Drainage Ditch
- D-1/SS-1 Sediment Sampling Location (June/November 2015)
- B-3/MW-4 Soil Boring Sampling Location (June/November 2015)
- Extent of 1st Excavation
- Extent of 2nd Excavation
- SS-1 Confirmation Soil Sampling from 1st Excavation Event
- SSW-1 Confirmation Soil Sampling from 1st Excavation Event

DESCRIPTION:

Twitchell Remediation
4031 Ross Clark Circle NW
Dothan, Houston County, AL

DRAWN: GMS

SCALE: 1"=25'

DATE: 8/22/18

FILE: 159708.420.00

FIGURE 15

EXCAVATION OF FORMER DRAINAGE DITCH MAP

RPS

TABLES

Table 1
Groundwater Elevation Summary

Monitoring Well	Well Installation Date	Top of Casing Elevation (ft msl)	Well Depth from Top of Casing (ft)	Well Depth Elevation (ft msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft msl)
					July 12, 2018	
MW-1	11/16/2015	322.44	29.4	293.04	22.95	299.49
MW-2	11/16/2015	318.33	35.3	283.03	18.64	299.69
MW-3	11/18/2015	321.64	29.63	292.01	14.1	307.54
MW-4	11/17/2015	313.08	29.45	283.63	12.72	300.36
MW-5	11/17/2015	324.71	26.31	298.4	14.32	310.39
MW-6	11/17/2015	327.97	29.78	298.19	22.74	305.23
MW-7	11/17/2015	328.98	27.3	301.68	6.22	322.76
MW-8	11/18/2015	328.38	34.94	293.44	NM(2)	NA
MW-9	11/28/2015	326.19	34.93	291.26	22.28	303.91
MW-10(1)	4/20/2016	319.6	30.07	289.53	17.69	301.91
MW-11(1)	4/19/2016	319.64	35.14	284.5	16.26	303.38
MW-12(1)	4/19/2016	325.54	29.4	296.14	24.79	300.75
MW-13(1)	4/20/2016	325.26	36.98	288.28	25.36	299.9
MW-14(1)	8/5/2016	308.81	27.90	280.91	8.43	300.38
MW-15(1)	8/5/2016	325.97	69.90	256.07	25.3	300.67
MW-16(1)	6/1/2017	325.75	35.00	290.75	25.09	300.66
MW-17I(1)	7/11/2018	325.65	70.80	254.85	24.39	301.26
MW-17D(1)	7/11/2018	325.85	120.40	205.45	31.83	294.02

Notes:
(1) Top of casing elevation determined using a LaserMark Survey and measured from existing wells
(2) Monitoring well inaccessible as of July 2018 due to a new layer of asphalt paving covering the well.

Definitions:
ft = feet
msl = mean sea level
NM = Not Measure
NA = Not Applicable

Table 2
Preliminary Investigation
Sediments Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Sediment Screening Levels	Sediment Sampling Results					
Sample ID	US EPA	D-1	D-2	SS-1	SS-2	SS-3	SS-4
Sample Depth (Feet)	Industrial Soil	0 - 0.5	0 - 0.5	0 - 1	0 - 1	0 - 1	0 - 1
Analytes	RSLs[1]	6/8/15	6/8/15	11/17/15	11/17/15	11/17/15	11/17/15
Volatile Organic Compounds EPA Method 8260B	*mg/kg*	*mg/kg*					
Acetone	67,000	0.26	-	NA	NA	NA	NA
2-Butanone (MEK)	19,000	0.063	-	NA	NA	NA	NA
Methylene Chloride	320	0.0086	0.016	NA	NA	NA	NA
Methyl Tert Butyl Ether	210	0.0056	0.0014	NA	NA	NA	NA
Tetrachloroethene	39	-	-	NA	NA	NA	NA
Toluene	4,700	0.0023	-	NA	NA	NA	NA
1,2,4-Trimethylbenzene	180	0.0024	-	NA	NA	NA	NA
1,2,3-Timethylbenzene	200	0.0033	-	NA	NA	NA	NA
Total Xylenes	250	0.01	-	NA	NA	NA	NA
Other VOCs	Varies	-	-	NA	NA	NA	NA
BTEX EPA Methods 8015/8021	*mg/kg*	*mg/kg*					
Benzene	5.1	NA	NA	-	-	-	-
Ethylbenzene	25	NA	NA	-	-	-	-
Toluene	4,700	NA	NA	-	-	-	-
Total Xylenes	250	NA	NA	-	-	-	-
Polynuclear Aromatic Hydrocarbons EPA Method 8270	*mg/kg*	*mg/kg*					
Benz(a)anthracene	21	NA	NA	-	-	-	0.209
Benzo(a)pyrene	2.1	NA	NA	-	-	-	0.453
Benzo(b)fluoranthene	21	NA	NA	-	-	-	0.82
Benzo(g,h,i)perylene	NE	NA	NA	-	-	-	0.306
Benzo(k)fluoranthene	210	NA	NA	-	-	-	0.235
Chrysene	2,100	NA	NA	-	-	-	0.383
Indeno(1,2,3-cd)pyrene	21	NA	NA	-	-	-	0.283
Pyrene	2,300	NA	NA	-	-	-	0.366
Other PAHs	Varies	NA	NA	-	-	-	-
Total Petroleum Hydrocarbons EPA Method 8015/8021	*mg/kg*	*mg/kg*					
TPH Gasoline Range Organics	NE	-	-	-	-	-	0.12

Table 2
Preliminary Investigation
Sediments Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Sediment Screening Levels	Sediment Sampling Results					
Sample ID	US EPA	D-1	D-2	SS-1	SS-2	SS-3	SS-4
Sample Depth (Feet)	Industrial Soil	0 - 0.5	0 - 0.5	0 - 1	0 - 1	0 - 1	0 - 1
Analytes	RSLs[1]	6/8/15	6/8/15	11/17/15	11/17/15	11/17/15	11/17/15
Total Petroleum Hydrocarbons EPA Method 8015	*mg/kg*	*mg/kg*					
TPH Diesel Range Organics	NE	11,000	670	-	114,000	-	-
TPH Oil Range Organics	NE	27,000	920	48.2	88,600	-	62.4
Total RCRA Metals - EPA Methods 6010B; 7471	*mg/kg*	*mg/kg*					
Arsenic	3.0	**6.4**	2.8	NA	NA	NA	NA
Barium	22,000	28	36	NA	NA	NA	NA
Cadmium	98	2.4	4.8	NA	NA	NA	NA
Chromium	NE	10	22	NA	NA	NA	NA
Lead	800	25	18	NA	NA	NA	NA
Mercury	4.6	0.066	0.81	NA	NA	NA	NA

Notes:
(1) Soil sampling results compared to the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for industria based on a Target Cancer Risk (TCR) of 1.0E-06 and a Target Hazard Quotient (THQ) of 0.1 (June 2017).
(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:
NE = Not Established for Constituent of Concern.
mg/kg = milligrams per kilogram
- = Not detected above laboratory method detection limits
NA = Not Analyzed
Bold = Exceeds respective RSL

Table 3
Preliminary Investigation
Soil Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Soil Screening Levels	Soil Sampling Results																					
Sample ID	US EPA Industrial	B-1	B-2	B-3	TW-1 (MW-1)	TW-1 (MW-1)	TW-2 (MW-2)	TW-2 (MW-2)	MW-3	MW-3	DUP-2 (MW-3)	MW-4	MW-4	MW-5	MW-5	MW-6	MW-6	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9
Sample Depth (Feet)	Soil RSLs[1]	0 - 4	0 - 4	12 - 16	1	15	1	15	0 - 4	8	0 - 4	1	12	1	15	1	12	1	10	1	8	1	8
Analytes		6/8/2015	6/8/2015	6/8/2015	11/16/15	11/16/15	11/16/15	11/16/15	11/18/15	11/18/15	11/18/15	11/17/15	11/17/15	11/17/15	11/17/15	11/17/15	11/17/15	11/17/15	11/17/15	11/18/15	11/18/15	11/18/15	11/18/15
Volatile Organic Compounds EPA Method 8260B	*mg/kg*											*mg/kg*											
Acetone	67,000	-	-	-	0.985	-	-	-	-	-	-	0.732	-	0.55	-	-	-	-	-	-	-	-	-
Tetrachloroethene	39	0.0031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other VOCs	Varies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polynuclear Aromatic Hydrocarbons EPA Method 8270	*mg/kg*											*mg/kg*											
PAHs	Varies	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total RCRA Metals - EPA Methods 6010B; 7471	*mg/kg*											*mg/kg*											
Arsenic	3.0	NA	NA	1.2	2.52	-	2.1	-	2.53	**3.46**	**3.32**	**5.0**	-	2.63	-	**3.5**	-	2.62	-	**3.4**	2.15	2.31	**3.33**
Barium	22,000	NA	NA	6.1	31.4	5.05	14.2	1.52	79	33.9	29.3	16.5	16.4	24.4	2.84	8.43	2.97	7.52	2.54	14.5	4.49	47.4	8.47
Cadmium	98	NA	NA	-	-	-	-	-	1.86	-	0.847	-	-	-	-	-	-	-	-	-	-	-	-
Total Chromium	NE	NA	NA	3.4	14.6	7.43	14	7.18	19.8	27.8	22.1	36.8	23.5	17.5	10.2	18.6	3.79	21.1	3.74	26	7.11	14.4	21.4
Lead	800	NA	NA	5.6	6.91	3.36	7.05	2.65	20.9	7.09	11.9	6.91	11.9	5.09	1.79	3	2.83	4.57	1.98	4.47	3.98	5.69	3.57
Mercury	4.6	NA	NA	0.032	0.0326	-	0.0494	-	0.0234	-	0.118	0.0266	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (TPH) EPA Method 8015B	*mg/kg*											*mg/kg*											
TPH Diesel Range Organics (C10-C2	NE	6.1	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH Motor Oil Range Organics (C28	NE	12	1.9	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) Soil sampling results compared to the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for industrial soils based on a Target Cancer Risk (TCR) of 1.0E-06 and a Target Hazard Quotient (THQ) of 0.1 (June 2017).
(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:
NE = Not Established for Constituent of Concern.
mg/kg = milligrams per kilogram
- = Not detected above laboratory method detection limits
NA = Not Analyzed
Bold = Exceeds respective RSL

Table 4
Preliminary Investigation
Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Groundwater Screening Levels		Groundwater Sampling Results												
Sample ID	US EPA Drinking Water MCLs[1]	US EPA Tapwater RSLs[2]	TMW-1	TMW-2	TMW-3	MW-1	MW-2	MW-3	MW-4	DUP (MW-4)	MW-5	MW-6	MW-7	MW-8	MW-9
Analytes			6/8/15	6/8/15	6/8/15	11/17/15	11/17/15	11/19/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/19/15	11/19/15
Volatile Organic Compounds EPA Method 8260B	*µg/L*		*µg/L*												
1,1,1-Trichloroethane	200	800	-	24	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	5.0	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	NE	2.8	-	**8.0**	-	**5.76**	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	5.0	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7.0	28	2.3	**550**	1.0	**27.9**	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	NE	630	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	NE	1,400	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	NE	6.2	-	-	0.35	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	5.0	0.46	-	**3.3**	-	-	-	-	-	-	-	-	-	-	-
Chloroform	80	0.22	**8.2**	**0.83**	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl ether	NE	14	-	-	0.37	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5.0	4.1	-	0.94	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000	110	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5.0	0.28	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	NE	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene	NE	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	NE	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	10,000	19	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	NE	0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other VOCs	Varies	Varies	-	-	-	-	-	-	-	-	-	-	-	-	-
Polynuclear Aromatic Hydrocarbons EPA Method 8270	*µg/L*		*µg/L*												
Benzo(a)anthracene	NE	0.03	0.0073	0.0073	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.025	-	-	0.012	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	NE	0.25	-	-	0.0074	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	NE	NE	-	-	0.0044	-	-	-	-	-	-	-	-	-	-
Fluoranthene	NE	80	-	-	0.02	-	-	-	-	-	-	-	-	-	-
Fluorene	NE	29	0.022	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	NE	1.1	0.58	-	-	-	-	-	-	-	-	-	-	-	-

Table 4
Preliminary Investigation
Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Groundwater Screening Levels		Groundwater Sampling Results												
Sample ID	US EPA Drinking Water MCLs[1]	US EPA Tapwater RSLs[2]	TMW-1	TMW-2	TMW-3	MW-1	MW-2	MW-3	MW-4	DUP (MW-4)	MW-5	MW-6	MW-7	MW-8	MW-9
Analytes			6/8/15	6/8/15	6/8/15	11/17/15	11/17/15	11/19/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/19/15	11/19/15
Polynuclear Aromatic Hydrocarbons EPA Method 8270	*µg/L*		*µg/L*												
2-Methylnaphthalene	NE	3.6	0.63	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	NE	0.17	0.2	0.031	0.021	-	-	-	-	-	-	-	-	-	-
Phenanthrene	NE	NE	0.071	-	0.067	-	-	-	-	-	-	-	-	-	-
Pyrene	NE	12	-	-	0.021	-	-	-	-	-	-	-	-	-	-
Other PAHs	Varies	Varies	-	-	-	-	-	-	-	-	-	-	-	-	-
Total RCRA Metals - EPA Methods 6010B; 7471	*µg/L*		*µg/L*												
Barium	2,000	380	NA	NA	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50	10	NA	NA	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Metals	Varies	Varies	NA	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) Groundwater sampling results compared to the United States Environmental Protection Agency's (USEPA) National Primary Drinking Water Regulations (NPDWR) Maximum Contaminant Level's (MCLs) for drinking water.
(2) Groundwater sampling results compared to the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for residential tapwater based on a TCR of 1.0E-06 and a THQ of 0.1 (June 2017).
(3) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:
NE = Not Established for Constituent of Concern.
µg/L = micrograms per liter
- = Not detected above laboratory method detection limits
NA = Not Analyzed
Bold =Exceeds respective RSL and/or MCL

Table 5
Preliminary Investigation
Sub-Slab Soil Gas Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Sub-Slab Soil Gas Screening Levels	**Sub-Slab Soil Gas Sampling Results**											
Sample ID	OLEM Target Sub-Slab VISLs	SG-1	SG-DUP (SG-1)	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10	SG-11
Sample Location	Commercial	Olefin	Olefin	Olefin	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill
Analytes	TCR-1.0E-06, THQ-0.1 (1)	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15
Volatile Organic Compounds EPA Method Method TO-15	*µg/m³*	*µg/m³*											
Acetone	450,000	28.1	20.1	22.4	253	259	68.7	102	197	349	98.9	354	55.8
Benzene	52	0.78	1.53	1.66	4.33	3.18	3.51	2.14	14.3	**75**	2.42	5.09	2.61
1,3-Butadiene	14	-	-	-	-	-	4.77	-	**15.6**	13.2	-	-	-
Carbon Disulfide	10,000	-	0.87	0.86	-	0.74	2.04	1.15	9.58	3.05	1.09	106	0.73
Carbon Tetrachloride	68	-	-	-	6.68	-	-	-	-	-	-	-	-
Chloroform	18	1.1	14.50	15.80	7.6	3.38	3.77	2.29	7.74	7.06	-	1.77	1.86
1,3-Dichlorobenzene	NE	-	-	-	-	-	-	-	1.33	1.23	-	-	-
1,1-Dichloroethane	256	-	-	-	5.67	-	-	-	-	-	-	27.5	14
1,1-Dichloroethene	2,900	0.95	1.8	1.71	**14,900**	8.17	1.99	1.3	549	-	-	123	18.8
Ethanol	NE	32.9	21.2	19	78.5	86.6	39.7	52.7	93	61.5	60.2	51.1	48.9
Ethylbenzene	164	1.54	1.79	1.94	-	3.14	1.98	3.46	4.28	2.62	1.87	3.25	1.57
4-Ethyltoluene	NE	1.09	-	-	-	3.63	1.15	5.04	2.2	1.48	1.25	1.79	1.64
Trichlorofluoromethane	NE	1.57	1.68	1.72	-	1.5	1.37	1.42	1.42	1.38	1.45	1.46	1.45
Dichlorodifluoromethane	1,500	2.15	1.4	1.65	-	2.33	1.65	2.14	2.21	1.95	1.89	1.9	1.75
Heptane	NE	1.19	3.92	4.74	-	2.54	1.93	1.73	7.85	1.8	1.97	3.95	1.4
n-Hexane	10,000	1.09	6.86	7.5	-	2.69	3.54	1.93	15.9	3.5	3.75	4.6	2.39
Isopropylbenzene	5,800	-	-	-	-	1.24	-	1.04	-	-	-	-	-
Methyl Butyl Ketone	44,000	-	-	-	-	52.3	7.85	7.04	9.51	90.5	9.01	15.1	11.2
2-Butanone (mek)	73,000	-	4.24	4.16	35.2	49.4	19.8	16.7	38	55.2	22.7	64	16.8
4-Methyl-2-Pentanone	44,000	-	-	-	-	10.8	-	5.95	-	16.9	-	-	-
2-Propanol	2,900	8.72	4.84	4.74	17.7	15.5	9.09	11.5	15.1	7.43	9.48	10.2	9.05
Propene	44,000	0.73	9.35	10.2	-	8.59	53.1	3.15	215	254	11	5.14	3.69
Styrene	15,000	-	-	-	-	1.56	1.07	1.69	2.13	1.71	-	1.04	-
Tetrachloroethene	580	**1,260**	**4,560**	**5,790**	323	**873**	16.3	-	8.47	3.71	-	5.9	9.14
Toluene	73,000	6.10	4.26	4.59	5.92	32.2	10.1	13.8	20.3	10.2	9.32	15.6	7.21
1,1,1-Trichloroethane	73,000	1,070	1,540	2,070	554	192	93.9	1.73	94.1	35.7	111	5,970	4,390
Trichloroethene	29	-	-	-	-	1.68	-	-	1.23	-	-	-	-

Table 5
Preliminary Investigation
Sub-Slab Soil Gas Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Sub-Slab Soil Gas Screening Levels	**Sub-Slab Soil Gas Sampling Results**											
Sample ID	OLEM Target Sub-Slab VISLs	SG-1	SG-DUP (SG-1)	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10	SG-11
Sample Location	Commercial	Olefin	Olefin	Olefin	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill	Main Mill
Analytes	TCR-1.0E-06, THQ-0.1 (1)	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15	11/18/15
Volatile Organic Compounds EPA Method Method TO-15	*µg/m³*	*µg/m³*											
1,2,4-Trimethylbenzene	100	4.12	3.04	3.24	6.73	16.3	5.26	16.3	8.82	6.47	7.63	6.7	9.01
1,3,5-Trimethylbenzene	NE	1.13	-	-	-	5.09	1.58	4.75	2.82	2.08	2.72	2.3	3.05
2,2,4-Trimethylpentane	NE	-	-	-	-	-	1.81	-	1.39	-	2.07	2.15	1.08
m&p-Xylene	1,500	5.75	4.35	4.82	-	10.7	6.0	12.9	11.8	5.92	7.35	11.5	6.99
o-Xylene	1,500	2.44	2.05	2.24	-	5.15	0.48	5.72	4.99	2.69	3.26	4.47	2.8
Other VOCs	Varies	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

(1) Sub-slab soil gas sampling results are compared to the US EPA Office of Land and Emergency Management (OLEM) Vapor Intrusion Screening Levels (VISLs) (May 2016) for vapor intrusion protection from soil gas at commercial properties based on a TCR of 1.0E-06 and a THQ of 1.0

(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:

NE = Not Established for Constituent of Concern.

µg/m³ = micrograms per cubic meter

- = Not detected above laboratory method detection limits

NA = Not Analyzed

Bold = Exceeds respective OLEM VISL

Table 6
Comprehensive Investigation
Source Area Soil Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

		Soil Sampling Results								
		Volatile Organic Compounds EPA Method 8260B								
		1,1,1-Trichloroethane	1,1-Dichloroethene	2-Butanone	1,4-Dioxane	Acetone	Tetrachloroethene	Toluene	Total Xylenes	Other VOCs
		Soil Screening Levels - EPA Industrial Soil RSLs (1)								
		3,600	100	19,000	24	67,000	39	4,700	250	Varies
Boring ID (Date)	Sample Depth (feet)	*mg/kg*								
OLEFIN SB-1 (4/20/2016)	1'	-	-	-	-	-	-	-	-	-
	9' - 10'	-	-	-	-	-	-	-	-	-
OLEFIN SB-2 (4/20/2016)	1'	-	-	-	-	-	-	-	-	-
	7' - 7.5'	-	-	-	-	-	-	-	-	-
	7'-7.5' (SB-DUP)	-	-	-	-	-	-	-	-	-
	14'	-	-	-	-	-	-	-	-	-
MW-13 (4/20/2016)	1'	-	-	-	-	-	-	-	-	-
	20.5' - 21.5'	-	-	-	-	-	-	-	-	-
	33' - 33.5'	-	-	-	-	-	-	-	-	-
TW-1 (12/27/2016)	1'	0.00802	0.058	-	-	0.043	-	-	0.014	-
	10'	-	0.042	-	-	-	-	-	-	-
TW-2 (12/27/2016)	1'	-	-	-	-	0.039	-	-	-	-
	5'	-	-	-	-	-	-	-	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
TW-3 (12/27/2016)	1'	-	-	-	-	0.04	-	-	-	-
	5'	-	-	-	-	0.024	-	-	-	-
	10'	-	-	-	-	0.02	-	-	-	-
	15'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
TW-4 (12/27/2016)	10'	-	-	-	-	-	-	-	-	
	20'	-	-	-	-	-	-	-	-	-
	20' (DUP-1)	-	-	-	-	-	-	-	-	-
TW-5 (12/27/2016)	5'	-	-	-	-	-	-	-	-	-
	15'	-	-	-	-	-	-	-	-	-
TW-6 (12/27/2016)	1'	0.00528	-	0.00587	-	0.089	0.031	-	-	-
	5'	-	-	-	-	0.027	-	-	-	-
	10'	-	-	-	0.156		-	-	-	-
	15'	-	0.00501	0.00461	0.19	0.03	-	0.00542	-	-
	20'	-	-	-	-	-	-	0.00487	-	-
	20' (DUP-2)	-	-	-	-	-	-	0.00503	-	-

Table 6
Comprehensive Investigation
Source Area Soil Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

		Soil Sampling Results								
		Volatile Organic Compounds EPA Method 8260B								
		1,1,1-Trichloroethane	1,1-Dichloroethene	2-Butanone	1,4-Dioxane	Acetone	Tetrachloroethene	Toluene	Total Xylenes	Other VOCs
		Soil Screening Levels - EPA Industrial Soil RSLs (1)								
		3,600	100	19,000	24	67,000	39	4,700	250	Varies
Boring ID (Date)	Sample Depth (feet)	*mg/kg*								
TW-7 (12/27/2016)	1'	-	-	-	-	0.044	-	-	-	-
	5'	-	-	-	-	0.036	-	-	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	-	-	-	0.031	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
TW-8 (12/27/2016)	1'	-	-	0.00879	-	0.076	-	0.019	-	-
	5'	-	-	-	-	-	-	0.00722	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	0.014	-	-	0.032	-	-	-	-
	20'	-	0.014	-	-		-	0.00762	-	-
	20 (DUP-3)	-	0.019	-	-	0.032	-	0.015	-	-
TW-9 (12/28/2016)	1'	-	-	0.00578	-	0.037	-	-	-	-
	5'	-	-	-	-	-	-	-	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	0.012	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-1 (12/28/2016)	10'	-	0.00633	-	-	-	-	-	-	-
	20'	-	0.561	-	-	-	-	-	-	-
SB-2 (12/28/2016)	5'	0.00854	0.028	-	-	-	-	-	-	-
	12'	-	0.492	-	-	-	-	-	-	-
	12' (DUP-4)	-	1.3	-	-	-	-	-	-	-
SB-3 (12/28/2016)	1'	0.00971	-	-	-	0.068	-	-	-	-
	5'	-	-	-	-	0.024	-	-	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-4 (12/28/2016)	1'	-	-	0.00535	-	0.035	-	-	-	-
	5'	-	-	-	-		-	-	-	-
	5' (DUP-5)	-	-	-	-	-	-	-	-	-
	10'	-		-	-	-	-	-	-	-
	15'	-	0.018	-	-	-	-	-	-	-
	20'	-	0.022	-	-	-	-	-	-	-

Table 6
Comprehensive Investigation
Source Area Soil Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

		Soil Sampling Results								
		Volatile Organic Compounds EPA Method 8260B								
		1,1,1-Trichloroethane	1,1-Dichloroethene	2-Butanone	1,4-Dioxane	Acetone	Tetrachloroethene	Toluene	Total Xylenes	Other VOCs
		Soil Screening Levels - EPA Industrial Soil RSLs (1)								
		3,600	100	19,000	24	67,000	39	4,700	250	Varies
Boring ID (Date)	Sample Depth (feet)	*mg/kg*								
SB-5 (12/28/2016)	1'	-	-	-	-	0.034	-	-	-	-
	5'	-	-	-	-	-	-	-	-	-
	10'	-	-	-	-	-	-	-	-	-
	15'	-	-	-	-	-	-	-	-	-
	15' (DUP-6)	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-6 (5/24/2017)	2'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-7 (5/24/2017)	2'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-8 (5/24/2017)	2'	-	-	-	-	-	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-9 (5/24/2017)	2'	-	-	-	-	0.0372 J	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-
SB-10 (5/24/2017)	2'	0.00371	-	-	-	0.0144 J	-	-	-	-
	20'	-	-	-	-	-	-	-	-	-

Notes:
(1) Soil sampling results compared to the US EPA RSLs for industrial soils based on a TCR of 1.0E-06 and a THQ of 0.1 (June 2017).
(2) Analytical results reported by ESC of Mount Juliet, TN or GCAL of Baton Rouge, Louisiana.

Definitions:
NE = Not Established for Constituent of Concern.
mg/kg = milligrams per kilogram
- = Not detected above laboratory method detection limits
NA = Not Analyzed
Bold = Exceeds respective RSL

Table 7
Comprehensive Investigation
Source Area Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Groundwater Screening Levels		Groundwater Sampling Results								
Sample ID	USEPA		MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-15	MW-16	MW-17I
Analytes	MCLs[1]	Tapwater RSLs[2]	4/20/16	4/20/16	4/20/16	4/21/16	8/5/16	8/6/16	8/19/16	6/1/17	7/12/18
Volatile Organic Compounds EPA Method 8260B	*µg/L*		*µg/L*								
1,1,1-Trichloroethane	200	800	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	5.0	0.041	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	NE	2.8	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	5.0	0.17	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7.0	28	-	-	-	-	-	**4,010**	**3,750**	-	-
cis-1,2-Dichloroethene	70	3.6	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	NE	630	18.7	-	-	-	-	-	-	-	-
Acetone	NE	1,400	66.8	-	-	-	-	-	-	-	-
Bromobenzene	NE	6.2	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	5.0	0.46	-	-	-	-	-	-	-	-	-
Chloroform	80	0.22	-	-	-	-	-	-	-	-	-
Ethylbenzene	700	1.5	**11.6**	-	-	-	-	-	-	-	-
Methyl tert-butyl ether	NE	14	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5.0	4.1	-	-	-	-	-	-	-	-	-
Toluene	1,000	110	-	-	-	-	-	-	-	-	-
Trichloroethene	5.0	0.28	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	NE	5.6	**8.0**	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene	NE	5.5	4.06	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	NE	6.0	2.62	-	-	-	-	-	-	-	-
Total Xylenes	10,000	19	**70**	-	-	-	-	-	-	-	-
1,4-Dioxane (EPA 8270C-mod)	NE	0.46	NA	NA	NA	NA	NA	NA	NA	0.119	-
Other VOCs	Varies	Varies	-	-	-	-	-	-	-	-	-

Table 7
Comprehensive Investigation
Source Area Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Groundwater Screening Levels		Groundwater Sampling Results								
Sample ID	USEPA		MW-17D	TW-1	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	TW-8
Analytes	MCLs[1]	Tapwater RSLs[2]	7/12/18	12/28/16	12/26/16	12/28/16	12/27/16	12/29/16	12/28/16	12/28/16	12/28/16
Volatile Organic Compounds EPA Method 8260B	*µg/L*		*µg/L*								
1,1,1-Trichloroethane	200	800	-	**845**	-	-	8.75	30	-	-	-
1,1,2-Trichloroethane	5.0	0.041	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	NE	2.8	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	5.0	0.17	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7.0	28	-	**2,010**	-	**30.3**	**191**	**761**	**162**	**19.1**	**9.34**
cis-1,2-Dichloroethene	70	3.6	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	NE	630	-	-	-	-	-	-	-	-	-
Acetone	NE	1,400	-	-	-	12.5	-	-	6.57	-	-
Bromobenzene	NE	6.2	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	5.0	0.46	-	-	-	-	-	-	-	-	-
Chloroform	80	0.22	-	-	-	-	-	-	-	-	-
Ethylbenzene	700	1.5	-	-	-	-	-	-	-	-	-
Methyl tert-butyl ether	NE	14	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5.0	4.1	-	-	-	-	-	-	-	-	-
Toluene	1,000	110	-	-	-	-	-	-	-	-	-
Trichloroethene	5.0	0.28	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	NE	5.6	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene	NE	5.5	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	NE	6.0	-	-	-	-	-	-	-	-	-
Total Xylenes	10,000	19	-	-	-	-	-	-	-	-	-
1,4-Dioxane (EPA 8270C-mod)	NE	0.46	-	-	-	-	-	-	**242**	-	-
Other VOCs	Varies	Varies	-	-	-	-	-	-	-	-	-

Table 7
Comprehensive Investigation
Source Area Groundwater Analytical Results Summary

	Groundwater Screening Levels		Groundwater Sampling Results					
Sample ID	USEPA		TW-9	TW-10	TW-11	TW-12	TW-13	TW-14
Analytes	MCLs[1]	Tapwater RSLs[2]	12/29/16	5/24/17	5/24/17	5/25/17	5/25/17	12/25/16
Volatile Organic Compounds EPA Method 8260B	*µg/L*		*µg/L*					
1,1,1-Trichloroethane	200	800	142	**234**	-	7.90 J	-	-
1,1,2-Trichloroethane	5.0	0.041	-	**1.45 J**	-	-	-	-
1,1-Dichloroethane	NE	2.8	-	**88.7**	-	**2.91 J**	-	-
1,2-Dichloroethane	5.0	0.17	-	**19.9**	-	-	-	-
1,1-Dichloroethene	7.0	28	**2,700**	**8,630**	-	**254**	-	-
cis-1,2-Dichloroethene	70	3.6	-	1.93 J	-	-	-	-
4-Methyl-2-Pentanone	NE	630	-	-	-	-	-	-
Acetone	NE	1,400	-	-	-	-	-	-
Bromobenzene	NE	6.2	-	-	-	-	-	-
Carbon tetrachloride	5.0	0.46	-	-	-	-	-	-
Chloroform	80	0.22	-	**6.46 J**	**1.63 J**	-	**2.03 J**	**2.48 J**
Ethylbenzene	700	1.5	-	-	-	-	-	-
Methyl tert-butyl ether	NE	14	-	-	-	-	-	-
Tetrachloroethene	5.0	4.1	-	**8.84**	-	-	-	-
Toluene	1,000	110	-	-	0.834	-	-	-
Trichloroethene	5.0	0.28	-	**5.17**	-	-	-	-
1,2,4-Trimethylbenzene	NE	5.6	-	-	-	-	-	-
1,2,3-Trimethylbenzene	NE	5.5	-	-	-	-	-	-
1,3,5-Trimethylbenzene	NE	6.0	-	-	-	-	-	-
Total Xylenes	10,000	19	-	-	-	-	-	-
1,4-Dioxane (EPA 8270C-mod)	NE	0.46	-	**448**	-	-	-	-
Other VOCs	Varies	Varies	-	-	-	-	-	-

Table 7
Comprehensive Investigation
Source Area Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Groundwater Screening Levels		Groundwater Sampling Results					
Sample ID	USEPA		TW-9	TW-10	TW-11	TW-12	TW-13	TW-14
Analytes	MCLs(1)	Tapwater RSLs(2)	12/29/16	5/24/17	5/24/17	5/25/17	5/25/17	12/25/16

Notes:

(1) Groundwater sampling results compared to the USEPA NPDWR MCLs for drinking water.

(2) Groundwater sampling results compared to the USEPA RSLs for residential tapwater based on a TCR of 1.0E-06 and a THQ of 0.1 (June 2017).

(3) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee or GCAL of Baton Rogue, Louisiana.

Definitions:

NE = Not Established for Constituent of Concern.

µg/L = micrograms per liter

- = Not detected above laboratory method detection limits

J = Value is above laboratory Method Detection Limite (MDL) but below laboratory Reported Detection Limit (RDL)

NA = Not Analyzed

Bold =Exceeds respective RSL and/or MCL

Table 8
Comprehensive Investigation
1,4-Dioxane in Groundwater Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

		1,4-Dioxane in Groundwater via EPA Method 8270D
		US EPA Tapwater RSL [(1)]
		0.46
Boring ID	Date	µg/L
MW-1	5/18/17	**11.3**
MW-2	5/18/17	<0.0447
Dup (MW-2)	5/18/17	0.05
MW-6	5/18/17	<0.0447
MW-9	5/17/17	0.138
MW-12	5/17/17	<0.0447
MW-13	5/18/17	**0.825**
MW-16	6/1/17	0.119
TW-1	12/28/16	**18.0**
TW-2	12/26/16	<0.2
TW-3	12/28/16	<0.204
TW-4	12/27/16	<0.202
DUP (TW-4)	12/27/16	<0.204
TW-5	12/29/16	**2.31**
TW-6	12/28/16	**136**
TW-7	12/28/16	**1.39**
TW-8	12/28/16	<0.202
TW-9	12/29/16	NA
TW-10	5/24/17	**431**
TW-11	5/24/17	0.120
TW-12	5/25/17	**1.05**
TW-13	5/25/17	0.282
TW-14	5/25/17	0.0486 BJ

Notes:
(1) Groundwater sampling results compared to the USEPA RSLs for residential tapwater based on a TCR of 1.0E-06 and a THQ of 0.1 (June 2017).
(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee or GCAL of Baton Rogue, Louisiana.

Definitions:
NE = Not Established for Constituent of Concern.
µg/L = micrograms per liter
B = The same analyte is found in the associated blank.
J = Value is above laboratory Method Detection Limite (MDL) but below laboratory Reported Detection Limit (RDL)
- = Not detected above laboratory method detection limits
NA = Not Analyzed
Bold =Exceeds respective RSL and/or MCL

Table 9
Comprehensive Investigation
Indoor and Background Air Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

	Indoor Air Screening Levels	**Indoor and Background Air Sampling Results**					
Sample ID	EPA Indoor Air RSLs	IA-1	IA-2	IA-3	BA-Olefin	IA-4	BA-Main
Sample Location	Industrial Air	Olefin	Olefin	Olefin	Olefin	Main Mill	Main Mill
Analytes	TCR-1.0E-06, THQ-0.1 (1)	04/19/16	04/19/16	04/19/16	04/19/16	04/19/16	04/19/16
Compounds EPA Method Method TO-15	*ug/m3*	*ug/m3*					
Acetone	14,000	12	-	14	93	4.4	30.7
Benzene	1.60	0.56	-	0.11	0.922	-	0.66
Chloroform	0.53	-	**1.81**	-	-	-	-
Chloromethane	39	-	-	-	1.3	-	1.3
Cyclohexane	2,600	0.25	-	-	0.788	-	-
1,4-dioxane	2.50	-	-	-	**5.59**	-	-
Ethanol	NE	46	-	-	251	-	104
Ethylbenzene	4.90	**7.72**	4.09	**14.02**	3.78	3.40	1.77
4-Ethyltoluene	NE	5.43	1.29	5.51	1.66	14.70	-
Trichlorofluoromethane	NE	-	-	-	1.18	-	1.27
Dichlorodifluoromethane	44	0.04	0.41	0.53	1.8	-	1.76
Heptane	180	0.40	-	-	1.14	-	-
n-Hexane	310	0.79	-	-	5.23	-	2.68
Isopropylbenzene	180	1.61	-	1.26	-	2.79	-
methylene chloride	260	0.14	-	-	1.15	-	1.11
Methyl Butyl Ketone	1,300	-	-	-	-	-	-
2-Butanone (mek)	2,200	-	47.8	65.4	12.1	-	-
2-Propanol	88	8.6	-	-	36.7	-	15.3
tetrahydrofuran	880	-	-	-	4.2	-	0.94
Toluene	2,200	4.4	1.5	27.5	15.3	41.02	5.18
1,2,4-trichlorobenzene	0.88	-	-	-	-	-	-
1,1,1-Trichloroethane	2,200	2.71	1.18	-	-	-	-
1,2,4-Trimethylbenzene	26	-	-	6.28	1.96	21.5	-
1,3,5-Trimethylbenzene	26	-	-	2.6	-	5.36	-
2,2,4-Trimethylpentane	NE	-	-	-	1.25	-	-
m&p-Xylene	44	**55.6**	27.9	**101.5**	17.5	10.89	8.51
o-Xylene	44	13.07	6.77	24.27	4.73	4.83	2.21
Other VOCs	Varies	-	-	-	-	-	-

Notes:
(1) Indoor and background air sampling results are compared to the US EPA RSLs for industrial air based on a TCR of 1.0E-06 and a THQ of 0.1 (June 2017).
(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:
NE = Not Established for Constituent of Concern.
$\mu g/m^3$ = micrograms per cubic meter
- = Not detected above laboratory method detection limits
Bold = Exceeds respective RSL

Table 10
Confirmation Soil Samples Analytical Results Summary

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

	Soil Screening Levels	Confirmation Soil Sampling Results															
Sample ID		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SSW-1	SSW-2	SSW-3	SSB-1	SS-2B
Sample Location	ADEM ISLs[1]	Side	Side	Floor	Side	Side	Floor	Side	Side	Floor	Side	Side	Side	Side	Side	Floor	Floor
Analytes		8/1/18	8/1/18	8/1/18	8/1/18	8/1/18	8/1/18	8/1/18	8/1/18	8/3/18	8/3/18	8/3/18	8/27/18	8/27/18	8/27/18	8/27/18	8/27/18
Total Petroleum Hydrocarbons EPA Method 8015D/GRO	*mg/kg*	*mg/kg*															
TPH Gasoline Range Organics	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons EPA Method 8015	*mg/kg*	*mg/kg*															
TPH Diesel Range Organics	100	-	**459**	12.6	-	-	21.0	66.4	-	6.00	-	-	14.9	38.5	35.0	22.4	29.9
TPH Oil Range Organics	100	-	-	16.9	55.8	-	16.1	-	-	7.17	-	-	19.9	50.5	60.6	28.4	44.1

Notes:
(1) Soil sampling results are compared to ADEM's Risk-Based Corrective Action for Underground Storage Tanks Initial Screening Levels (ISLs) (Table 5-1, November 2001).
(2) Analytical results reported by ESC Laboratories of Mount Juliet, Tennessee.

Definitions:
NE = Not Established for Constituent of Concern.
mg/kg = milligrams per kilogram
- = Not detected above laboratory method detection limits
Bold = Exceeds respective ISL

Table 11
RM-2 Parameters Summary

	Parameter[1]	Symbol	Representative Value	Units	Applicable Model	Reference[2]
Risk Parameters	Target Risk for Individual Carcinogens	TR	1.0E-06	unitless	DTSC, RSLC	*ADEM* [2017]
	Target Cumulative Risk for Carcinogens	CR	1.0E-05	unitless		*ADEM* [2017]
	Target Hazard Quotient for Noncarcinogens	THQ	0.1	unitless	DTSC, RSLC	*ADEM* [2017]
	Target Cumulative Hazard Index for Noncarcinogens	HI	1.0	unitless		*ADEM* [2017]
Receptor Parameters	*Commercial Worker*					
	Averaging Time for Carcinogens / Lifetime	AT_C / LT	70	yrs	DTSC, RSLC	*USEPA* [2018]
	Averaging Time for Noncarcinogens	AT_{NC}	25	yrs	DTSC	*DTSC* [2014]
	Exposure Duration	ED	25	yrs	DTSC, RSLC	*USEPA* [2018]
	Exposure Frequency	EF	250	days/yr	DTSC, RSLC	*USEPA* [2018]
	Exposure Time	ET	8	hrs/day	DTSC, RSLC	*USEPA* [2018]
	Body Weight - Worker	BW_w	80	kg	RSLC	*USEPA* [2018]
	Residential					
	Exposure Duration - Resident	ED_{res}	26	yrs	RSLC	*USEPA* [2018]
	Exposure Duration - Child	ED_{res-c}	6	yrs	RSLC	*USEPA* [2018]
	Exposure Duration - Adult	ED_{res-a}	20	yrs	RSLC	*USEPA* [2018]
	Exposure Frequency - Child and Adult	EF_{res}	350	days/yr	RSLC	*USEPA* [2018]
	Exposure Time	Et_{res}	24	hrs/day	RSLC	*USEPA* [2018]
	Body Weight - Adult	BW_{res-a}	80	kg	RSLC	*USEPA* [2018]
	Body Weight - Child	BW_{res-c}	15	kg	RSLC	*USEPA* [2018]
Chemical Specific Parameters	Decay Constant	λ	Varies	1/day	Domenico	*PADEP* [2014]
	Organic Carbon Partition Coefficient	K_{OC}	Varies	L/kg	Domenico, DTSC	*USEPA* [2018]
	Other Chemical Specific Paramters	Varies	Varies	Varies	DTSC, RSLC	*USEPA* [2018]
Surface and Vadose Zone Parameters	Depth below grade to bottom of enclosed space floor	L_F	15	cm	DTSC	*DTSC* [2014]
	Depth below grade to water table	L_{WT}	503.96	cm	DTSC	*Site-Specific*
	Vadose Zone SCS soil type	SIC	Silty Clay		DTSC	*Site-Specific*
	Average soil/groundwater temperature	T_S	24	°C	DTSC	*Site-Specific*
	Vadose zone soil dry bulk density	ρ_b^V	1.38	g/cm^3	DTSC	*DTSC* [2014]
	Vadose zone soil total porosity	n^V	0.481	unitless	DTSC	*DTSC* [2014]
	Vadose zone soil water-filled porosity	θ_w^V	0.1443	cm^3/cm^3	DTSC	*Ennis* [2018]
	Thickness of Capillary Zone	L_{cz}	105.5	cm	DTSC	*Ennis* [2018]
	Air Exchange Rate	ACH	1.0	1/hour	DTSC	*DTSC* [2014]

Table 11
RM-2 Parameters Summary

Saturated Zone Parameters (Surficial Aquifer)	Time Horizon Evaluated	t	10,950	days	Domenico	*Site-Specific*
	Hydraulic Conductivity (based on sandy clay loam)	K	0.433	ft/day	Domenico	*DTSC* [2014]
	Hydraulic Gradient	i	0.01	ft/ft	Domenico	*Site-Specific*
	Effective Porosity (based on sandy clay loam)	η_e	0.33	unitless	Domenico	*Rawls et al* [1983]
	Soil Dry Bulk Density (based on sandy clay loam)	ρ_b	1.63	g/cm^3	Domenico	*DTSC* [2014]
	Fraction of Organic Carbon	f_{OC}	0.002	unitless	Domenico	*PADEP* [2014]
	Point Concentration Location (Downgradient Centerline Distance Between PWS #15 and TW-10)	x(ft)	300	ft	Domenico	*Site-Specific*

Notes:

(1) Parameter list provided in this summary table is not a complete list of parameters used in models and calculations. All applied parameters can be found in their respective data entry sheets provided in Appendix G, H, and I of this report.

(2) Reference citations are available in Section 11 of the report.

Definitions:

yrs = years
hrs = hours
kg = kilograms
L = liter
cm = centimeter
^oC = celcius
g = grams
ft = feet
DTSC = California Department of Toxic Substances Control's (CA DTSC) Vapor Intrusion Screening Johnson & Ettinger model for groundwater to indoor air (December 2014).
RSLC = USEPA regional screening level calculator (May 2018).
Domenico = Domenico Model via Pennsylvania Department of Environmental Protection's (PA DEP) Quick Domenico (QD) Version No. 3b spreadsheet (February 2014).

Table 12
RM-2 Cumulative Risk Results Summary

Indirect Inhalation Exposure to Site Workers from ED-1 COCs in Groundwater[(1)]

COCs	*Maximum Groundwater Concentrations (µg/L)*	*Indoor Worker Inhalation Cancer Risk*	*Indoor Worker Inhalation Hazard Quotient Risk*
Carbon Tetrachloride	3.3	3.4E-08	5.7E-05
Chloroform	8.2	1.3E-08	1.6E-05
1,1-Dichloroethane	88.7	1.3E-08	3.3E-05
1,2-Dichloroethane	19.9	2.3E-08	3.5E-04
1,1-Dichloroethene	8,630	--	1.2E-01
1,4-Dioxane	448	1.4E-08	1.7E-04
Tetrachloroethene	8.84	7.8E-09	1.1E-04
1,1,1-Trichloroethane	845	--	4.3E-04
1,1,2-Trichloroethane	1.45	7.9E-10	6.9E-04
Trichloroethene	5.17	2.6E-09	8.7E-04
	Cumulative Risk	**1.1E-07**	**0.12**
	Target Cumulative Risk	**1.0E-05**	**1.0**

Direct Inhalation Exposure to Site Workers from ED-1 COCs in Indoor Air and Outdoor Air[(1)]

COCs	*Maximum Indoor Air Concentrations (µg/m^3)*	*Indoor Worker Inhalation Cancer Risk*	*Indoor Worker Inhalation Hazard Quotient Risk*
Chloroform (Indoor Air)	1.81	3.4E-06	4.2E-03
Ethylbenzene (Indoor Air)	14.02	2.9E-06	3.2E-03
m-Xylene (Indoor Air)	101.5	--	2.3E-01
1,4-Dioxane (Outdoor Air)	5.59	2.1E-06	3.8E-02
	Cumulative Risk	**8.3E-06**	**0.28**
	Target Cumulative Risk	**1.0E-05**	**1.0**

Indirect Inhalation Exposure to Site Workers from ED-2 COCs in Groundwater[(2)]

COCs	*Maximum Groundwater Concentrations (µg/L)*	*Indoor Worker Inhalation Cancer Risk*	*Indoor Worker Inhalation Hazard Quotient Risk*
Ethylbenzene	11.6	2.8E-09	3.2E-06
1,2,4-Trimethylbenzene	8.0	--	2.3E-04
Xylenes	70	--	1.8E-04
	Cumulative Risk	**2.8E-09**	**4.1E-04**
	Target Cumulative Risk	**1.0E-05**	**1.0**

Table 12
RM-2 Cumulative Risk Results Summary

Indirect Future Exposure to ED-3 (PWS #15) from ED-1 COCs in Groundwater[3]
(point concentration at ED-3 calculated assuming chemical-specific decay constants [λ] are 0.0)

COCs	*Maximum Groundwater Concentrations (µg/L)*	*Point Concentration at ED-3 (µg/L)*	*Carcinogenic Risk*	*Noncarcinogenic Hazard Index - Child*	*Noncarcinogenic Hazard Index - Adult*
Carbon Tetrachloride	3.3	0.016	3.5E-08	3.2E-04	2.3E-04
Chloroform	8.2	0.075	3.4E-07	7.7E-04	6.1E-04
1,1-Dichloroethane	88.7	0.81	2.9E-07	2.2E-04	1.3E-04
1,2-Dichloroethane	19.9	0.12	7.0E-07	9.3E-03	8.9E-03
1,1-Dichloroethylene	8,630	78.56	--	2.8E-01	2.4E-01
1,4-Dioxane	448	17.80	3.9E-05	3.1E-01	3.0E-01
Tetrachloroethylene	8.84	0.003	2.8E-10	7.6E-05	6.2E-05
1,1,1-Trichloroethane	845	4.14	--	5.2E-04	4.7E-04
1,1,2-Trichloroethane	1.45	0.003	1.1E-08	7.2E-03	7.2E-03
Trichloroethylene	5.17	0.011	2.2E-08	3.9E-03	3.4E-03
		Cumulative Risk	**4.0E-05**	**0.61**	**0.56**
		Target Cumulative Risk	**1.0E-05**	**1.0**	**1.0**

Indirect Future Exposure to ED-3 (PWS #15) from ED-1 COCs in Groundwater[3]
(point concentration at ED-3 calculated assuming chemical-specific decay constants [λ] are greater than 0.0)

COCs	*Maximum Groundwater Concentrations (µg/L)*	*Point Concentration at ED-3 (µg/L)*	*Carcinogenic Risk*	*Noncarcinogenic Hazard Index - Child*	*Noncarcinogenic Hazard Index - Adult*
Carbon Tetrachloride	3.3	3.0E-03	6.6E-09	6.1E-05	4.3E-05
Chloroform	8.2	5.9E-02	2.7E-07	6.1E-04	4.9E-04
1,1-Dichloroethane	88.7	1.8E-02	6.4E-09	4.7E-06	2.8E-06
1,2-Dichloroethane	19.9	2.3E-02	1.3E-07	1.8E-03	1.7E-03
1,1-Dichloroethylene	8,630	8.4E-01	--	3.0E-03	2.6E-03
1,4-Dioxane	448	2.6E-05	5.7E-11	4.6E-07	4.4E-07
Tetrachloroethylene	8.84	1.5E-03	1.3E-10	3.7E-05	3.0E-05
1,1,1-Trichloroethane	845	1.3E+00	--	1.6E-04	1.4E-04
1,1,2-Trichloroethane	1.45	1.5E-03	5.5E-09	3.6E-03	3.6E-03
Trichloroethylene	5.17	6.7E-03	1.4E-08	2.4E-03	2.1E-03
		Cumulative Risk	**4.4E-07**	**0.01**	**0.01**
		Target Cumulative Risk	**1.0E-05**	**1.0**	**1.0**

Notes:
(1) Detailed model/calculation sheets are provided in Appendix G of this report.
(2) Detailed model/calculation sheets are provided in Appendix H of this report.
(3) Detailed model/calculation sheets are provided in Appendix I of this report.

Definitions:
µg/L = micrograms per liter
µg/m^3 = micrograms per cubic meter
-- = risk not established for COC
COCs = chemical of concern
ft = feet
4.02E-05 = Exceeds respective target risk

APPENDIX A

PREVIOUS REPORTS

TABLE 1: SOIL/SEDIMENT ANALYTICAL SUMMARY

Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Alabama

Constituent	Units	EPA RSL Industrial Soil	B-1 0 - 4 ft 6/8/2015	B-2 0 - 4 ft 6/8/2015	B-3 12 - 16 ft 6/8/2015	D-1 0 - 0.5 ft 6/8/2015	D-2 0 - 0.5 ft 6/8/2015
VOCs							
Acetone	mg/kg	6,100	BDL	BDL	BDL	0.26	BDL
2-Butanone (MEK)	mg/kg	2,700	BDL	BDL	BDL	0.063	BDL
Methylene Chloride	mg/kg	35	BDL	BDL	BDL	0.0086	0.016
Methyl Tert Butyl Ether (MTBE)	mg/kg	47	BDL	BDL	BDL	0.0056	0.0014
Tetrachloroethene	mg/kg	8.1	0.0031	BDL	BDL	BDL	BDL
Toluene	mg/kg	490	BDL	BDL	BDL	0.0023	BDL
1,2,4-Trimethylbenzene	mg/kg	5.8	BDL	BDL	BDL	0.0024	BDL
1,2,3-Trimethylbenzene	mg/kg	4.9	BDL	BDL	BDL	0.0033	BDL
Total Xylenes	mg/kg	58	BDL	BDL	BDL	0.010	BDL
TPH							
TPH-Diesel Range Organics	mg/kg	100**	6.1	BDL	BDL	11,000	670
TPH-Oil Range Organics	mg/kg	100**	12	1.9	BDL	27,000	920
METALS							
Arsenic	mg/kg	0.67	NA	NA	1.2	6.4	2.8
Barium	mg/kg	1,500	NA	NA	6.1	28	36
Cadmium	mg/kg	7.0	NA	NA	BDL	2.4	4.8
Chromium	mg/kg	64*	NA	NA	3.4	10	22
Lead	mg/kg	400	NA	NA	5.6	25	18
Mercury	mg/kg	0.94	NA	NA	0.032	0.066	0.81

Notes: BDL = below detection limit (see lab reports for details)
mg/kg = milligrams per kilogram (ppm).
NA = not analyzed for that constituent.
EPA RSL = Environmental Protection Agency Regional Screening Level (RSL)
VOCs = Volatile Organic Compounds
TPH = Total Petroleum Hydrocarbons
* Alabama Department of Environmental Management (ADEM)- Preliminary Screening Level (PSV)
** ADEM UST Program Soil Screening Level
Shading denotes value outside the applicable soil quality standard.
Constituents not listed were not detected.

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, Alabama

Constituent	Units	EPA RSL Tapwater	TWM-1 6/8/2015	TMW-2 6/8/2015	TMW-3 6/8/2015
VOCs					
Bromobenzene	ug/l	6.2	BDL	BDL	0.35
Carbon Tetrachloride	ug/l	5.0	BDL	3.3	BDL
Chloroform	ug/l	80	8.2	0.83	BDL
1,1-Dichloroethane	ug/l	2.7	BDL	8.0	BDL
1,1-Dichloroethene	ug/l	7.0	2.3	550	BDL
Methyl-tert-butyl-ether	ug/l	14	BDL	BDL	0.37
Tetrachloroethene	ug/l	5.0	BDL	0.94	BDL
1,1,1-Trichloroethane	ug/l	200	BDL	24	BDL
PAHs					
Benzo(a)anthracene	ug/l	0.034	0.0073	0.0066	0.012
Benzo(b)fluoranthene	ug/l	0.034	BDL	BDL	0.0074
Benzo(g,h,i)perylene	ug/l	46.9*	BDL	BDL	0.0044
Fluoranthene	ug/l	80	BDL	BDL	0.020
Fluorene	ug/L	29	0.022	BDL	BDL
1-Methylnaphthalene	ug/L	1.1	0.58	BDL	BDL
2-Methylnaphthalene	ug/L	3.6	0.63	BDL	BDL
Naphthalene	ug/L	0.17	0.20	0.031	0.021
Phenanthrene	ug/L	46.9*	0.071	BDL	0.067
Pyrene	ug/l	12	BDL	BDL	0.021
METALS					
Barium	ug/L	2,000	NA	NA	28
Selenium	ug/L	50	NA	NA	8.6

Notes: BDL = below detection limit (see lab reports for details)
ug/L = micrograms per liter (ppb).
NA = not analyzed for that constituent.
EPA RSL = Environmental Protection Agency Regional Screening Level (RSL)
* Alabama Department of Environmental Management (ADEM) - Preliminary Screening Level (PSV)
Shading denotes value outside the applicable groundwater quality standard.
Constituents not listed were not detected.

Phase I Environmental Site Assessment

Phase I ESA - Twitchell Technical Products

4031 Ross Clark Circle, NW

Dothan, Houston County, AL

May 28, 2015

Terracon Project No. EA157710

Prepared for:
Highlander Partners, L.P.
Dallas, Texas

Prepared by:
Terracon Consultants, Inc.
Pensacola, Florida

terracon.com

Terracon

Environmental ■ Facilities ■ Geotechnical ■ Materials

May 28, 2015

Terracon

Highlander Partners, L.P.
300 Crescent Court
Suite 550
Dallas, TX 75201

Attn: Mr. Chris McRorie
P: (214) 245 5013
E: cmcrorie@Highlander-Partners.com

Re: Phase I Environmental Site Assessment
Twitchell Technical Products
4031 Ross Clark Circle, NW
Dothan, Houston County, Alabama 36503
Terracon Project No. EA157710

Dear Mr. McRorie:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. PEA150048 dated April 24, 2015.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Timothy G. Born
Project Scientist I

Frank M. Nowicki for
Senior Project Professional

Attachments

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APPENDIX B	Site Photographs
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APPENDIX D	Environmental Database Information
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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. PEA150048 dated April 24, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and Client Scope of Work. The ESA was conducted under the supervision or responsible charge of Frank M. Nowicki, Environmental Professional. Timothy G. Born performed the site reconnaissance on May 6, 2015.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as Twitchell Technical Products. The facility employs approximately 300 individuals, the majority of whom are Twitchell manufacturing workers. The site is currently developed with six separate buildings including the Main Mill Building, Olefin Building, Raw Materials Warehouse Building, Compounding Building, Coatings Building, and an unpowered Equipment Storage Shed. The site also includes asphalt-paved parking, landscaped areas, and some densely wooded areas in the northwestern portion the site.

Facility processes initiate from stored materials in the Raw Materials Warehouse Building. Current manufacturing processes include compounding, dry blend, extrusion, beaming, weaving, finishing, olefin production, and coating.

Materials located in the warehouse include polyester (PE) yarn, polypropylene (PP) resin, polyethylene resin, biocide, lubricant, calcium carbonate, polyvinyl chloride (PVC) color concentrates, polypropylene color concentrates, and packaging materials. Materials located in the compounding area include PVC resin, plasticizer, heat stabilizer, lubricant, biocide, UV stabilizer, calcium carbonate, and flame retardants. Dry Blend is the department where color concentrates are added to the compound produced by the compounding department. The extrusion department takes the color compound produced by Dry Blend and extrudes a thin coating over polyester yarn. The Beaming department takes the tubes of yarn made in Extrusion and puts them on creels. The creels are then attached to the beaming machines. Once a beam is made, it is transported to the Weaving department. The Weaving department takes the beam that has been made and pulls the warp through the machine. Once the fabric is woven, it is transported to the Finishing department. There are two finishing ranges located in the finishing department. In addition to PVC coated polyester fabrics, Twitchell also produces a polypropylene fiber fabric. The Coating department receives non-woven materials, and

extrusion coats the material with one of the following resins: polypropylene, polyethylene, polyurethane, or polyester. An Extrusion Coating Line was added to the Coating Building in 2014.

Historical Information

Historical use information for the site was available back to 1948. Aerial photographs indicate that the site and surrounding area was initially agricultural land. The site was developed with manufacturing facilities in the mid-1950s, with additional buildings and expansions through the early-1990s. Surrounding property appears to have been mostly commercial and industrial development since the 1980s.

Records Review

Selected federal and state environmental regulatory databases as well as responses from state and local regulatory agencies were reviewed. The site was identified in the following regulatory databases: FINDS, RCRA-CESQG, US AIRS /RCRA NonGen / NLR. The regulatory databases did not identify RECs at the site. There were other database listings mapped besides the site including CERCLIS, FINDS, RCRA-CESQG, RCRA NonGen / NLR, AST, HIST UST LUSTs, and HIST AUTO STAT; however, based on distance, environmental setting and/or facility characteristics, the identified facilities and inquiry results from the local agencies do not constitute RECs in connection with the site at this time.

Site Reconnaissance

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as Twitchell Technical Products. The facility employs approximately 300 individuals. The facility is currently developed with six separate buildings including the Main Mill Building, Olefin Building, Raw Materials Warehouse Building, Compounding Building, Coatings Building, and an unpowered Equipment Storage Shed. The site also includes asphalt-paved parking and driveway, landscaped areas, and densely wooded areas observed in the northwestern portion the site. Some raw materials are received by rail on-site. Manufacturing processes include compounding, dry blend, extrusion, beaming, weaving, finishing, olefin production and coating. Additional site observations include facility air compressors, heating and cooling units, processing equipment (boiler/chiller), above ground storage tanks (ASTs), drums, a former UST area, interior floor drains, electrical transformers, six solid waste dumpsters, two solid waste disposal compactors, three cardboard bailers, and one exterior pipe discharge.

RECs were identified during the site reconnaissance and included the former UST area and exterior pipe discharge discussed below.

- Potential impacts to soil and/or groundwater resulting from the former UST area located adjacent to the southeast corner of the Olefin Building. Soil samples collected in the vicinity of the former UST area in 1989 reported petroleum hydrocarbons between 11 – 33 parts per million (ppm).

Correspondence from the Alabama Department of Environmental Management (ADEM) acknowledged closure of the former USTs; however, the USTs were unregulated at the time and a No Further Action letter from ADEM was not issued.

- Potential impacts to soil and/or groundwater resulting from an apparent white colored oily discharge observed in the drainage ditch in the vicinity of a headwall drain pipe (see Appendix B, Photo #43). Facility personnel suspected that the discharge may be from beef tallow based lubricant.

Adjoining Properties

The site is bordered on the north by Murray Road, followed by Panhandle Converter Recycler, a vacant lot, Ansell Health Care, Inc., ITS Products Inc., Former Bobcat, and the Former Rexel Southern. Consolidated Electrical Contractors is northeast of the site. To the northwest of the site is Dothan Overhead Door. To the east of the site is Tony's Service Center/Budget Truck Repair, Coleman American Moving Services, City of Dothan water well, Jackson's Trophies, and Media Mechanical Services. The site is bordered on the south by an unpaved road, followed by a paved road (Ross Clark Circle), followed by the Former A & D Automotive, Dothan Chrysler Dodge Jeep Ram, and Stokes Floor Covering. To the southeast of the site is Holiday Inn Express & Suites, and to the southwest of the site is a Power Substation. The site is bordered on the west by Seaboard Coast Line Railroad, followed by Argo's USA Corp. Indications of RECs were not observed with the adjoining properties.

Previous Reports

URS Corporation completed a Phase I ESA of the site in 2011. The URS report stated that there were three on-site recognized environmental conditions (RECs) but listed only two: the former underground storage tanks (USTs), and past discharges to the on-site drainage ditch.

Opinions and Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 at 4031 Ross Clark Circle, NW, Dothan, Houston County, Alabama, the site. The following Recognized Environmental Conditions (RECs) or Controlled RECs were identified in connection with the site:

- Potential impacts to soil and/or groundwater from historical use of trichloroethylene (TCE) to clean the facility's looms until the late-1980s or early-1990s.
- Potential impacts to soil and/or groundwater resulting from the former UST area. Limited soil sampling was conducted when the USTs were closed in 1989. The USTs were unregulated at the time and a No Further Action letter from ADEM was not issued.
- Potential impacts to soil and/or groundwater resulting from discharges to an on-site drainage ditch. Soil samples collected in the drainage ditch in 2004

were analyzed for some metals. However, chlorinated solvents and petroleum compounds used historically in the manufacturing process were not analyzed.

Significant Data Gaps

No significant data gaps were identified for this assessment.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon recommends subsurface investigations of the above mentioned RECs.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Phase I ESA - Twitchell Technical Products
Site Location/Address	4031 Ross Clark Circle, NW, Dothan, Houston County, Alabama
Land Area	Approximately 33.4 Acres
Site Improvements	Six separate buildings. Main Mill Building / 199,871 square feet, Olefin Building / 49,400-square feet, Raw Materials Warehouse Building / 33,000-square feet, Compounding Building / 2,450-square feet, Coating Building / 49,415-square feet, and unpowered Equipment Storage Shed /2,400-square feet.

The site location is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A Site Diagram of the site, Exhibit 2A, and Aerial Site and Adjacent Property Map, Exhibit 2B are included as Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with our Terracon Terracon Proposal No. PEA150048 dated April 24, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and Client Scope of Work. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from

other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Highlander Partners, L.P. Use or reliance by any other party is prohibited without the written authorization of Highlander Partners, L.P. and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.6 Client Provided Information

Prior to the site visit, Mr. Tim Gilmore, client's representative, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			X
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.		X	
Obvious Indicators of Contamination at the site.			X

The client provided a prior Phase I Environmental Site Assessment (ESA) that identified RECs, and the ESA is discussed in section 3.7.

A copy of the questionnaire is included in Appendix C.

2.0 PHYSICAL SETTING

Physical Setting

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 330 feet (NGVD)	USGS Topographic Midland City, Alabama Quadrangle 1981
Surface Runoff/ Topographic Gradient	Very gently sloping towards the northeast	
Closest Surface Water	Intermittent unnamed stream located within the northwestern wooded portion of the site.	
Soil Characteristics		
Soil Type	Primarily (over 90 percent) Urban land-Dothan complex, 0 to 5 percent slopes. Minor (less than 10 percent) Urban land-Bibb-Kinston complex, 0 – 2 percent slopes, frequently flooded.	Houston County, AL USDA-NRCS, Soil Conservation Services Soil Survey issued: 2005
Description	The map unit setting is Coastal Plain with landform position consisting of smooth and slightly convex slopes. Urban land and similar areas soils make up about 50 percent of the map unit, while Dothan and similar soils make up 40 percent of the map unit. Dissimilar soils make up 10 percent of the map unit.	
Geology/Hydrogeology		
Formation	Claiborne/Jackson Group; Residuum	Geological Survey of Alabama, Special Map 220, Dated 1988
Description	White to moderate-reddish-orange, locally mottled, sandy clay, and residual clay with scattered layers of gravelly medium to course sand, fossiliferous chert and limestone boulders and limonitic sand masses. Derived in the Jackson Group and Oligocene Series and slumping of Pliocene and Miocene sediments	

Physical Setting Information		Source
Estimated Depth to First Occurrence of Groundwater	Less than 20 feet	USGS Topographic Midland City, Alabama Quadrangle 1981
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the northeast).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify past uses for indications of RECs. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10 to 15 year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Aerial Photograph: USGS, 1948, 1” =500’
- Aerial Photograph: USGS, 1961, 1 =500’
- Topographic Map: Midland City, Alabama, Published 1969 (1:24,000)
- Aerial Photograph: EDR, 1979, 1” =1000’
- Aerial Photograph: EDR, 1981, 1” =1000’
- Topographic Map: Midland City, Alabama, Published 1981 (1:24,000)
- Aerial Photograph: EDR, 1985, 1” =1000’
- Aerial Photograph: USGS, 1992, 1” =500’
- Aerial Photograph: USGS/DOQQ, 1997, 1” =500’
- Aerial Photograph: USDA/NAIP, 2006, 1” =500’
- Aerial Photograph: USDA/NAIP, 2009, 1” =500’
- Aerial Photograph: USDA/NAIP, 2011, 1” =500’

Historical Topographic Maps, Aerial Photographs and Sanborn Maps

Direction	Description
Site	Undeveloped/agricultural land with an intermittent unnamed stream in the northwest portion of the site (1948); Unpaved road borders the southern portion of the site, followed by Twitchell Road, Main Mill Building with added constructed expansion to the west, Olefin Building, and Raw Material Warehouse Building in the east portion of the site, followed by a railroad spur and undeveloped land to the west, followed by wooded land and an intermittent unnamed stream to the northwest (1961 - 1981); Unpaved road borders the southern portion of the site, followed by Twitchell Road, Main Mill Building with added constructed expansion to the west, Olefin Building with added constructed expansion to the north, and Raw Material Warehouse Building with added constructed expansion to the north in the east portion of the site, followed by a railroad spur and developing land to the west, followed by wooded land and an intermittent unnamed stream to the northwest (1985 – 2011).
North	Unpaved road (Murray Road), followed by undeveloped/agricultural land including an intermittent unnamed stream and two or more trails (1948); Paved road (Murray Road), followed by cleared land including an intermittent unnamed stream, a paved road (Industrial Road), two or more trails, and two or more possible businesses/residences (1961 -1969); Murray Road, followed by commercial/industrial developed land including an intermittent unnamed stream, Industrial Road, and five or more businesses (1979 - 2011).
East	Undeveloped/agricultural land with 2 or more possible businesses/residences (1948 - 1961); Commercial/Industrial developed land with 3 or more businesses, followed by a paved road (Loftin Road) (1979 – 2011)
South	Undeveloped/agricultural land (1948); Paved Road (Ross Clark Circle), followed by undeveloped/agricultural land (1961 - 1985); Ross Clark Circle, followed by 3 or more commercial businesses (1992 - 2011).
West	Seaboard Coast Line Railroad, followed by an intermittent unnamed stream, followed by undeveloped/agricultural land (1948); Seaboard Coast Line Railroad, followed by an intermittent unnamed stream, followed by a possible railroad spur/road, followed by commercial/industrial developed land (1961 - 2011).

3.2 Historical City Directories

The Cole Information Services city directory, and Polk City Directory used in this study were made available through EDR (Years Reviewed: 1964, 1967, 1972, 1977, 1982, 1987, 1992, 1995, 1999, 2003, 2008, 2013) and were reviewed at approximate five-year intervals, if readily available. The current street address for the site was identified as 4031 Ross Clark Circle, NW.

Historical City Directories

Direction	Description
Site	4031 Ross Clark Circle NW: Twitchell Corp. Tex. Mfrs. (1972, 1977); Twitchell Div. of Ludlow Tex. Mfrs. (1982, 1987); Twitchell (1992, 1995); Twitchell Tyco International Limited Company (1999); William Layer (2003); Twitchell Corporation (2008, 2013).
North	711 Murray Road: Jackson's Trophies & Awards JTA (1999); Christy Jackson (2003); Jackson's Trophies & Awards Inc. (2008). 714 Murray Road: Consolidated Electrical Contractors & Engineers Inc. (1999); Consolidated Electrical Contractors (2003); Consolidated Electrical Contractors, Wallace Engineering Inc. (2008); Consolidated Electrical Contractors (2013). 725 Murray Road: William Burt Construction (1999, 2003); William Burt Construction Company Inc. (2008, 2013). 744 Murray Road: Southern Electric (2008); Rexel (2013). 768 Murray Road: All South Machinery & Supply Inc. (1999); All South Machinery & Supply, Bobcat of the Wiregrass (2003, 2008); Bobcat (2013). 784 Murray Road: Universal Precision Inc. (1999); Shirley Miller, UPI of Alabama, Inc. (2003); ITS Products Inc., Precision Woodworks LLC (2008); ITS Products, UPI of Alabama (2013). 868 Murray Road: Barton Manufacturing Company, DunBarton Corporation, Redi Frame Manufacturing Company Inc., Ryder Dedicated Logistics, Slimfold Manufacturing Company Inc., Valiant Manufacturing Company Inc. (1999); Dunbarton Redi Frame Division, Ryder Dedicated Logistics (2003); Dunbarton Corporation (2008); Dunbarton Corporation, Panhandle Converter Recycler, Ryder Dedicated Logistics (2013). 877 Murray Road: Marty Robbins Roofing Company Inc. (1999, 2003); Cytech (2008); Dothan Overhead Doors (2013). 980 Murray Road: Dothan Warehouse, Dothan Warehouse Inc. (1999); Cycle Shoppe LLC (2008); Dothan Warehouse (2013).
East	109 Loftin Road: Coleman American Records Storage, Eagle Adjustment Company, Republic Van Lines (1999); Coleman American Moving Service Inc. (2003); Coleman American Records Storage (2008); American Trailer & Equipment, Covan Worldwide Moving (2013).
South	4064 Ross Clark Circle: Stokes Floor Covering (1992); Stokes Floor Covering & Decorating (1995); Stokes Floor Covering & Ceramic Tile Center (1999); Stokes Floor Covering & Decorating (2003); Stokes Floor Covering Company, Inc. (2008); Stokes Floor Covering & Ceramic Tile (2013). 4066 Ross Clark Circle: Dothan Chrysler Inc. (1992); Dothan Chrysler Plymouth Dodge (1995); Dothan Chrysler Plymouth Dodge Incorporated (1999); Dothan Chrysler Dodge (2008). 4074 Ross Clark Circle: Dothan Chrysler Dodge Inc. (2008, 2013). 4083 Ross Clark Circle: Tri-State Toyota (1987); Byrd Bill Acura (1992); Dothan Acura

Direction	Description
	(1995); Emerald Auto Sales (1999); Emerald Kia (2003); Bill Byrd Kia Dothan, Service Center Tony's, Tony's Service Center Dothan (2013). 4090 Ross Clark Circle: Holiday Inn Express (2013).
West	600 Rogers Road: Concrete Inc. (1999); Anderson Materials Concrete Inc. (2003); Construction Materials Inc., Lafarge North America (2008); Argo's RMX LLC, Argo's USA Corporation (2013). 608 Rogers Road: Conway Southern Express (1999, 2003); Conway Freight Inc. (2008); Conway Freight (2013). 609 Rogers Road: Industrial Chemicals Inc. (2003, 2008, 202 Zenith Road: Holland Manufacturing Company (2008).

The site's Twitchell and former Ludlow facilities, Dunbarton Corporation (current Panhandler Converter Recycler), and Coleman American Moving Service are further discussed in Section 4.1.

3.3 Site Ownership

Based on a review of information obtained from the Houston County Revenue Commissioner's records, the site parcel is 38-09-01-11-1-000-100.000, and the current site owner is Twitchell Technical Products LLC.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

Environmental lien records recorded or activity and use limitation against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Interviews Regarding Current and Historical Site Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Timothy G. Born	Tim Gilmore / (800 633 7550 Ext. 1228 or 1287)	Twitchell / V.P. Operations	May 5, 2015/ ~1:30 P.M. CST, and May 6, 2015 / 9:30 A.M. – 5:00 P.M. CST
Timothy G. Born	Gena Webb / (800 633 7550 Ext. 1351)	Twitchell / R & D Engineer	May 6, 2015 / 9:30 A.M. – 5:00 P.M. CST, May 12, 2015 / 4:35 P.M. CST, and May 13, 2015 /

On May 5, 2015 Mr. Tim Gilmore completed Terracon's Landuse Questionnaire. The complete copy of the Landuse Questionaire is shown in Appendix C. Tim Gilmore indicated that currently the property is owned by Twitchell. This has been the case since Twitchell moved on site in 1956. He indicated that according to a survey in 1948 the land was used as agricultural land prior to Twitchell. He indicated that the main building was constructed in the mid 1950's with expansions/additions in the 1980's and 1990's. He indicated that forklift batteries, paints, chemicals, and industrial drums are stored on site. He indicated that the city of Dothan provides water and sewer to the site and that Mark Dunning Industries collects garbage at the site. He indicated that Twitchell's last Phase I Environmental Assessment was dated August 4, 2011. He indicated that two discharge points are covered by Twitchell's Stormwater permit ALG24-004. He indicated that electric transformers are on the site and that the City of Dothan provides the electrical utilities and owns the transformers.

During the site visit on May 6, 2015, Mr. Tim Gilmore stated that the site was initially developed with the on-site manufacturing building in 1954. He was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site.

On May 6, 2015 Mr. Gena Webb stated that Profile Extrusion was no longer performed at the site. On May 12, 2015, she stated that the four empty silos associated with the former Profile Extrusion process, and previously discussed in section 3.1 of the Phase I Environmental Assessment Dated August 4, 2011 are currently filled with polyethylene and polypropylene used in the Extrusion Coating Line process added to the Coating Building in 2014. On May 13, 2015, she stated that the boiler in the Main Mill Building is used for process heat used for wash box cleaning and scrubber cleaning. She was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports they are aware of for the site. A previous report was provided by the client to Terracon for review.

- Phase I Environmental Site Assessment and Limited Compliance Review
  Twitchell Corporation, 4031 Ross Clark Circle NW, Dothan Alabama
  Dated: August 4, 2011
  Prepared by: URS Corporation
  For: Twitchell Corporation

According to URS's report, the site consists of approximately 33.4 acres that has been developed into a coated fabrics manufacturing facility. The site comprises six separate buildings including the Main Mill Building, Olefin Building, Raw Materials Warehouse Building, Compounding Building, Coatings Building, and unpowered Equipment Storage Shed.

The URS report stated that there were three on-site recognized environmental conditions (RECs) but listed only two: the former underground storage tanks (USTs), and past discharges to the on-site drainage ditch. These RECs are discussed below:

- A former 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel underground closed storage tanks (USTs) were installed in 1956 immediately adjacent to the southeastern corner of the Olefin Building. Soil samples collected in the vicinity of the tanks and the time of removal and closure in 1989 period. At the time of closure soil samples were collected an analyzed and there were reported total petroleum hydrocarbon concentrations between 11 – 33 parts per million (ppm). Twitchell's 1989 UST sampling report is included in Appendix C. While Alabama Department of Environmental Management (ADEM) acknowledged closure of the former USTs, a No Further Action letter from ADEM was not issued.
- Past industrial wastewater discharge to the on-site drainage ditch located at the northwestern corner of the Main Mill Building. Soil samples collected in the drainage ditch in 2004 were analyzed for arsenic, barium, cadmium, chromium, lead and silver. However, chlorinated solvents and petroleum compounds used historically in the manufacturing process were not analyzed. Copies of the 2004 drainage ditch sampling results and related correspondence are shown in Appendix C.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Radius (miles)	Listings
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	0.5	1
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.	Site	0
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their	Site and adjoining	4

Database	Description	Radius (miles)	Listings
	normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	properties	
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	0

State/Tribal Databases

Database	Description	Radius (miles)	Listings
Brownfields	State and/or Tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0
IC	Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use performed by ADEM.	Site	0
LUST	State and/or Tribal database of leaking underground storage tanks in the State of Alabama.	0.5	8
SHWS	The Alabama Department of Environmental Management (ADEM) maintains a database of State equivalent CERCLIS facilities in the State of Alabama.	0.5	0
SWF/LF	State and/or Tribal database of solid waste facilities located within Alabama. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
UST	State and/or Tribal database of registered storage tanks in the State of Alabama which may include the owner and location of the tanks.	Site and adjoining properties	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name And Location	Estimated Distance/Direction/Gradient	Database Listings
Twitchell Technical Products / Ludlow Coated Products Dothan Plant 4031 Ross Clark Circle NW	Site	FINDS, RCRA-CESQG, US AIRS / RCRA NonGen / NLR
Coleman American Moving Services 109 Loftin Road	Adjacent /E/ Cross-gradient	HIST UST
Ansell Healthcare 1635 Industrial Road	Adjacent /N/ Down-gradient	RCRA NonGen / NLR
Dunbarton Corporation Slimfold Division 868 Murray Road	Adjacent /N/ Down-gradient	AST, FINDS, RCRA NonGen / NLR
Ansell Inc. 1500 Industrial Rd	Approximately 260 feet /N/ Down-gradient	AST, LUST, HIST UST
Dothan Shop 1020 Twitchell Rd	Approximately 950 feet /S/ Down-gradient	AST, LAST, LUST
Couch, Dothan Truck Off (Pit A:Diesel) 381 Twitchell Rd (Was =1020 Twitchell Rd)	Approximately 950 feet /S/ Down-gradient	LUST
Sears Warehouse 3903 Ross Clark Cr	Approximately 1,050 feet /W/ Down-gradient	HIST UST, LUST
Lilly Industrial Coatings (Now Valspar) 1771 (Was 2305) Industrial Rd	Approximately 1,600 feet /N/ Down-gradient	LUST CERCLIS, HIST UST, RCRA NonGen / NLR
Pantry #3643 Cowboys 4196 Ross Clark Circle	Approximately 2,300 feet /ESE/ Down-gradient	HIST UST, LUST, UST
Citgo Food Mart 115 2214 Denton Rd	Approximately 2,570 feet /W/ Down-gradient	LUST, UST

<u>Twitchell Technical Products / Ludlow Coated Products Dothan Plant</u>

The Twitchell Technical Products facility is listed as FINDS, RCRA-CESQG, US AIRS / RCRA NonGen / NLR facility. The RCRA-CESQG listing indicates the facility has registered as a CESQG since 1998, and hazardous wastes generated include arsenic, barium, lead, and non-halogenated solvents. No violations or compliance issues were reported for the facility. The database record also indicates the site as the former Ludlow Coated Products Dothan Plant facility and included listings as a RCRA NonGen / NLR. No violations or compliance issues were reported for the facility. The listings do not represent a REC in connection with the site.

Coleman American Moving Services

The Coleman American Moving Service is adjacent to the east of the site and is listed as a HIST UST facility. The database report indicated that the facility installed a 1,000-gallon gasoline UST in 1963, and installed a 1000-gallon diesel UST in 1978. Database findings report that the UST's at the facility were last used 1998. According to Mr. Craig Hodes, Environmental Scientist with the Alabama Department of Environmental Management (ADEM) Groundwater Section (334-270-5655), the USTs were removed from the property in September 1998 and the facility was issued a No Further Action (NFA) in November 1998. No violations, releases, or compliance issues were reported for the facility. The listing does not appear to represent a REC in connection with the site.

Ansell Healthcare

The Ansell Healthcare facility borders Murray Road and is adjacent to the north of the site. It is listed as a RCRA NonGen / NLR facility. No violations, releases, or compliance issues were reported for the facility. Based on the facility's status, and apparent down gradient position relative to the site, the listings do not represent a REC in connection with the site.

Dunbarton Corporation / Slimfold Division (current Panhandle Converter Recycler)

The Dunbarton Corporation / Slimfold Division borders Murray Road and adjacent to the north of the site. It is listed as an AST, FINDS, RCRA NonGen / NLR facility. No violations, releases, or compliance issues were reported for the facility. Based on the facility's status, and apparent down gradient position relative to the site, the listings do not represent a REC in connection with the site.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 19 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site or adjacent properties. These facilities are listed in the database report in Appendix D

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Houston County Health Department / by phone (334 678 2800 Option 4)	Mr. James Brown of the Houston County Health Department was unaware of any environmental concerns associated with the site.
Dothan Fire Marshall's Office / by phone (334 615 3500)	According to Captain Jimmy Ward of the Dothan Fire Marshall's Office, there have been 4 calls to the site for structure fires but none posed any environmental threat. He was unaware of any environmental concerns associated with the site.
Dothan Permitting and Inspections Department / by phone (334 615 4451)	Mr. Craig Scurlock, Building Official with the Dothan Permitting and Inspections Department was unaware of any environmental concerns associated with the site.
Dothan Planning & Zoning Department / by phone (334 615 4406)	According to Mr. Ernest Stokes, Chief Engineer with the Dothan Planning and Zoning Department, he was unaware of any environmental concerns associated with the site.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Exhibit 2A in Appendix A is a Site Diagram of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Timothy G. Born
Reconnaissance Date	May 6, 2015
Weather Conditions	Clear / 65 degree Fahrenheit
Site Contact/Title	Tim Gilmore / Twitchell Vice President of Operations, and Gena Webb / Twitchell R & D Engineer

Building Description				
Building Identification	**Building Use**	**Approx. Construction Date**	**Number of Stories**	**Approx. Size (ft²)**
Main Mill Building	2% Offices, 98% processes including coloring, yarn extrusion, knitting, beaming, finishing and weaving.	1956	1	199,871
Olefin Building	Processes including olefin, maintenance, quality control, sample storage, and tool crib.	1956	1	49,400
Raw Material Warehouse Building	Raw material storage/warehouse	1981	1	33,000
Compounding Building	Houses raw material compounding process	1987	1	2,450
Coating Building	Houses non-woven coating process and additional warehouse space.	1995	1	49,415
Equipment Storage Shed	Houses retired and obsolete equipment from site manufacturing processes.	1992	1	2,400
Site Utilities				
Drinking Water	City of Dothan			
Wastewater	City of Dothan			

5.2 Overview of Current Site Occupants

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as Twitchell Technical Products. The site employs 300 individuals of which the majority are manufacturing workers. The property has been improved with six separate buildings associated with Twitchell manufacturing operations The 199,871-square foot Main Mill Building, constructed in the mid-1950s and consists of offices and processes including coloring, yarn extrusion, knitting, beaming, finishing, and weaving. The 49,400-square foot Olefin Building, also constructed in the mid-1950s consists of processes including olefin, maintenance, quality control, sample storage, and a tool crib. A 33,000-square foot raw materials warehouse was constructed at the site in 1981. A 2,450-square foot Compounding Building contains raw material compounding processed and was constructed in 1987. A 49,415-square foot Coatings Building was constructed in the mid-1990s, and consists

of non-woven coating processes and additional warehouse space. A 2,400-square foot, unpowered Equipment Storage Shed was constructed in 1992 and stores retired and obsolete equipment from on-site manufacturing processes.

5.3 Overview of Current Site Operations

The Twitchell manufacturing facility is currently developed with six separate buildings including the Main Mill Building, Olefin Building, Raw Materials Warehouse Building, Compounding Building, Coatings Building, and an unpowered Equipment Storage Shed. The site also includes asphalt-paved parking and driveway including landscaped areas. Densely wooded areas were observed in the northwestern portion the site and were subsequently not accessed during site reconnaissance.

Facility processes initiate from stored materials in the Raw Materials Warehouse. Current processes include dry blend, extrusion, beaming, weaving, finishing, olefin, and coating.

Raw Materials Warehouse Building: Materials located in the warehouse include polyester (PE) yarn, polypropylene (PP) resin, polyethylene resin, biocide, lubricant, calcium carbonate, polyvinyl chloride (PVC) color concentrates, polypropylene color concentrates, and packaging materials. The warehouse is used strictly for storage of raw materials before use in production.

Compounding – Materials located in the compounding area include PVC resin, plasticizer, heat stabilizer, lubricant, biocide, UV stabilizer, calcium carbonate, and flame retardants. Raw materials are mixed in the compounding using a high intensity mixer resulting in a PVC compound. There are several different types of compound which are stored in silos within the compounding area. The compound stored in the silos is vacuumed to the color mixing area where color concentrates are added to the compound. Seven silos and aboveground storage tanks (ASTs) are located immediately outside of the compounding building, as follows: three 10,000-gallon plasticizer ASTs; two 5,000-gallon master batch (heat stabilizer) ASTs; and two PVC resin silos. The compounding facility was built and incorporated in 1987.

Dry Blend: Dry Blend is the department where color concentrates are added to the compound produced by the compounding department. The compound is vacuumed directly from the silos inside the compounding area into one of the two designated mixers. Once the color is added to the compound, it is transferred into a plastic box and stored until use in Extrusion. No raw materials are stored in the Dry Blend area. Color concentrates are ordered from the raw materials warehouse and resubmitted once the color has been mixed. The Dry Blend department began production in 1996.

Extrusion: The extrusion department takes the color compound produced by Dry Blend and extrudes a thin coating over polyester yarn. The color compound is transported to the extrusion department and is transferred into a large metal bin. There is a separate room on the side of Extrusion that is closed off and has two large dust collecting systems. This is where the colored

compound is transferred from its plastic box to the large metal bin. The metal bin is placed behind the extrusion machine, which produces four yarns which are wound onto cardboard tubes. These tubes are then placed in boxes and stored until use in Beaming. There are twenty-nine (29) extrusion machines located in this department. Twitchell began production of yarns in 1971.

Beaming: The Beaming department takes the tubes of yarn made in Extrusion and puts them on creels. The creels are then attached to the beaming machines. The yarn is spun onto a beam, which makes up the warp for the waving machines. As the yarn is spun onto the beam, there is a bath of an emulsion-based lubricant that the yarns pass through. This emulsion is the only raw material stored and used in the Beaming department. There are eight beaming machines in this department. The Beaming department began production in 1971.

Weaving: Once a beam is made, it is transported to the Weaving department. The Weaving department takes the beam that has been made and pulls the warp through the machine. As the warp feeds through the machine, fill yarns are added creating a finished fabric. There are eighty-five (85) weaving machines located in the Weaving department. Twitchell began weaving at the current location in 1957.

Finishing: Once the fabric is woven, it is transported to the Finishing department. There are two finishing ranges located in the finishing department. The first machine is named the Marshall & Williams, and was installed in 1981. The woven fabric passes through the finishing frame and cooled before being rolled onto cardboard tubes. The Marshall & Williams has a scrubber located above the oven which works to remove all of the larger or heavy particles. A second machine, identified as the Babcock, was installed in 2001. The fabric passes through the frame in a similar manner, is cooled and rolled onto cardboard tubes. The Babcock has a scrubber, as well as a “Smog Hog,” attached to it. The Babcock’s scrubber also works to remove all of the larger or heavy particles. The Smog Hog’s function is to remove smaller particles once it has passed through the scrubber.

Olefin: In addition to PVC coated polyester fabrics, Twitchell also produces a polypropylene fiber fabric. The fiber is extruded in the Olefin department, which began operations in 1996. Polypropylene resin is vacuumed in from a silo directly into the extruder. A color concentrate is added to the resin at the extruder. Both the resin and color additive are in pellet form. Once the fiber is extruded, it is transferred to the texturizing machine. The texturizing machine combines two yarns together using air and water. There are three extrusion machines and two texturizing machines located within the Olefin department.

Coating: The Coating department receives non-woven materials, and extrusion coats the material with one of the following resins: polypropylene, polyethylene, polyurethane, or polyester. The non-woven passes through the machine, then the exudate comes from a sheet die and is bonded to the non-woven fabric. This fabric then passes through two chilled rollers and is wound onto cardboard tubes. There is only one extrusion coating machine located within

the Coating department. Coating also has two slitters and a sheeter, which cut the fabric down to the size specified by the customer. In a separate room from the coating extrusion equipment is a laminator, which ultrasonically welds some of the non-woven goods together. Two silos are located outside of the Coating department, containing polypropylene resins used in the coating process. Coating began production between 1993 and 1994. An Extrusion Coating Line was added to the Coating Building in 2014. The *Profile Extrusion* department discussed in the URS Corporation Phase I Environmental Site Assessment and Limited Compliance Review report dated August 4, 2011 has been discontinued and is no longer on-site.

5.4 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	X
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	X
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Vehicle repair or maintenance	
	Pesticide/herbicide production or storage	
	Printing operations	
	Electroplating, chrome plating or galvanizing	
	Salvage operations	
	Oil, gas or mineral production	
	Other processes or equipment	X
Aboveground	Aboveground storage tanks	X

Category	Item or Feature	Observed or Identified
Chemical or Waste Storage	Drums, barrels and/or containers ≥ 5 gallons	X
	MSDS	X
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	X
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	X
Electrical Transformers/ PCBs	Transformers and/or capacitors	X
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	X
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	X
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	X
Other Notable Site Features	Surface water bodies	X
	Quarries or pits	
	Wastewater lagoons	
	Wells	

Site Operations, Processes, and Equipment

<u>Air compressors</u>
Air compressors are located throughout the facility. Minor staining observed appeared to be a *de minimis* condition.

Heating and/or cooling systems

Electric heating and cooling is supplied to the buildings on-site. The facility has 12 circuits with 50 or more pounds of regulated refrigerant.

Other processes or equipment

One boiler was observed in the Main Mill Building. According to Ms. Gena Webb, Twitchell R & D Engineer, heated water from the boiler is used for wash box finishing processes and for cleaning the smog hog scrubber. One facility chiller is used for end processes. Process wastewater generated at the site is discharged to the sanitary sewer system. Dry blending processes utilize designated mixers in the compounding area, while extrusion processes include dust collection systems used during product/compound transfers. Minor surficial staining or releases in these areas appeared to be a *de minimis* condition.

Aboveground Chemical or Waste Storage

Aboveground storage tanks

Five ASTs are located west of the Compounding Building and within concrete secondary containment berms. The ASTs include two 5,000-gallon tanks installed in approximately 1987, one 10,000-gallon tank installed in approximately 1987, and two 10,000-gallon tanks installed in approximately 1993. The 5,000-gallon tanks contain plasticizer, and the three 10,000-gallon tanks contain a heat stabilizer identified as Akcrostab LT-4803 (Master Batch). The tanks appeared in good condition, with a fiberglass exterior wrap around the two 5,000-gallon ASTs. Staining and/or releases were not observed in the vicinity of the ASTs during the site reconnaissance.

Ten silos are located in outdoor areas at the site. Five additional silos are located in the Compounding Building and store raw materials used in the compounding process. Two PVC resin silos are located west of the Compounding Building and contain PVC resins. Two polypropylene resin silos are located adjacent to the southeastern corner of the Coating Building, and one polypropylene resin silo is located adjacent to the exterior breezeway on the northern side of the main mill building. One empty silo is located on the southeastern corner of the Compounding Building, between the Compounding Building and the Main Mill Building. Four silos are located on the west side of the Coating Building and contain polypropylene and polyethylene. Staining and/or releases were not observed in the vicinity of the silos during the site reconnaissance.

Drums, barrels, and/or containers ≥ 5 gallons

Drums and totes were observed throughout the site. Typical drum content included oils, cleaning materials, and raw materials used in the facility's manufacturing processes. A concrete block secondary containment basin was observed associated with the drum shed in the central portion of the subject property. Staining and/or releases were not observed on the drums or on the concrete in the vicinity of the drums.

A list provided by facility personal is included below:

Material	Volume/Quantity	Location
Gear Oil	1-55 gallon drum	R/M Warehouse
Active 7744	1-55 gallon drum	R/M Warehouse
Sufonated Castor Oil	1-55 gallon drum	Knitting
Huby Tex	1-55 gallon drum	R/M Warehouse
Cell Soak 380	4-55 gallon drum	R/M Warehouse & Finishing
Lurol PP8126	4-55 gallon drum	R/M Warehouse & Finishing
Intercide ABF-5	2-300 gallon Stainless Steele Totes	R/M Warehouse & Compound Building
Marlube X-5	2-55 gallon drums	R/M Warehouse & Olefin Department
Used Oil	1-300 gallon Tote	Inside Containment Area
Plasticizer	3-10,000 Gallon AST's	Tank Farm
Akcrostab LT 4803	2-5,000 ASTs	Tank Farm
Turbo-Industrial Parts Degreaser	5-30 gallon drums (Parts Washer Cabinet)	Forklift Charging Station, Maintenance Shop & Weave Room
D-Limonene (cleaning Solution)	4-55 gallon drums	Finishing
Zonyl 8412	1-55 gallon drums	Finishing
76 Extra Heavy Duty Gear Lube	1-55 gallon drums	Weaving
White Mineral Oil	1-55 gallon drums	Weaving
Clean 101E	4-55 gallon drums	Weaving

MSDS

Material Safety Data Sheets (MSDSs) are kept on site; however, matching of the MSDS to the chemical storage observed on site was not performed as part of the scope of services.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Underground storage tanks or ancillary UST equipment

Surface indications of USTs were not observed on the site during site reconnaissance. However, facility personnel provided documentation and discussed two former UST's installed at the site adjacent to the Olefin Building. The USTs were discussed in Section 3.7.

Interior floor drains

Numerous floor drains were observed throughout the facility and are reportedly plugged. Staining and/or releases to the floor drains were not observed during the site reconnaissance. Potentially hazardous materials did not appear to be stored in the vicinity of the floor drains.

According to facility personnel, all contact water and process water is discharged to the municipal sewer, which is permitted under a State Indirect Discharge Permit (Permit Number: IU 32 35 00012). Prior to plumbing the discharge points into the sanitary sewer discharge and scaling back in facility production, the facility discharged industrial wastewater to an adjacent drainage ditch located on the western side of the subject property.

Electrical Transformers/PCBs

Transformers and/or capacitors

During Terracon's site visit, 7 pad mounted and 16 pole-mounted transformers, owned and serviced by the City of Dothan, were observed on and adjacent to the site; however, no information with regard to PCB content of the transformer fluids was observed. Some transformers contain mineral oil which may contain PCBs.

The city of Dothan maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the city of Dothan is not required to replace the transformer fluids until a release is identified. However, evidence of current or prior release was not observed in the vicinity of the electrical equipment during the site reconnaissance.

Releases or Potential Releases

Stained pavement or similar surfaces

Minor staining of concrete in association with small waste storage containment area and air compressors was observed. The staining appeared to be a *de minimis* condition.

Trash, debris and/or other waste materials

Six solid waste disposal dumpsters, serviced by Mark Dunning Industries were observed at exterior locations adjacent to the buildings on site. Solid waste generated at the subject property consists of office-type waste including office paper, general packaging, and restroom wastepaper, and manufacturing waste including selvedges, off-specification product, and other wastes from the manufacturing process. Staining, noxious odors or hazardous waste disposal was not observed in the vicinity of the on-site dumpsters.

Two solid waste disposal compactors were observed at exterior locations adjacent to the northeastern corner of the Coating Building, and the breezeway east of the Compounding Building. The trash compactors are hydraulically operated and surficial staining was not observed on the paved surface beneath the hydraulic reservoirs.

Three cardboard bailers were also observed at exterior/interior locations at the site. One bailer is located adjacent to the compactor east of the Compounding Building, while two additional bailers were observed indoors within the Coatings and Yarn Extrusion area. Staining was not observed on the surface beneath the hydraulic reservoirs.

Exterior pipe discharges and/or other effluent discharges

A discharge was observed in the drainage ditch in the vicinity of a headwall drain pipe (Appendix B: Photo #43) during site reconnaissance. The discharge was white, and no distinguishing odors were apparent. The stained area was approximately 9 square feet in size. The discharge appeared to exit from a nearby headwall pipe into the drainage diched located at the northwest corner of the Main Mill Building. According to site representatives the discharges source could not be confirmed, but they suspected it was from the beef tallow based lubricant.

Process wastewater generated from the facility is currently discharged to the sanitary sewer system. Prior to plumbing the discharge points into the sanitary sewer, the facility discharged industrial wastewater to the drainage ditch located at the northwest corner of the Main Mill Building.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	North: Paved road (Murray Road), followed by Panhandle Converter Recycler (868 Murray Road), vacant lot, Ansell Health Care, Inc. (1635 Industrial Boulevard), ITS Products Inc. (784 Murray Road), Former Bobcat (768 Murray Road), and Former Rexel Southern (744 Murray Road). Northeast: City of Dothan Water Tower, followed by Consolidated Electrical Contractors (714 Murray Road). Northwest: Dothan Overhead Door (877 Murray Road), followed by Seaboard Coast Line Railroad, followed by Dothan Warehouse (980 Murray Road).
East	Tony's Service Center/Budget Truck Repair (4083 Ross Clark Circle), Coleman American Moving Services (109 Loftin Road), City of Dothan water well, Jackson's Trophies (711 Murray Road), and Media Mechanical Services (725 Murray Road).
South	South: Unpaved road, followed by a paved road (Ross Clark Circle), followed by Former A & D Automotive (4074 Ross Clark Circle), Dothan Chrysler Dodge Jeep Ram (4066 Ross Clark Circle), and Stokes Floor Covering (4064 Ross Clark Circle). Southeast: Holiday Inn Express & Suites (4090 Ross Clark Circle). Southwest: Power Substation.
West	Seaboard Coast Line Railroad, followed by Argo's USA Corp. (600 Rogers Road), followed by Industrial Chemical Inc. (609 Rogers Road) and Conway Freight (608 Rogers Road), followed by Holland Manufacturing (202 Zenith Road).

RECs were not observed with the adjoining properties.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted. A Limited Environmental Compliance Assessment (LECA) was conducted in conjunction with this Phase I ESA, and a separate LECA report is being submitted.

8.0 DECLARATION

I, Frank M. Nowicki, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

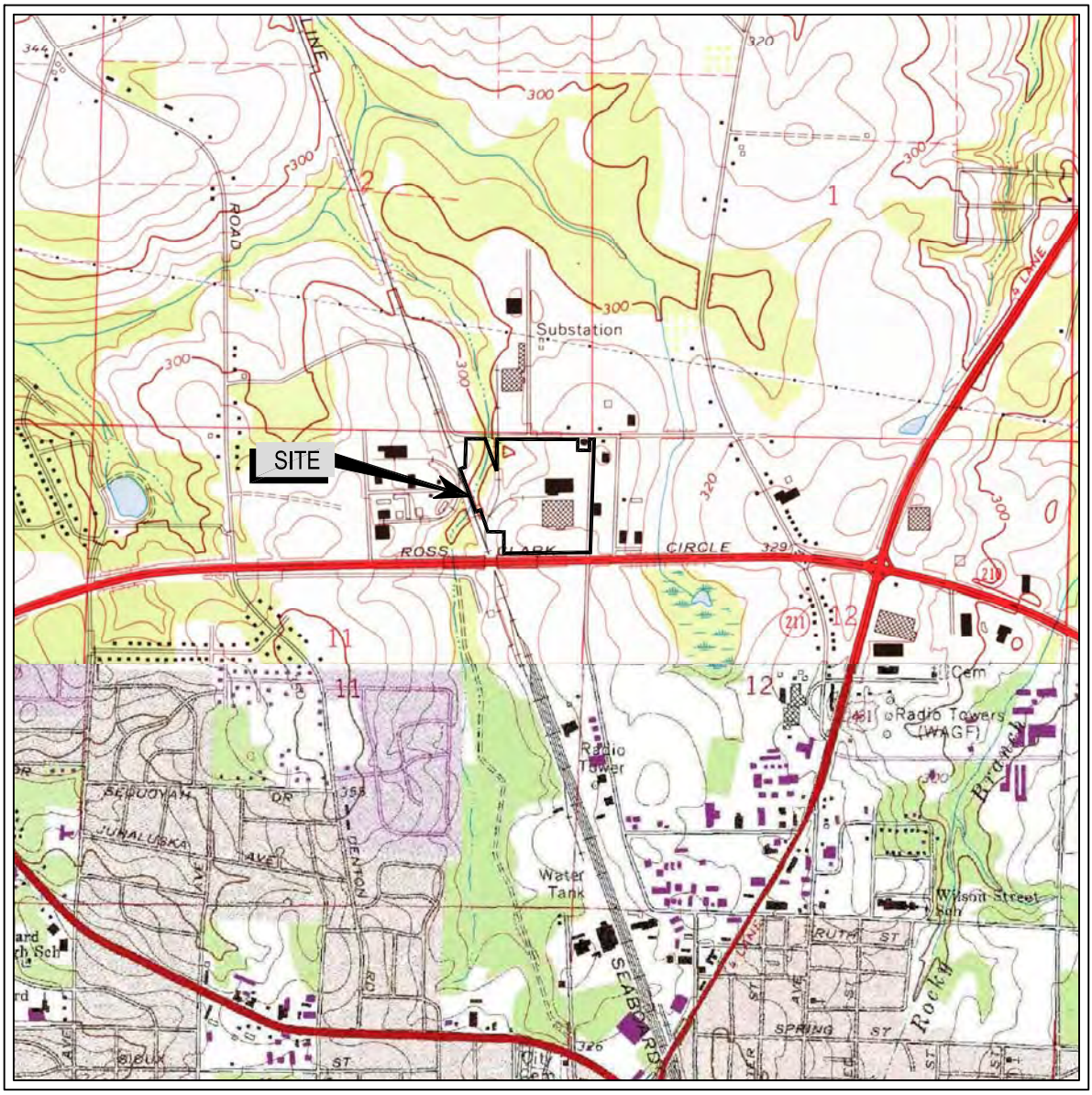
Susan Berrian for

Frank M. Nowicki.
Senior Project Professional

.

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC VICINITY MAP
EXHIBIT 2A – SITE DIAGRAM
EXHIBIT 2B – AERIAL SITE AND AJACENT PROPERTY MAP

UNITED STATES – DEPARTMENT OF THE INTERIOR – GEOLOGICAL SURVEY



SCALE 1:24 000

1 .5 0 KILOMETERS 1 2

1000 0 METERS 1000 2000

1 .5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

FEET

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

MIDLAND CITY, AL

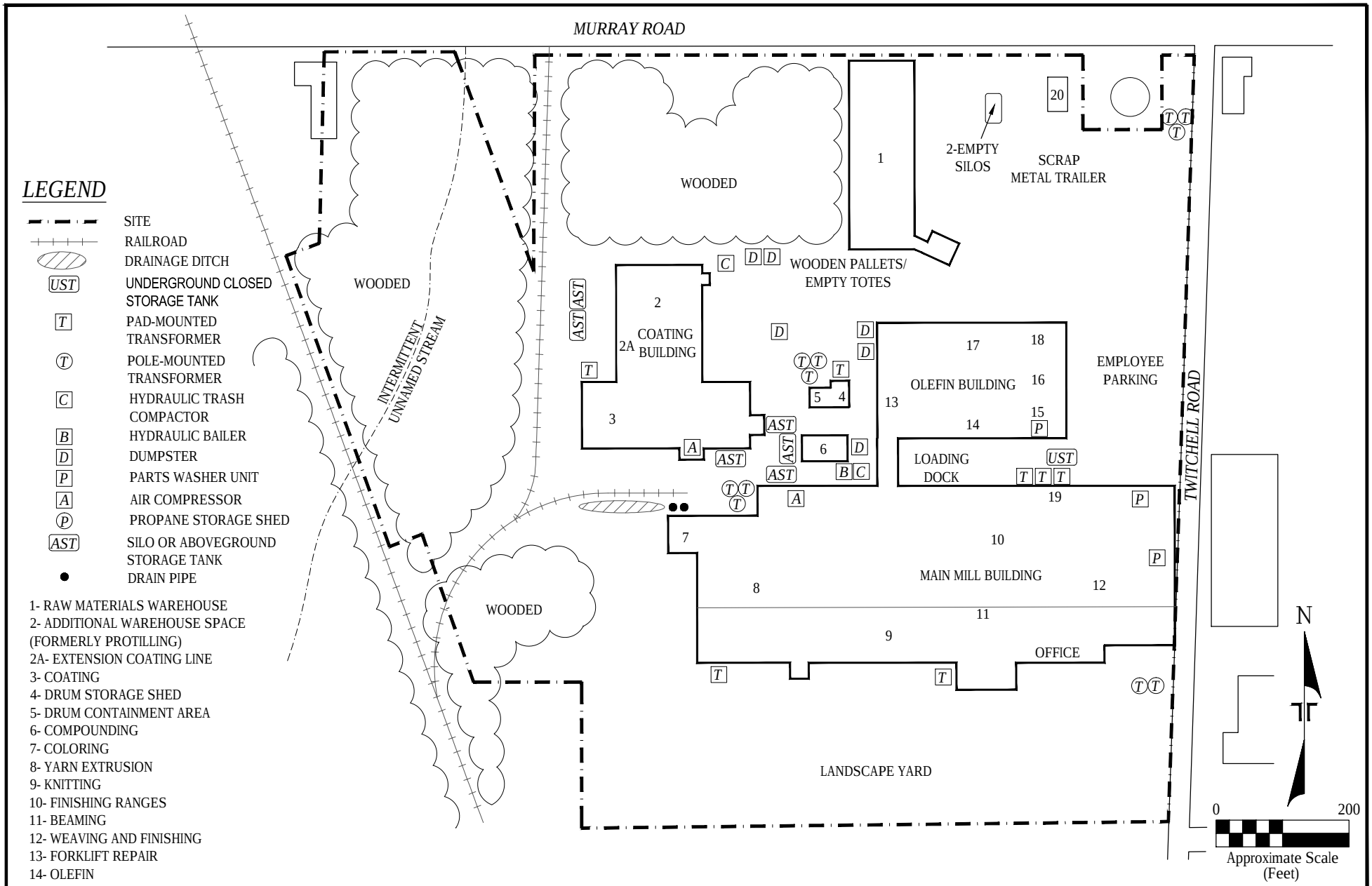
DOTHAN WEST, AL

1969 PR1981

7.5 MINUTE SERIES (TOPOGRAPHIC)

*INDICATES WHICH MAP SITE IS LOCATED ON

Project Mngr: TGB	Project No. EA157710	Terracon Consulting Engineers and Scientists	TOPOGRAPHIC VICINITY MAP	EXHIBIT
Drawn By: TLY	Scale: AS SHOWN	9900 North Davis Highway Pensacola, FL 32514	PHASE I ENVIRONMENTAL SITE ASSESSMENT	
Checked By: TGB/MRF	File No. ESAEA157710-1	(850) 477-0454 (850) 477-0534	TWITCHELL TECHNICAL PRODUCTS, LLC	
Approved By: TGB	Date: MAY 2015		4031 ROSS CLARK CIRCLE NW	1
			DOTHAN, HOUSTON COUNTY, AL	



LEGEND

- SITE
- RAILROAD
- DRAINAGE DITCH
- UST — UNDERGROUND CLOSED STORAGE TANK
- T — PAD-MOUNTED TRANSFORMER
- T — POLE-MOUNTED TRANSFORMER
- C — HYDRAULIC TRASH COMPACTOR
- B — HYDRAULIC BAILER
- D — DUMPSTER
- P — PARTS WASHER UNIT
- A — AIR COMPRESSOR
- P — PROPANE STORAGE SHED
- AST — SILO OR ABOVEGROUND STORAGE TANK
- DRAIN PIPE

1- RAW MATERIALS WAREHOUSE
2- ADDITIONAL WAREHOUSE SPACE (FORMERLY PROTILLING)
2A- EXTENSION COATING LINE
3- COATING
4- DRUM STORAGE SHED
5- DRUM CONTAINMENT AREA
6- COMPOUNDING
7- COLORING
8- YARN EXTRUSION
9- KNITTING
10- FINISHING RANGES
11- BEAMING
12- WEAVING AND FINISHING
13- FORKLIFT REPAIR
14- OLEFIN
15- MAINTENANCE SHIP
16- TOOL CRIB
17- QUALITY CONTROL
18- SAMPLES
19- BOILER ROOM
20- EQUIPMENT STORAGE SHED

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	TGB
Drawn By:	TLY
Checked By:	TGB/MRF
Approved By:	TGB

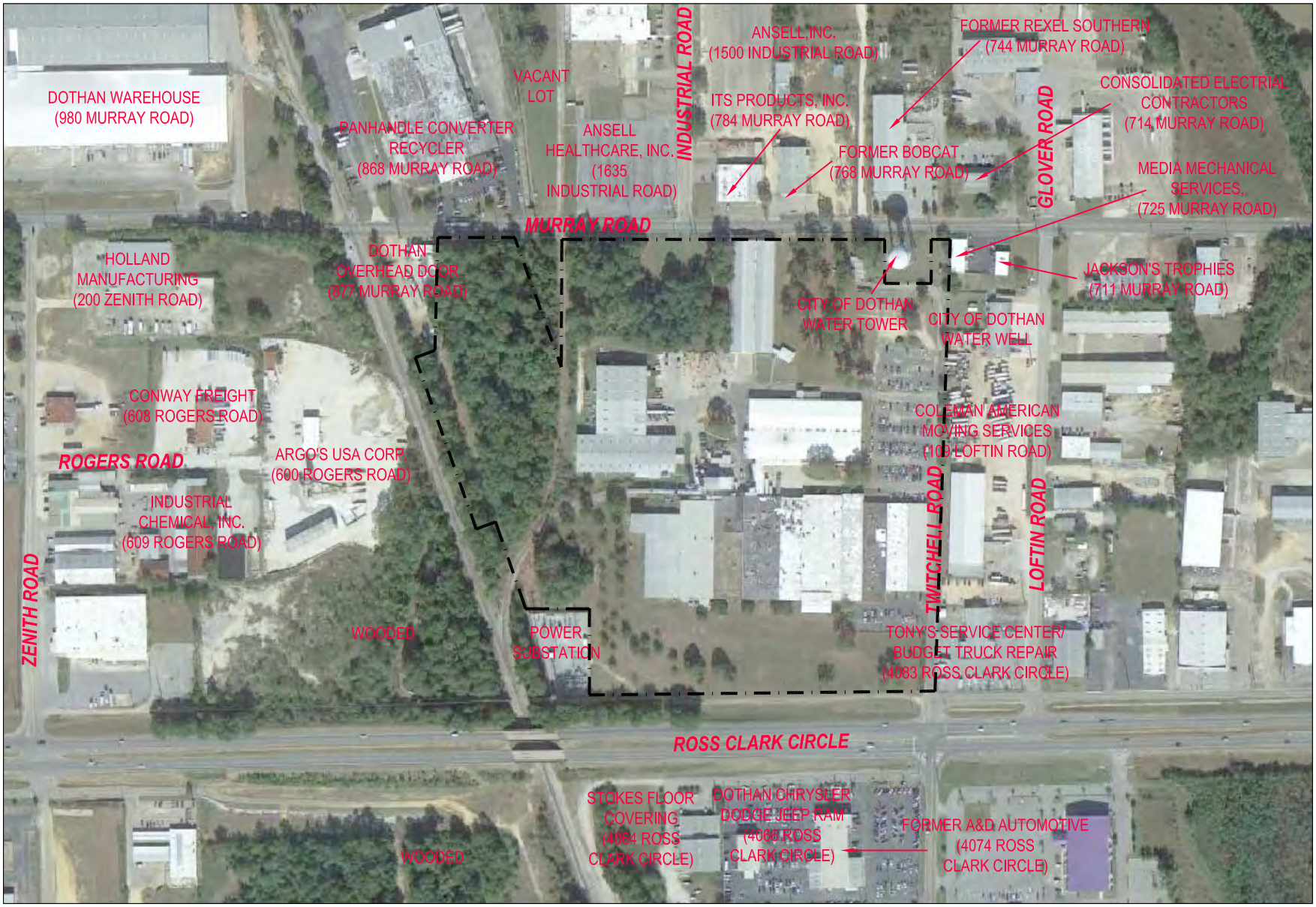
Project No.	EA157710
Scale:	AS SHOWN
File No.	ESAEA157710-2A
Date:	MAY 2015

Terracon
Consulting Engineers and Scientists
9900 North Davis Highway Pensacola, FL 32514
(850) 477-0454 (850) 477-0534

SITE DIAGRAM

PHASE I ENVIRONMENTAL SITE ASSESSMENT
TWITCHELL TECHNICAL PRODUCTS, LLC
4031 ROSS CLARK CIRCLE NW
DOTHAN, HOUSTON COUNTY, AL

EXHIBIT
2A



NOT TO SCALE

LEGEND

SITE

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr: TGB	Project No. EA157710
Drawn By: TLY	Scale: AS SHOWN
Checked By: TGB/MRF	File No. ESAEA157710-2B
Approved By: TGB	Date: MAY 2015

Terracon
Consulting Engineers and Scientists
9900 North Davis Highway Pensacola, FL 32514
(850) 477-0454 (850) 477-0534

AERIAL SITE AND ADJACENT PROPERTY MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
TWITCHELL TECHNICAL PRODUCTS, LLC
4031 ROSS CLARK CIRCLE NW
DOTHAN, HOUSTON COUNTY, AL

EXHIBIT
2B

APPENDIX B
SITE PHOTOGRAPHS

Photo 1: View facing west of the Main Mill Building Office Entrance.

Photo 2: View facing northwest of the discharge withdrawal point located at the southeastern corner of the Main Mill Building.

Photo 3: View facing north along the eastern side of the Main Mill Building.

Photo 4: View facing north overlooking the employee parking lot and the northeastern corner of the site.

Photo 5: View facing west along the northeastern corner of the Main Mill Building, including the Main Mill Building boiler room in the background. Note the former UST area to the left in the background located at the southeastern corner of the Olefin Building.

Photo 6: View facing east along the northwestern corner of the Main Building. Note the drainage ditch to the left and silos in the background.

Photo 7: View along the western side of the Main Mill Building facing northeast.

Photo 8: View facing west along the southwestern side of the Main Mill Building. Note the pad mounted transformer to the right.

Photo 9: View facing west of the dust suppression system baghouse located on the southern side of the Main Mill Building.

Photo 10: View facing west of the rail spur and air compressor area at the rear of the Main Mill Building.

Photo 11: View facing west of compressors located on the northern side of the Main Mill Building. Uncontained blow down water is not apparent.

Photo 12: .View facing southwest of the former decommissioned chiller unit location at the northwestern corner of the Main Mill Building.

Photo 13: Additional view facing west of the former decommissioned chiller unit location. Note the discharge headwall for former floor drains and process water that discharged to the drainage ditch on the western side of the site.

Photo 14: View facing southwest where former debris pile was located on the western side of the site.

Photo 15: View facing west where former stressed vegetation was located adjacent to the former debris pile on the western side of the site.

Photo 16: View of the former boiler unit located within the Main Mill Building boiler room.

Photo 17: .View facing north of the former UST area adjacent to the Main Mill Building and the southeastern corner of the Olefin Building.

Photo 18: View facing northwest of the Raw Materials Warehouse Building.

Photo 19: Additional view facing north of the Raw Materials Warehouse Building, and stormwater drainage features to the right.

Photo 20: View of typical interior conditions within the Raw Materials Warehouse Building, including drum storage area.

Photo 21: View facing north of the empty tote storage area located at the southwestern corner of the Raw Materials Warehouse Building.

Photo 22: View facing northwest of the wood pallet storage area and hydraulic compactor located at the northeastern corner of the Coating Building in the northwestern portion of the site.

Photo 23: View facing southwest of the former compressor and equipment pad located at the northwestern corner of the Coating Building.

Photo 24: .View facing south of the four PVC compound silos at the western side of the Coating Building.

Photo 25: View facing north of the four silos, pad mounted transformer, and boiler located on the western side of the Coating Building.

Photo 26: View facing west of the two polypropylene silos and compressor shed on the southern side of the Coating Building.

Photo 27: View within the Coating Building of the former drum storage area.

Photo 28: View facing west of the drum storage shed and containment berm. Stored drums are not apparent.

Photo 29: .View facing west of the containment berm located at the drum shed. A five-gallon bucket and Waste Oil tote are shown within the containment berm on the right side of the photo

Photo 30: View facing northeast of the five-gallon bucket and Waste Oil tote within the containment berm located at the drum storage shed.

Photo 31: View facing southwest of the tank farm, including 10,000-gallon plasticizer ASTs.

Photo 32: View facing east of 10,000-gallon plasticizer and 5,000-gallon master batch ASTs.

Photo 33: View facing east of the 5,000-gallon master batch ASTs.

Photo 34: View facing south of a PVC resin silo, rail car and offload area, with Main Mill Building to the rear.

Photo 35: View facing east of an empty silo and polypropylene resin silo on the northern side of the Main Mill Building.

Photo 36: .View facing south of a hydraulic bailer, a hydraulic compactor, a polypropylene silo (on the left), a dumpster and an empty silo (on the right) located at the northern side of the Main Mill Building.

Photo 37: View within the Compounding Building of the hoppers and mixing area.

Photo 38: View within the Compounding Building of the storage and preparation area.

Photo 39: View within the Compounding Building of the tote storage and staging area.

Photo 40: View facing east of the forklift charging area and parts washer cabinet within the breezeway located between the Main Mill Building and the Olefin Building.

Photo 41: .View facing southwest of the utility-owned power substation located adjacent to the southwestern corner of the site.

Photo 42: View of the plant courtyard driveway area, including dumpsters and rolloff trash containers.

Photo 43: View facing north of the discharge point headwall for former floor drains and process water pipes, with white surface discharge apparent in drainage ditch located on the western side of the property.

Photo 44: View facing north of the Main Mill Building.

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, AL 36303

Inquiry Number: 4279750.4
April 30, 2015

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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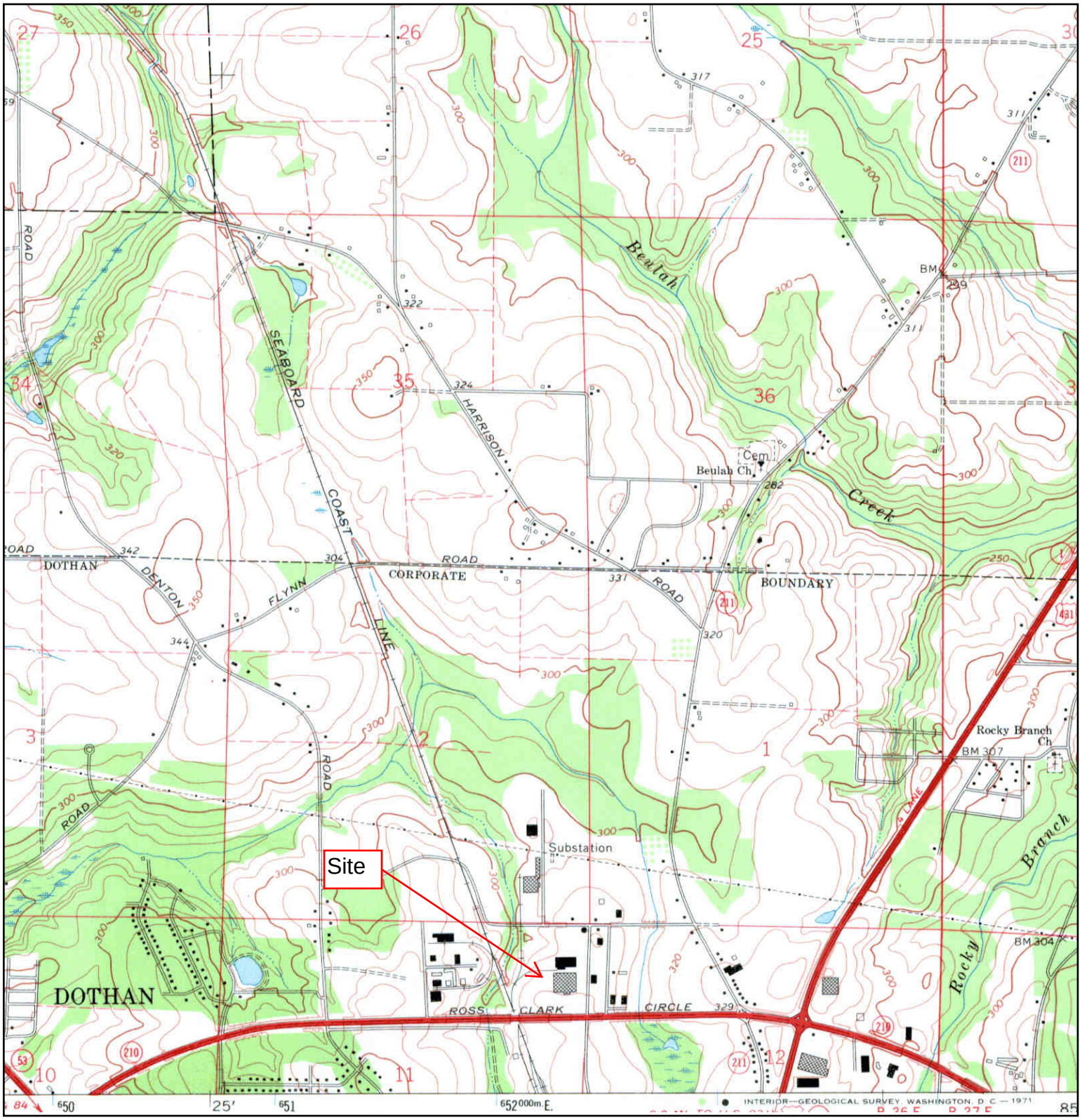
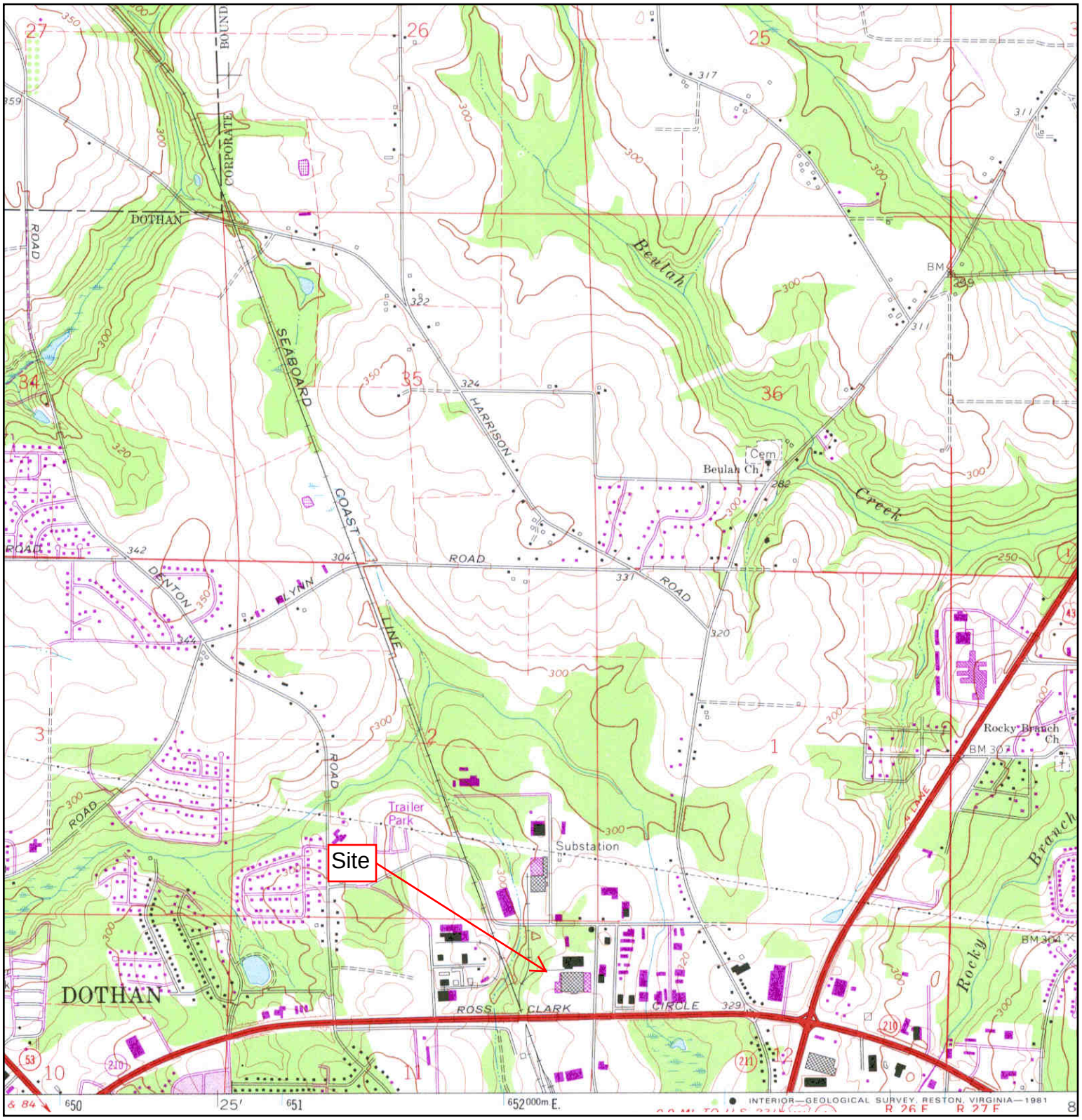
Historical Topographic Map



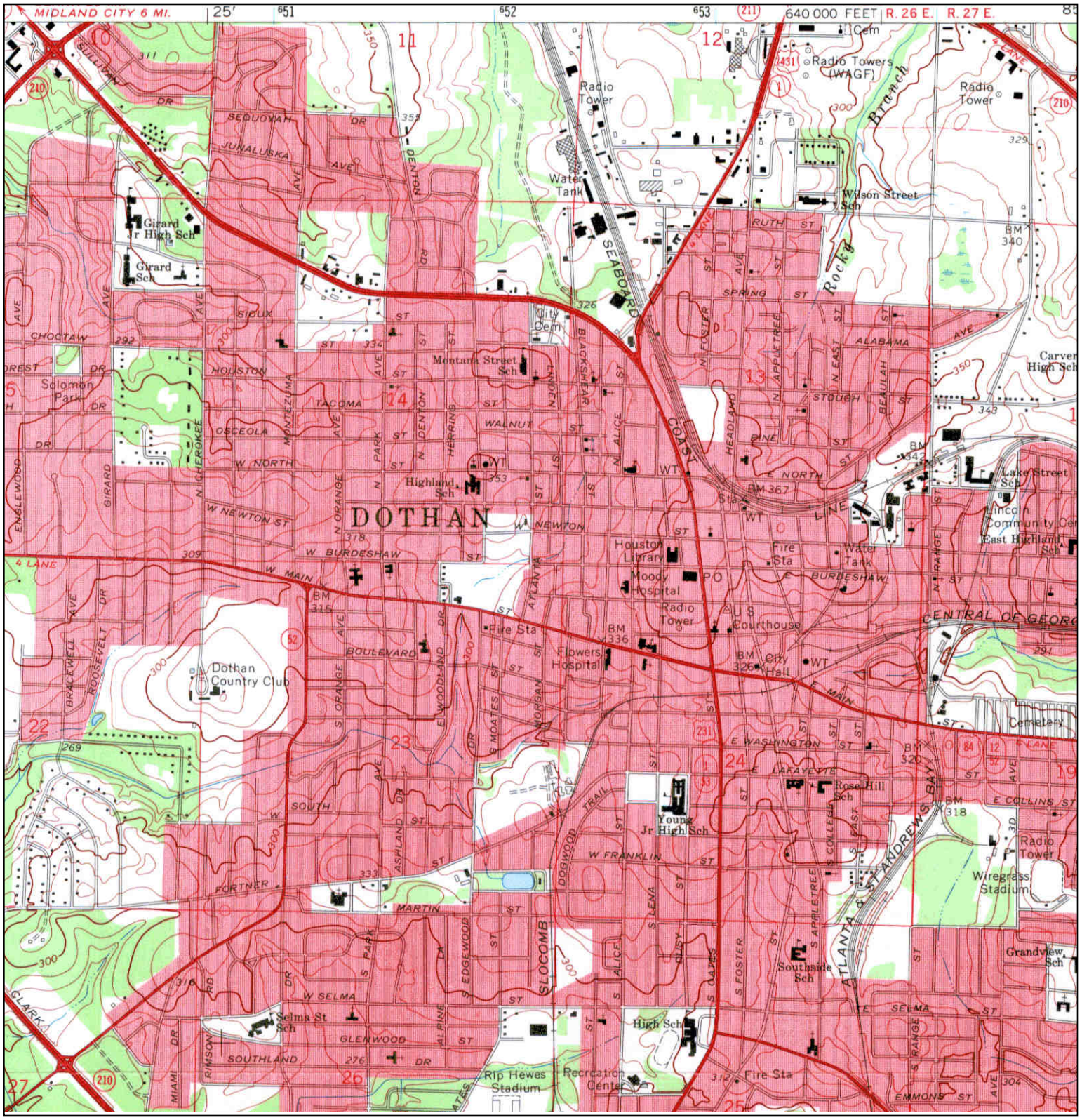
N	TARGET QUAD NAME: MIDLAND CITY MAP YEAR: 1969 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Twitchell Technical Products ADDRESS: 4031 Ross Clark Circle Dothan, AL 36303 LAT/LONG: 31.2554 / -85.4014	CLIENT: Terracon, Inc. CONTACT: Tim Born INQUIRY#: 4279750.4 RESEARCH DATE: 04/30/2015

Historical Topographic Map



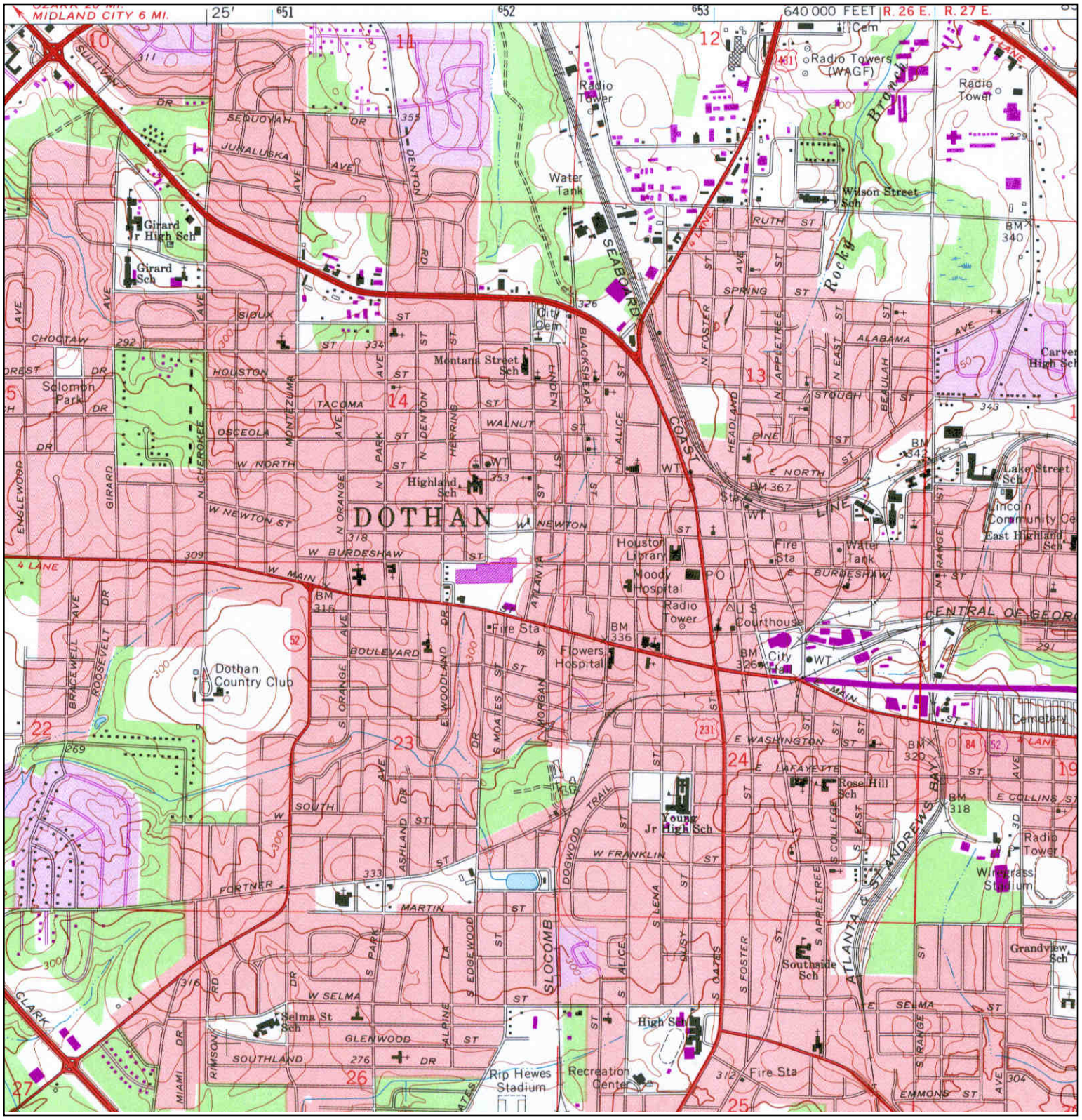
N	TARGET QUAD NAME: MIDLAND CITY MAP YEAR: 1981 PHOTOREVISED FROM :1969 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Twitchell Technical Products ADDRESS: 4031 Ross Clark Circle Dothan, AL 36303 LAT/LONG: 31.2554 / -85.4014	CLIENT: Terracon, Inc. CONTACT: Tim Born INQUIRY#: 4279750.4 RESEARCH DATE: 04/30/2015

Historical Topographic Map



N	ADJOINING QUAD NAME: DOTHAN WEST MAP YEAR: 1969 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Twitchell Technical Products ADDRESS: 4031 Ross Clark Circle Dothan, AL 36303 LAT/LONG: 31.2554 / -85.4014	CLIENT: Terracon, Inc. CONTACT: Tim Born INQUIRY#: 4279750.4 RESEARCH DATE: 04/30/2015

Historical Topographic Map



N	ADJOINING QUAD NAME: DOTHAN WEST MAP YEAR: 1981 PHOTOREVISED FROM :1969 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Twitchell Technical Products ADDRESS: 4031 Ross Clark Circle Dothan, AL 36303 LAT/LONG: 31.2554 / -85.4014	CLIENT: Terracon, Inc. CONTACT: Tim Born INQUIRY#: 4279750.4 RESEARCH DATE: 04/30/2015

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, AL 36303

Inquiry Number: 4279750.9
April 30, 2015

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography April 30, 2015

Target Property:

4031 Ross Clark Circle

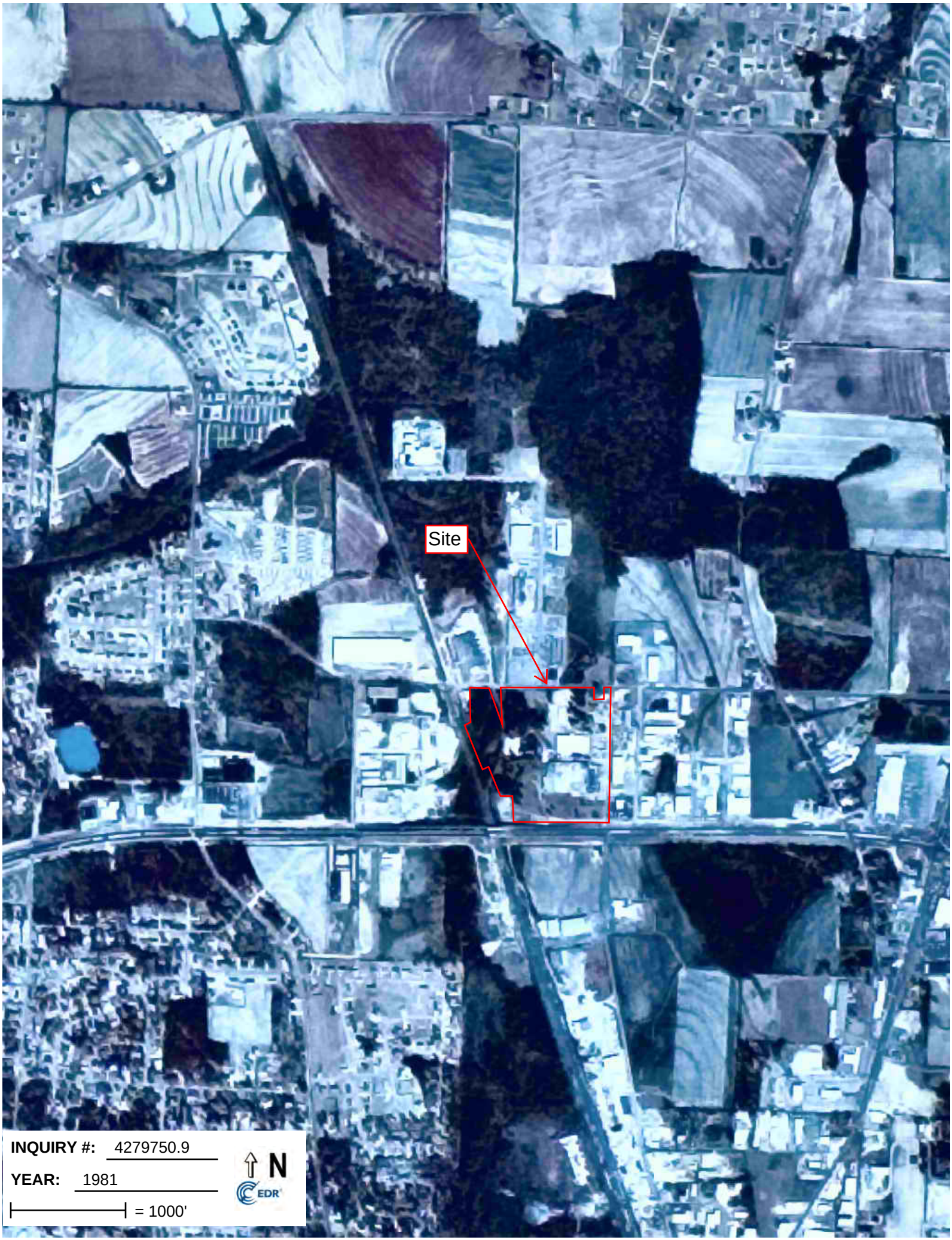
Dothan, AL 36303

Year	***Scale***	***Details***	***Source***
1948	Aerial Photograph. Scale: 1"=500'	Flight Date: March 14, 1948	USGS
1961	Aerial Photograph. Scale: 1"=500'	Flight Date: November 24, 1961	USGS
1979	Aerial Photograph. Scale: 1"=1000'	Flight Date: February 10, 1979	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Flight Date: February 20, 1981	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Flight Date: April 03, 1985	EDR
1992	Aerial Photograph. Scale: 1"=500'	Flight Date: January 21, 1992	USGS
1997	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: February 17, 1997	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP

Site
INQUIRY #: 4279750.9
YEAR: 1948
= 500'
N
EDR

Site
INQUIRY #: 4279750.9
YEAR: 1961
= 500'
N
EDR

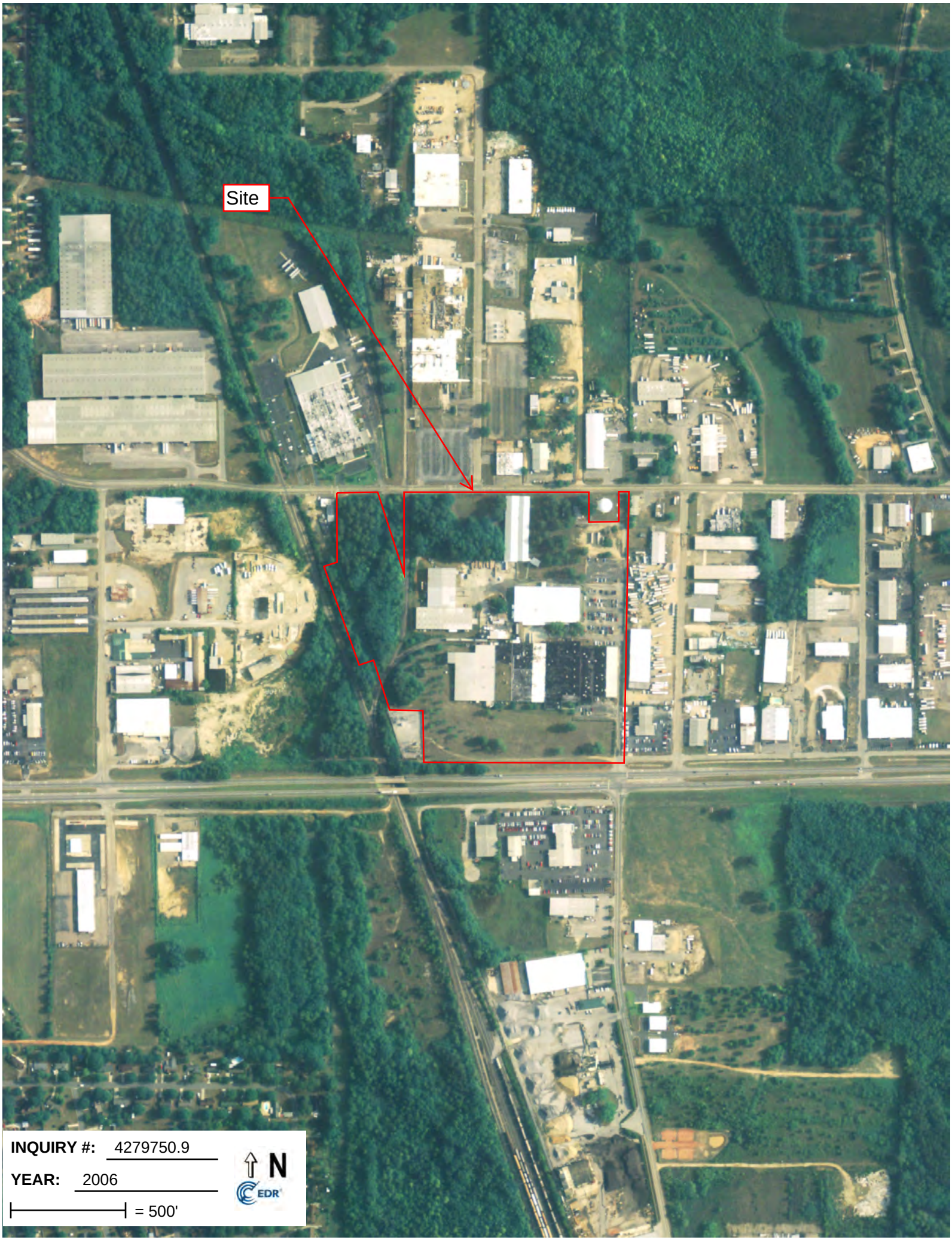
Site
INQUIRY #: 4279750.9
YEAR: 1979
= 1000'
N
EDR


Site
INQUIRY #: 4279750.9
YEAR: 1981
= 1000'
N
EDR

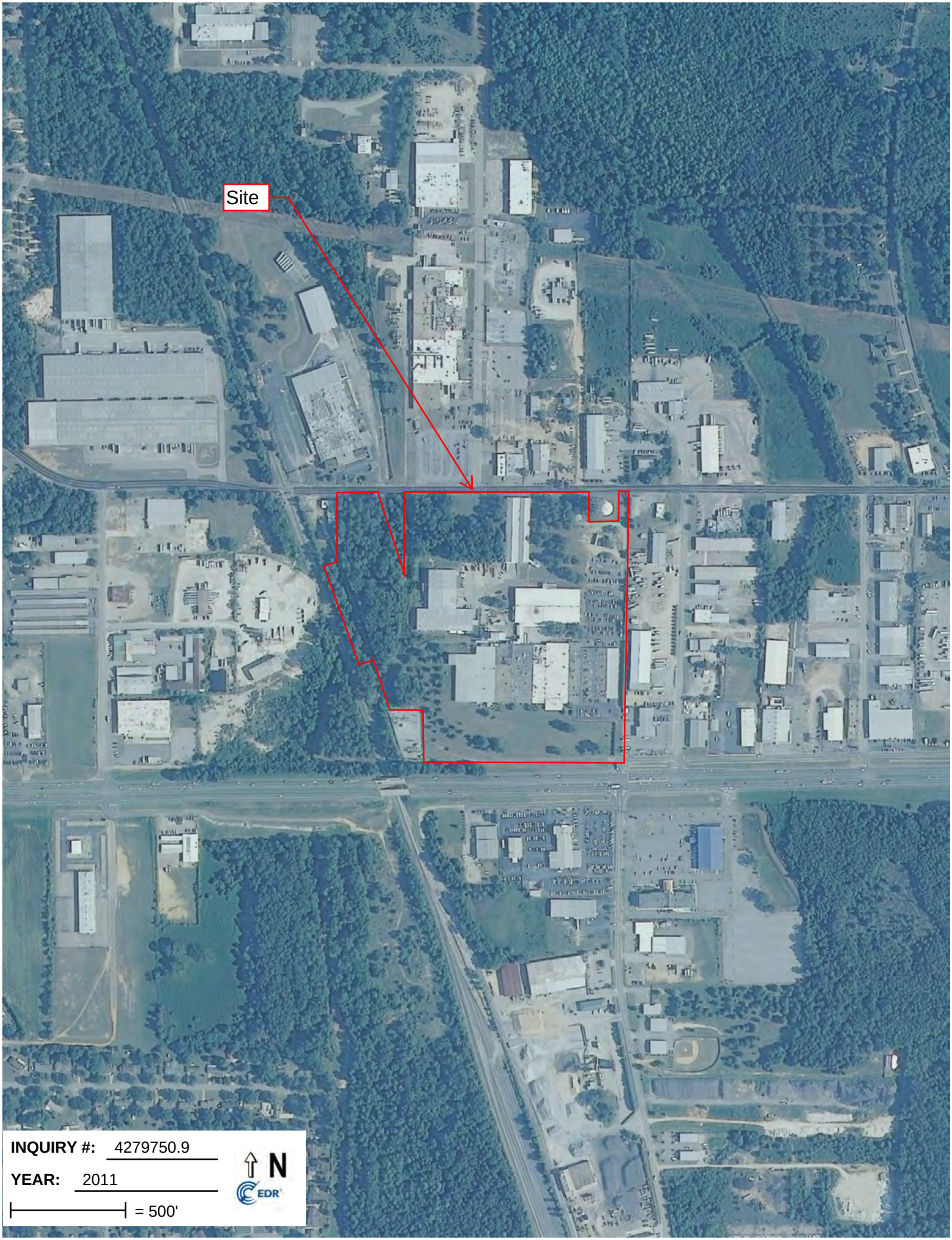
Site
INQUIRY #: 4279750.9
YEAR: 1985
= 1000'
N
EDR

Site
INQUIRY #: 4279750.9
YEAR: 1992
= 500'
N
EDR

Site
INQUIRY #: 4279750.9
YEAR: 1997
= 500'
N
EDR


Site
INQUIRY #: 4279750.9
YEAR: 2006
= 500'
N
EDR

Site
INQUIRY #: 4279750.9
YEAR: 2009
= 500'
N
EDR


Site
INQUIRY #: 4279750.9
YEAR: 2011
= 500'
N
EDR

11/12/90

The remaining storage tank (5000 gal fuel oil tank) was opened up on 11/8/90 and found to contain a very small ammount of Diesel Fuel. This residue was pumped out on 11/8/90 by Roto-Rooter and the tank was filled with sand on 11/9/90 by Couch Concrete Inc. The tank was then reclosed and sealed in with Concrete.

Tim Silvone
11/12/90

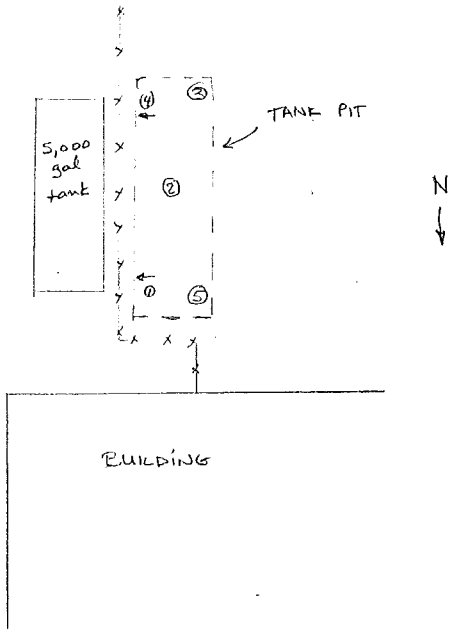
Witnessed by:

42-182 100 SHEETS
Made in U.S.A.
NATIONAL

10-9-89

10,000 gallon storage tank by parts cage area floated to the top of the ground on October 1, 1989 during heavy rains. The tank was subsequently moved on October 4, 1989 by Holland Crane Service. Soil samples were taken from the excavation pit after the tank was removed. Samples were taken from the base of the pit where Petroleum products should be present if any leaking had ocurred.

NOTE: #4 & #1 sample taken from pit base with pipe driven towards OTHER TANK.



Samples were taken by Tim Gilmore, Plant Engineer and delivered to Lynn Buntin of Pdy environmental for a SOIL TEST FOR PETROLEUM HYDROCARBON CONTENT.

42-182 100 SHEETS
Made in U.S.A.
NATIONAL

Pioneer
LABORATORY, INC.
11 EAST OLIVE ROAD PENSACOLA, FLORIDA 32514
PHONE (904) 474-1001

Client: POLYENGINEERING INC
16012 P.O. BOX 837

DOTHAN AL 36302-0000

Lab I.D.#: 89-4079
Order Number: P23815
Order Date: 10/11/89
Sampled By: CLIENT
Sample Date: N/S
Sample Time: N/S

Project Number: 89-4079
Project Name: TWITCHELL
Sample Site: N/S
Sample Type: SOIL

N/S = Not Submitted

Lab ID	Sample ID	Parameter	Units	Results	Detection Limit
89-4079-1	#1	PETROLEUM HYDROCARBONS	PPM	14	1
89-4079-2	#2	PETROLEUM HYDROCARBONS	PPM	11	1
89-4079-3	#3	PETROLEUM HYDROCARBONS	PPM	19	1
89-4079-4	#4	PETROLEUM HYDROCARBONS	PPM	33	1
89-4079-5	#5	PETROLEUM HYDROCARBONS	PPM	15	1

Comments: PPM = Parts Per Million, mg/kg on a dry basis.
Method Ref: EPA 600/4-79-020, March 1983.

Approved By : John V Hawkins

end of report

Pioneer
LABORATORY, INC.
11 EAST OLIVE ROAD PENSACOLA, FLORIDA 32514
PHONE (904) 474-1001

QUALITY CONTROL

DATA

Pioneer
LABORATORY, INC.
11 EAST OLIVE ROAD PHONE (904) 474-1001
PENSACOLA, FLORIDA 32514

POLYENGINEERING INC.
P. O. BOX 837
DOTHAN, ALABAMA 36302-0000

PROJECT: 89-4079

QC LEVEL I

LAB ID: 89-4079 BATCH: B124

LAB ID	CLIENT ID	EXTRACTION DATE	ANALYSIS DATE
89-4079-1	#1	10-16-89	10-16-89
89-4079-2	#2	10-16-89	10-16-89
89-4079-3	#3	10-16-89	10-16-89
89-4079-4	#4	10-16-89	10-16-89
89-4079-5	#5	10-16-89	10-16-89
SPIKE		10-13-89	10-13-89
SPIKE DUP.		10-13-89	10-13-89
DI BLANK		10-16-89	10-16-89

PARAMETER	METHOD	DETECTION LIMIT	BLANK	SPIKE RESULTS	SPIKE DUPLICATE RESULTS	EXPECTED SPIKE	%REC SPIKE	%REC SPIKE DUP.	% REC. CONTROL LIMITS	RPD	MAX RPD
TOTAL PETROLEUM HYDROCARBONS	418.1	1	BDL	11.4	11.0	7.7	148	143	65-150	4	20

NOTES: PPM = Parts Per Million, mg/l.
BDL = Below Detection Limit
Results reported are blank corrected.
Source for control limits is internal laboratory quality assurance program and reference below.

REFERENCE: EPA 600/4-79-020, Revised March 1983.

Pioneer LABORATORY, INC.

1 EAST OLIVE ROAD PENSACOLA, FLORIDA 32514
PHONE (904) 474-1001 • FAX 478-2671

CHAIN OF CUSTODY

Client: Polyenginvering
Address: Box 837
City/State/Zip: Dothan Al 36303
Phone No. (205) 793-4200
Contact: Lyn Buxton
P.O. #:

Laboratory I.D.: 89-40079 Date: 10/1/89
Method of Shipment: UPS
Sampler: Client
Project #:
Project Name: Twitchell
Project Location:

SAMPLE TYPE

DW DRINKING WATER
WW WASTE WATER
GW GROUND WATER
SW SURFACE WATER
SO SOIL
OL OIL
AR AIR
SL SLUDGE
HZ HAZARDOUS
OT OTHER

SAMPLE SITE	FIELD I.D.		Date	Time	# Btls.	PARAMETERS: TPH							Lab Use Only
	#1												1
	#2												2
	#3												3
	#4												4
	#5												5

	Date	Time		Date	Time
RELINQUISHED BY L. Buxton	10/10	4:15	RECEIVED BY Pony Clafin / Pioneer Lab	10/1	10
RELINQUISHED BY			RECEIVED BY		
RELINQUISHED BY			RECEIVED BY		
RELINQUISHED BY			RECEIVED BY		

Comments:

Pioneer
LABORATORY, INC.
11 EAST OLIVE ROAD PENSACOLA, FLORIDA 32514
PHONE (904) 474-1001

SAMPLE INSPECTION AND IDENTIFICATION SHEET

Client: Polyengineering
Method of Shipment UPS
Bill of Lading/Air Bill #
Date Received: 10/11/89
Sample Type: SOIL

Pioneer Lab I.D.# 89-11079

Sample 1	#1	11		21	
2	#2	12		22	
3	#3	13		23	
4	#4	14		24	
5	#5	15		25	
6		16		26	
7		17		27	
8		18		28	
9		19		29	
10		20		30	

s there a chain of custody?	(Y)	N
s it a Pioneer Lab chain of ustody?	(Y)	N
s the chain of custody signed?	(Y)	N
s chain of custody complete?	(Y)	N
re sample tags present?	(Y)	N
o sample tags and chain of ustody agree?	(Y)	N
ere samples received cold?	(Y)	N
ere any containers broken or eaking?	Y	(N)
ere samples received within olding time?	(Y)	N
re all samples preserved rrectly?	(Y)	N

Extra Information From Bottles

Project Number:
Sampled By:
Sample Site:
Sample Date:
Sample Time:
Sample Type:

Special Instructions

Special turnaround time? 10/18
Bottle Order? (Y) (N)
Q.C. Level (1) 2 3 4 N
Purchase Order #:
Task Order #

- - - - - LIMIT OF LIABILITY - - - - -

PLI WILL PERFORM THE SERVICES IN ACCORDANCE WITH NORMAL PROFESSIONAL STANDARDS FOR THE INDUSTRY. THE TOTAL LIABILITY OF PLI, ITS OFFICERS, AGENTS, EMPLOYEES OR SUCCESSORS, TO CLIENTS, ARISING OUT OF OR IN CONNECTION WITH THE SERVICES TO BE PROVIDED HEREIN, SHALL NOT EXCEED THE INVOICE AMOUNT FOR SAID SERVICES. CLIENT ACCEPTANCE OF A PROPOSAL RELEASES PLI FROM ANY LIABILITY IN EXCESS THEREOF, NOT WITHSTANDING ANY PROVISION TO THE CONTRARY IN ANY CLIENT PURCHASE ORDER OR CONTRACT.

ENT NOTIFIED YES ( ) NO (✓)
E/TIME:

ES:

INSPECTED BY: Patricia M. Pioneer
DATE INSPECTED: 10/11/89

TIFICATION NUMBERS:

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☐ YES ☐ NO

☐ **Hazardous X Non-Hazardous** ☐ **TSCA**

Profile Number: WMI

Renewal Date

A. Waste Generator Information

1.	Generator Name:	Twitchell Corporation	2.	SIC Code	2295
3.	Facility Street Address:	4031 Ross Clark Circle NW	4.	Phone	(334) 792-0002
5.	Facility City:	Dothan	6.	State/Province:	Al
7.	Zip/Postal Code:	36304	8.	Generator USEPA/FED ID #:	ALD983172297
9.	County:	Houston	10.	State/Province ID#:	AL
11	Customer Name:	Twitchell Corporation	12.	Customer Phone::	(334) 792-0002
13.	Customer Contact:	Chuck Bennett	14.	Customer Fax:	334-673-4120
15.	Billing Address				X Same as above

B. Waste Stream Information

1. DESCRIPTION

a. Name of Waste: Sludge/soil excavated from storm drain area

b. Processing Generating Waste: Storm drain is located down-gradient of off-loading area for truck/railcar deliveries of process raw materials

c. Color	d. Strong odor (describe)	e. Physical state @ 70°F	f. Layers	g. Free liquid range
Dark gray to brown	N/A	Solid ☐ Liquid ☐ Gas X Sludge ☐ Other	X Single Layer ☐ Multi-Layer	1% to 2% h. PH: Range 6.0% to 8.0%

i. Liquid Flash Point: ☐ <73°F ☐73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F X Not Applicable

j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis):.

Constituents	Concentration Range	Constituents	Concentration Range
Barium/metals	<0.001%		
Soil/water	99.999%		
See TCLP analysis attached			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive
☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive

l. Does the waste represented by this profile contain any of the carcinogens which require OSHA Notification? (list in Section B.1.)..... ☐ YES X NO

m. Does the waste represented by this profile contain dioxins? (list in B.1.j)..... ☐ YES X NO

n. Does the waste represented by this profile contain asbestos?..... ☐ YES X NO
If yes..... ☐ friable ☐ non-friable

o. Does the waste represented by this profile contain benzene..... ☐ YES X NO
If yes, concentration ppm
Is the waste subject to benzene waste operations NESHAP?..... ☐ YES ☐ NO

p. Is the waste subject to RCRA Subpart CC controls..... ☐ YES X NO
If yes, volatile organic concentration ppmw

q. Does the waste contain any Class I or Class II ozone-depleting substance?..... ☐ YES X NO

r. Does the waste contain debris? (list in Section B.1.j)..... ☐ YES X NO

2. Quantity of Waste

Estimated Annual Volume **80** ☐ Tons X Yards ☐ Drums ☐ Other (specify)

3. Shipping Information

a. Packaging:
X Bulk Solid; Type/Size: 20 yard roll-off containers ☐ Bulk Liquid, Type/Size
☐ Drum; Type/Size: ☐ Other:

b. Shipping Frequency: Units 4-5 Per: ☐ Month ☐ Quarter ☐ Year X One Time ☐ Other

c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e and f)..... ☐ YES **X** NO

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

d. Reportable Quantity (lbs.; kgs.): _____ e. Hazard Class/ID#: _____

f. USDOT Shipping Name: _____

g. Personal Protective Equipment Requirements: **Prevent skin contact with disposable PPE**

h. Transporter/Transfer Station: **Waste Management**

C. Generator's Certification (Please check appropriate responses, sign, and date below.)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2..... ☐ YES X NO
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U) _____
   b. If a characteristic hazardous waste, do underlying hazardous constituents B.1.j) (UHCs) apply? (if yes, list in Section..... ☐ YES ☐ NO
   c. Does this waste contain debris? (if yes, list size and type in Chemical Composition- B.1.)..... ☐ YES ☐ NO

2. Is this a state hazardous waste?..... ☐ YES X NO
   Identify **ALL** state hazardous waste codes _____

3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up?..... ☐ YES X NO
   If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.

4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission?..... ☐ YES X NO

5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition - B.1.j)..... ☐ YES X NO
   a. If yes, were the PCBs imported into the U.S.?..... ☐ YES ☐ NO

6. Do the waste profile sheet and all the attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor?..... X YES ☐ NO

7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor?..... X YES NO

X Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: _____ Title: **Maintenance Manager**

Name (Type or Print) **Chuck Bennett** Company Name **Twitchell Corporation** Date: _____

X Check if additional information is attached. Indicate the number of attached pages. 5

D. WMI Management's Decision — FOR WMI USE ONLY

1. Management Method ☐ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration ☐ Hazardous Stabilization ☐ Other (Specify) _____
2. Proposed Ultimate Management Facility: _____
3. Precautions, Special Handling Procedures, or Limitation on Approval _____

4. Waste Form: _____ 5. Source _____ 6. System Type _____

Special Waste Decision..... ☐ Approved ☐ Disapproved

Salesperson's Signature: _____ Date: _____

Division Approval Signature (Optional): _____ Date: _____

Special Waste Approvals Person Signature Date:

"Keith Carter"
<KCarter@aetllc.com>
05/06/2004 11:49 AM

To: <genaw@twitchellcorp.com>
cc:
Subject: Sludge sampling

Gena,
We have put together a price of $750.00 to sample the sludge/soil in the drainage ditch that runs along the railroad spur. We intend to take a total of 4 samples in two different locations. Each location will have a surface (0-6") sample collected and then a lower sample (12"-18") collected to determine the extent of contamination, if any. We will have it analyzed for Total Metals (EPA Method SW6010) to include arsenic, cadmium, lead, chromium, silver, barium, and selenium. These are typically called the RCRA 8 metals (minus mercury). Our price also includes a completion report as to the findings and proposed disposal methods. We expect sample results by next Friday (4-14-04).
We want to collect enough sample media to have the laboratory hold the samples until the results are produced so that we can have TCLP samples analyzed if necessary. This will only be done if the Totals analyses are extremely high and we need to confirm. Our cost does not include the TCLP price which is approximately $150.00 per sample if necessary. I do not anticipate that this will be necessary but thought you should be aware of the possibility. Please confirm that you accept this cost and I or Allen will collect the samples today for overnight delivery to the lab tomorrow. Please call if you have any questions.

Thanks,

Keith R. Carter
EHS Manager, AET LLC
170 Belmont Drive, Ste 2
Dothan, Alabama 36305
334-677-7717 office / 334-791-5003 mobile
334-677-7995 fax

"Keith Carter"
<KCarter@aetllc.com>
05/14/2004 06:27 AM

To: <genaw@twitchellcorp.com>
cc:
Subject: Soil/sludge results

Gena,
Allen and I will be in Albany most of the day today. It is obvious by the results (that Allen sent yesterday) that there is arsenic, barium, chromium, lead, and cadmium in some amount in all 4 samples. Keep in mind that the results are in mg/kg (ppm) and that we had "totals" run on the metals, not TCLP which is the indicator if disposal will be as hazardous waste. We listed the "generic metals background concentration" for now because I failed to collect a background sample from that area (I know better than that but flat out forgot when I was getting the sample kit together). It did not dawn on me until the results came in yesterday. What that means is that I will probably be by early next week to get a 5th sample to send to the lab. This will be a critical sample, not for disposal of excavated sludge/soil disposal as hazardous or non-hazardous waste, but for future reference to ADEM if this becomes a big deal and some type of release reporting is triggered or groundwater has been impacted. The barium doesn't look like it will be a problem but the others are high enough that a TCLP analysis may be requested on SS1A to see if those limits listed in the chart have been exceeded. We will be in touch later to see what your thoughts are.

Sincerely,

Keith R. Carter
EHS Manager, AET LLC
170 Belmont Drive, Ste 2
Dothan, Alabama 36305
334-677-7717 office / 334-791-5003 mobile
334-677-7995 fax

Twitchell Corporation
Storm Drain beside Railroad Spur
Dothan, Alabama
AET Project Number 23067.00

Total Metals (EPA Method 6010)

Analytical Results for Soil Sampling

					Soil Analytical Results (mg/kg)			
Constituent	Date Sampled	TCLP[1] Regulatory Limit (mg/l)	Generic Metals Background Concentrations in Soils[2] (mg/kg)		**SS1A (0-6")** Upper end of storm drain	**SS1B (14"-20")** Upper end of storm drain	**SS2A (0-6")** Lower end of storm drain	**SS2B (12"-18")** Lower end of storm drain
			Range	Mean				
Arsenic	5/6/04	5.0	0.4-31.0	7.3	8.32	2.36	4.92	2.72
Barium	5/6/04	100.0	70-1000	555	112	70.1	52.7	46.2
Cadmium	5/6/04	1.0	--	--	8.03	4.10	12.5	2.12
Chromium	5/6/04	5.0	10-100	55	25.6	14.3	24.4	15.1
Lead	5/6/04	5.0	<10-50	20	69.9	36.1	50.9	11.4
Selenium	5/6/04	1.0	--	--	ND	ND	ND	ND
Silver	5/6/04	5.0	--	--	ND	ND	ND	ND

Notes:

1) TCLP Regulatory Limit – *40 CFR 261.24 Toxicity characteristic, Table 1*

2) Source for generic background metals concentrations in light loamy soils – "*Kabata-Pendias, Alina, Henryk Pendias, "Trace Elements in Soils and Plants", 1985, CRC Press, Inc.*"

United States Department of Agriculture

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

Houston County, Alabama

May 7, 2015

Preface

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 (http://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).

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.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means

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How Soil Surveys Are Made

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 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 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

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: 1:3,220 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 45 90 180 270

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

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.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
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: Houston County, Alabama
Survey Area Data: Version 7, Sep 19, 2014

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

Date(s) aerial images were photographed: Apr 6, 2010—Sep 5, 2010

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

Houston County, Alabama (AL069)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
UbA	Urban land-Bibb-Kinston complex, 0 to 2 percent slopes, frequently flooded	2.3	6.6%
UdB	Urban land-Dothan complex, 0 to 5 percent slopes	32.0	93.4%
Totals for Area of Interest		**34.3**	**100.0%**

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 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.

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.

Houston County, Alabama

UbA—Urban land-Bibb-Kinston complex, 0 to 2 percent slopes, frequently flooded

Map Unit Setting

National map unit symbol: q16r
Elevation: 120 to 360 feet
Mean annual precipitation: 48 to 56 inches
Mean annual air temperature: 53 to 77 degrees F
Frost-free period: 240 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 50 percent
Bibb and similar soils: 30 percent
Kinston and similar soils: 15 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bibb

Setting

Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Talf
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Stratified sandy and silty alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 37 inches: sandy loam
H2 - 37 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly 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 6 to 12 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: Moderate (about 9.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: B/D

Description of Kinston

Setting

Landform: Flood plains
Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Talf
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Loamy alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 12 inches: loam
H2 - 12 to 60 inches: clay loam
H3 - 60 to 65 inches: loamy sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly 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 0 to 12 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: High (about 9.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: B/D

Minor Components

Plummer

Percent of map unit: 2 percent
Landform: Flats
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Linear

UdB—Urban land-Dothan complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: p7sg
Elevation: 160 to 360 feet
Mean annual precipitation: 48 to 56 inches
Mean annual air temperature: 53 to 77 degrees F
Frost-free period: 240 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 50 percent
Dothan and similar soils: 40 percent

Minor components: 7 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Dothan

Setting

Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Unconsolidated, medium to fine-textured marine deposits derived from sedimentary rock

Typical profile

H1 - 0 to 6 inches: loamy sand
H2 - 6 to 33 inches: sandy clay loam
H3 - 33 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 36 to 60 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C

Minor Components

Fuquay

Percent of map unit: 7 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Linear

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ASTM E 1527-13 USER QUESTIONNAIRE

Proposal No: PEA150048

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2002 (the "Brownfields Amendments"), the user must respond to the following questions. Failure to provide this information to the environmental professional may result in significant data gaps, which may limit our ability to identify recognized environmental conditions resulting in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of their actual knowledge.

Site Name: Twitchell Technical Products Address: 4031 Ross Clark Circle, Dothan, AL 36503

1) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.25)? ✓ No ___ Yes If yes, please explain.

2) Did a search of recorded land title records (or judicial records where appropriate) identify any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.26)? ✓ No ___ Yes If yes, please explain.

3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? ✓ No ___ Yes If yes, please explain.

4) Does the purchase price being paid for this site reasonably reflect the fair market value of the site (40 CFR 312.29)? ___ No ✓ Yes

If no, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site (40 CFR 312.29)? ___ No ___ Yes If yes, please explain.

5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? ___ No ✓ Yes If yes, please explain. Phase I previously done in 2011 (provided)

6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of contamination at the site (40 CFR 312.31)? ✓ No ___ Yes If yes, please explain.

Please return this form with the signed and completed Agreement for Services.

Request for Information and Documentation

In addition to the specific questions outlined above, the user is requested to provide the following information and documentation, as available. ASTM requires that this information, if available, be provided to the environmental professional prior to the site visit.

Item Supplied "X"	Not Applicable, Not Available or Not Known "X"	Item Requested (See Proposal)	Contacts/Comments or Indicate Attachment
	to be provided	Point of Contact for Access	Name/Phone:
X		Current Site Owner	Name/Phone:
X		Current Facility Operator	Name/Phone:
	X	Contacts for Prior Owners	Name/Phone:
	X	Contacts for Prior Occupants	Name/Phone:
X		Access Restrictions	Contact only above contact
X		Notification of Special Requirements Regarding Confidentiality	contact only above contact. Transaction is confidential
X		Legal Description and Diagram / Survey of Site	
X		Chain of Title with Grantor/Grantee Summary (back to 1940 or first developed use)	
X		Reasons for Conducting ESA	financing, business purchase

Please return this form with the signed and completed Agreement for Services.

ASTM E 1527-13 USER QUESTIONNAIRE
Page 3 of 3
Proposal No: PEA150048

Helpful Documents Checklist

Pursuant to ASTM E 1527-13 § 10.8, do you know whether any of the following documents exist related to the subject property and, if so, whether copies can and will be provided to the environmental professional? Check all that apply.

- [x] Environmental site assessment reports
- [ ] Environmental compliance audit reports
- [ ] Geotechnical studies
- [ ] Reports regarding hydrogeologic conditions on the property or surrounding area
- [ ] Registrations for above or underground storage tanks
- [ ] Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- [ ] Registrations for underground injection systems
- [ ] Environmental permits/plans, solid waste permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, SPCC plans

Christopher McKenzie
Name (Authorized Client Representative)

General Counsel
Title

Signature

4/28/15
Date

Please return this form with the signed and completed Agreement for Services.

LANDUSE QUESTIONNAIRE

SITE NAME: __Twitchell Technical Products LLC._____

SITE ADDRESS: __4031 Ross Clark Circle, Dothan, AL 36303___

1. Who is the current owner and what is your relationship to the property? How long have you been associated with the property?

Currently the property is owned by Twitchell. This has been the case since Twitchell moved on site in 1956.

2. Can you give me some information on previous landuses and/or previous owners or tenants?

According to a survey in 1948 the land was used as agricultural land prior to Twitchell.

3. Are there any long-standing tenants/employees?

No

4. When was the existing facility built?

The main building was constructed in the mid 1950's with expansions/additions in the 1980's and 1990's.

5. Has this or any adjoining property ever been used for industrial or manufacturing purposes?

According to a previous environmental report dated August 2011, Couch Truck Office and Shop Storage (1020 Twitchell Road) had two releases noted in 1993. These releases are identified as "Clean Up Complete". The Couch operation is located on the opposite side of a 4 lane highway, and about ¼ mile from Twitchell property.
There is a Tony's Service Center located at 4038 Ross Clark Circle and a Covan World-Wide Moving Incorporated is located at 109 Loftin Road, directly beside Twitchell.

6. Have any or are any of the following kept at the site?

- Pesticides? No
- Auto batteries? Forklift batteries
- Paints? Yes
- Other chemicals? Yes
- Industrial drums? Yes

- Sacks of materials? Yes

7. Do you know of any of the following (current or historic) at or on properties adjoining the site?

- Fill dirt? No
- Pits or ponds? No
- Stained soil? No
- Unusual odors? No
- Underground or above-ground storage tanks? Yes historic
- Chemical storage? Yes
- Pipes of unknown type? No
- Septic tanks and/or drainfields? No
- Cattle dipping vats? No

8. Have you ever heard of or seen any of the following at the site?
- Stained floors? No
- Stained walls? No
- Stained ceilings? No
- Drains with foul odors? No

9. Who provides water & sewer utilities?

The City of Dothan

10. Who collects the garbage?

Mark Dunning Industries

11. Do you know of any on-site or nearby environmental investigations? Please describe.

Twitchell's last Phase I Environmental Assessment was dated August 4, 2011.

12. Do you know of any environmental liens or notifications on the site or any adjoining properties?

No, other than the previous mentioned spill with Couch Truck Office and Shop Storage (1020 Twitchell Road).

13. Are you aware of any suits against the site that regards hazardous substances?

No

14. Where does storm water runoff go?

Two discharge points are covered by Twitchell's Stormwater permit ALG24-004.

15. Do you know of any chemicals, trash, or debris that has ever been buried anywhere on the site?

No

16. Are there electric transformers on the property? Who provides electrical utilities?

Yes. The City of Dothan provides the electrical utilities and owns the transformers.

17. Does the building have a centralized air conditioning and heating unit?

Yes the company has 12 circuits with 50 or more pounds of regulated refrigerant.

18. Has there ever been a fire on the property or adjacent?

No

19. Were there any historic practices or landuses on-site or directly adjacent to the site that may have impacted the environmental quality of the subject property?

No

20. Are there any other obvious potential environmental concerns on-site or directly adjacent to the site?

No

NAME: __Tim Gilmore_____ DATE: __4/5/15_____

SIGNATURE: _____ PHONE: _(334) 714-7006_

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

Twitchell Technical Products
4031 Ross Clark Circle
Dothan, AL 36303

Inquiry Number: 4279750.2s
May 07, 2015

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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The EDR FieldCheck®System enables EDR's customers to make certain online modifications to the maps and text contained in EDR Radius Map Reports. As a result, the maps and text contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. The EDR FieldCheck System accesses user-modified records from previously submitted reports. Any user-modified record from a previous report that is plotted outside the search radius of this report may not be included in this report.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). TERRACON, INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by TERRACON, INC.. 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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4031 ROSS CLARK CIRCLE
DOTHAN, AL 36303

COORDINATES

Latitude (North):	31.2554000 - 31˚ 15' 19.44''
Longitude (West):	85.4014000 - 85˚ 24' 5.04''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	652216.2
UTM Y (Meters):	3458824.2
Elevation:	322 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	31085-C4 MIDLAND CITY, AL
Most Recent Revision:	1981
South Map:	31085-B4 DOTHAN WEST, AL
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20110825
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4031 ROSS CLARK CIRCLE
DOTHAN, AL 36303

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LUDLOW COATED PRODUC	4031 ROSS CLARK CIRC	RCRA NonGen / NLR	Higher	1 ft.
A2	TWITCHELL TECHNICAL	4031 ROSS CLARK CIRC	RCRA-CESQG, FINDS, US AIRS	Higher	1 ft.
3	ANSELL INC	1500 INDUSTRIAL RD	LUST, HIST UST, AST, Financial Assurance	Lower	123, 0.023, NW
B4	A&D AUTOMOTIVE INC D	4074 ROSS CLARK CIRC	RCRA NonGen / NLR, FINDS	Higher	157, 0.030, SSE
C5	DUNBARTON CORP	868 MURRAY RD	AST	Lower	194, 0.037, NW
C6	DUNBARTON CORPORATIO	868 MURRAY ROAD	RCRA NonGen / NLR, FINDS	Lower	227, 0.043, NW
7	COLEMAN AMERICAN MOV	109 LOFTIN ROAD	HIST UST, Financial Assurance	Higher	235, 0.045, East
D8	KENNETH WHATLEY	704 MURRAY RD	HIST UST, Financial Assurance	Higher	313, 0.059, NE
B9	DOTHAN SHOP	1020 TWITCHELL RD	LUST, LAST, AST, Financial Assurance	Higher	326, 0.062, SSE
D10		704 MURRAY RD	EDR US Hist Auto Stat	Higher	339, 0.064, NE
11	GULF COAST TRUCK & E	736 TWITCHELL ROAD	RCRA NonGen / NLR	Higher	513, 0.097, SSE
E12	CONCRETE INC	RODGERS PO BOX 1112	LUST, HIST UST, Financial Assurance	Lower	546, 0.103, West
E13	CON-WAY FREIGHT - ND	608 ROGERS ROAD	RCRA-SQG	Lower	586, 0.111, West
E14	INDUSTRIAL CHEMICALS	609 ROGERS ROAD	RCRA-SQG	Lower	590, 0.112, West
E15	LAFARGE BUILDING MAT	611 ROGERS ROAD	RCRA NonGen / NLR	Lower	600, 0.114, West
E16	DOTHAN CONCRETE PLAN	611 ROGERS ROAD	AST	Lower	600, 0.114, West
17	UNIGLOBE KISCO INC C	980 MURRAY ROAD	RCRA NonGen / NLR	Higher	674, 0.128, WNW
18	MCDOWELL ISUZU SUBAR	4123 ROSS CLARK CIR	RCRA NonGen / NLR, FINDS	Lower	713, 0.135, ESE
19	ANSELL HEALTHCARE	1635 INDUSTRIAL ROAD	RCRA NonGen / NLR	Lower	804, 0.152, North
F20		660 TWITCHELL RD	EDR US Hist Auto Stat	Higher	947, 0.179, SSE
21	ANSLEY BLDG SUPPLY F	114 ZENITH RD	HIST UST, Financial Assurance	Higher	1036, 0.196, West
F22	DOTHAN ASPHALT PLANT	595 TWITCHELL ROAD	AST	Higher	1039, 0.197, SSE
23	CARQUEST #8328	4145 ROSS CLARK CIRC	RCRA-CESQG	Lower	1087, 0.206, ESE
24	SEARS ROEBUCK AND CO	108 ZENITH ROAD	RCRA NonGen / NLR, FINDS	Higher	1130, 0.214, WSW
25	SEARS WAREHOUSE	3903 ROSS CLARK CR	LUST, HIST UST, Financial Assurance	Higher	1213, 0.230, WSW
26		585 MURRAY RD	EDR US Hist Auto Stat	Lower	1297, 0.246, ENE
G27	LILLY INDUST. COATIN	1771 (WAS 2305) INDU	LUST	Lower	1565, 0.296, North
G28	LILLY INDUSTRIAL COA	2305 INDUSTRIAL RD	CERCLIS, RCRA NonGen / NLR, FINDS, HIST UST,...	Lower	1737, 0.329, North
29	PANTRY #3643 COWBOYS	4196 ROSS CLARK CIRC	LUST, UST, HIST UST, Financial Assurance	Higher	2306, 0.437, ESE
30	CITGO FOOD MART 115	2214 DENTON RD	LUST, UST, Financial Assurance	Lower	2418, 0.458, West
31	COUCH,DOTHAN TRUCK O	381 TWITCHELL RD (WA	LUST	Higher	2544, 0.482, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS ..... Hazardous Substance Cleanup Fund

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Permitted Landfills

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ..... Underground Storage Tank Information
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Site Listing
INST CONTROL ..... Land Division Brownfields 128(a) Program Site Listing
AUL ..... Environmental Covenants

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing
VCP ..... Cleanup Program Inventory

State and tribal Brownfields sites

BROWNFIELDS ..... Land Division Brownfields 128(a) Program Site Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
SWRCY ..... Recycling/Recovered Materials Processors Directory
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
AOCONCERN ..... Area of Concern
CDL ..... Clandestine Methamphetamine Lab Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Emergency Response Data

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
NPDES	NPDES Permit Listing
UIC	UIC Listing
DRYCLEANERS	Drycleaner Facility Listing
TIER 2	Tier 2 Data Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
LEAD SMELTERS	Lead Smelter Sites
COAL ASH	Coal Ash Disposal Sites
US FIN ASSUR	Financial Assurance Information
US AIRS	Aerometric Information Retrieval System Facility Subsystem
COAL ASH DOE	Steam-Electric Plant Operation Data
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

EXECUTIVE SUMMARY

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

An online review and analysis by TERRACON, INC. of the CERCLIS list,
as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site
within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LILLY INDUSTRIAL COA	***2305 INDUSTRIAL RD***	***N 1/4 - 1/2 (0.329 mi.)***	***G28***	***106***

Federal RCRA generators list

RCRA-SQG: 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.

An online review and analysis by TERRACON, INC. of the RCRA-SQG list,
as provided by EDR, and dated 12/09/2014 has revealed that there are 2 RCRA-SQG sites
within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON-WAY FREIGHT - ND	608 ROGERS ROAD	W 0 - 1/8 (0.111 mi.)	E13	72
INDUSTRIAL CHEMICALS	609 ROGERS ROAD	W 0 - 1/8 (0.112 mi.)	E14	73

EXECUTIVE SUMMARY

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

An online review and analysis by TERRACON, INC. of the RCRA-CESQG list,
as provided by EDR, and dated 12/09/2014 has revealed that there are 2 RCRA-CESQG sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TWITCHELL TECHNICAL	***4031 ROSS CLARK CIRC***	***0 - 1/8 (0.000 mi.)***	***A2***	***9***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARQUEST #8328	4145 ROSS CLARK CIRC	ESE 1/8 - 1/4 (0.206 mi.)	23	92

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Management's Leaking Underground Storage Tank Listing.

An online review and analysis by TERRACON, INC. of the LUST list,
as provided by EDR, and dated 03/02/2015 has revealed that there are 8 LUST sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOTHAN SHOP Facility ID: 1885	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.062 mi.)***	***B9***	***60***
SEARS WAREHOUSE Facility ID: 15247	***3903 ROSS CLARK CR***	***WSW 1/8 - 1/4 (0.230 mi.)***	***25***	***102***
PANTRY #3643 COWBOYS Facility ID: 18670	***4196 ROSS CLARK CIRC***	***ESE 1/4 - 1/2 (0.437 mi.)***	***29***	***147***
COUCH,DOTHAN TRUCK O Facility ID: 1885	381 TWITCHELL RD (WA	SSE 1/4 - 1/2 (0.482 mi.)	31	168

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANSELL INC Facility ID: 4443	***1500 INDUSTRIAL RD***	***NW 0 - 1/8 (0.023 mi.)***	***3***	***23***
CONCRETE INC Facility ID: 2426	***RODGERS PO BOX 1112***	***W 0 - 1/8 (0.103 mi.)***	***E12***	***66***
LILLY INDUST. COATIN Facility ID: 10149	1771 (WAS 2305) INDU	N 1/4 - 1/2 (0.296 mi.)	G27	105
CITGO FOOD MART 115 Facility ID: 12234	***2214 DENTON RD***	***W 1/4 - 1/2 (0.458 mi.)***	***30***	***163***

EXECUTIVE SUMMARY

LAST: The Leaking Aboveground Storage Tanks database.

An online review and analysis by TERRACON, INC. of the LAST list,
as provided by EDR, and dated 03/02/2015 has revealed that there is 1 LAST site
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOTHAN SHOP Facility ID: 1885	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.062 mi.)***	***B9***	***60***

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Management's AST Data with Owner/Site/Tank Information database.

An online review and analysis by TERRACON, INC. of the AST list,
as provided by EDR, and dated 09/10/2014 has revealed that there are 5 AST sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOTHAN SHOP Facility Id: 10830 69 1885	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.062 mi.)***	***B9***	***60***
DOTHAN ASPHALT PLANT Facility Id: 10830 69 16980	595 TWITCHELL ROAD	SSE 1/8 - 1/4 (0.197 mi.)	F22	91

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANSELL INC Facility Id: 10276 69 4443	***1500 INDUSTRIAL RD***	***NW 0 - 1/8 (0.023 mi.)***	***3***	***23***
DUNBARTON CORP Facility Id: 11390 69 16691	868 MURRAY RD	NW 0 - 1/8 (0.037 mi.)	C5	36
DOTHAN CONCRETE PLAN Facility Id: 23810 69 18955	611 ROGERS ROAD	W 0 - 1/8 (0.114 mi.)	E16	80

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

Storage tank sites removed from the UST database are added to the HIST UST database.

An online review and analysis by TERRACON, INC. of the HIST UST list,
as provided by EDR, and dated 09/10/2014 has revealed that there are 6 HIST UST sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COLEMAN AMERICAN MOV Facility ID: 11164 69 4879	***109 LOFTIN ROAD***	***E 0 - 1/8 (0.045 mi.)***	***7***	***47***
KENNETH WHATLEY Facility ID: 15362 69 98	***704 MURRAY RD***	***NE 0 - 1/8 (0.059 mi.)***	***D8***	***52***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANSLEY BLDG SUPPLY F Facility ID: 14820 69 5755	***114 ZENITH RD***	***W 1/8 - 1/4 (0.196 mi.)***	***21***	***88***
SEARS WAREHOUSE Facility ID: 17271 69 15247	***3903 ROSS CLARK CR***	***WSW 1/8 - 1/4 (0.230 mi.)***	***25***	***102***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANSELL INC Facility ID: 10276 69 4443	***1500 INDUSTRIAL RD***	***NW 0 - 1/8 (0.023 mi.)***	***3***	***23***
CONCRETE INC Facility ID: 20449 69 2426	***RODGERS PO BOX 1112***	***W 0 - 1/8 (0.103 mi.)***	***E12***	***66***

Other Ascertainable Records

RCRA NonGen / NLR: 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.

An online review and analysis by TERRACON, INC. of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2014 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUDLOW COATED PRODUC	4031 ROSS CLARK CIRC	0 - 1/8 (0.000 mi.)	A1	8
A&D AUTOMOTIVE INC D	***4074 ROSS CLARK CIRC***	***SSE 0 - 1/8 (0.030 mi.)***	***B4***	***29***
GULF COAST TRUCK & E	736 TWITCHELL ROAD	SSE 0 - 1/8 (0.097 mi.)	11	65
UNIGLOBE KISCO INC C	980 MURRAY ROAD	WNW 1/8 - 1/4 (0.128 mi.)	17	80
SEARS ROEBUCK AND CO	***108 ZENITH ROAD***	***WSW 1/8 - 1/4 (0.214 mi.)***	***24***	***97***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUNBARTON CORPORATIO	***868 MURRAY ROAD***	***NW 0 - 1/8 (0.043 mi.)***	***C6***	***37***
LAFARGE BUILDING MAT	611 ROGERS ROAD	W 0 - 1/8 (0.114 mi.)	E15	78
MCDOWELL ISUZU SUBAR	***4123 ROSS CLARK CIR***	***ESE 1/8 - 1/4 (0.135 mi.)***	***18***	***82***
ANSELL HEALTHCARE	1635 INDUSTRIAL ROAD	N 1/8 - 1/4 (0.152 mi.)	19	84

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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.

An online review and analysis by TERRACON, INC. of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 3 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	704 MURRAY RD	NE 0 - 1/8 (0.064 mi.)	D10	64
Not reported	660 TWITCHELL RD	SSE 1/8 - 1/4 (0.179 mi.)	F20	88

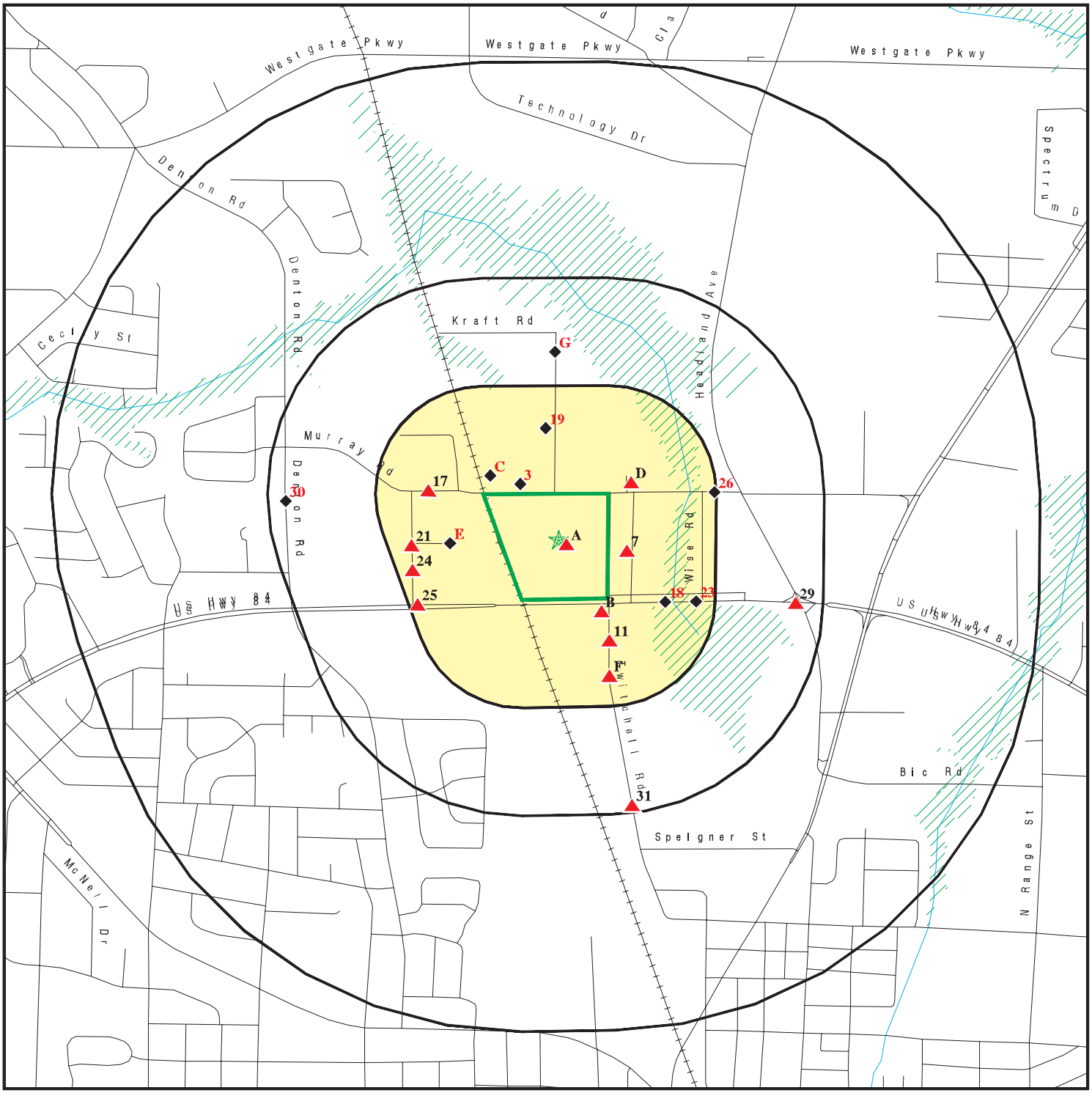
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	585 MURRAY RD	ENE 1/8 - 1/4 (0.246 mi.)	26	105

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 19 records.

Site Name	Database(s)
SPANISH ACRES MARTS INC	HIST UST, Financial Assurance
DHN RCAG	HIST UST, Financial Assurance
NEWSDEALER INC	HIST UST, Financial Assurance
ABANDONED SERVICE CENTER	HIST UST, Financial Assurance
FUEL 24 #1	HIST UST
BULLOCK COUNTY RD. 47 DRUMS	SHWS
CHARLES MANUFACTURING CO	CERC-NFRAP, RCRA NonGen / NLR
FLAV O RICH INC	LUST
CHAPMAN HOMES	LUST
WILLIFORD PROPERTY (& SEE MEGGS BP	LUST
SUNSH JR (EZ SERVE) #4399	LUST
CSX TRANSPORTATION	LUST
JEFF GROCERY (HOME OIL)	LUST
RYDER TRUCK# 0684 &93-6-10	LUST
TRI STATE MACHINE SHOP	AST
CITY OF KINSEY	AST
KMART	RCRA NonGen / NLR, FINDS
BISHOP FABRICARE SERVICES	RCRA NonGen / NLR
DURDEN OUTDOOR DISPLAYS	RCRA-CESQG

OVERVIEW MAP - 4279750.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

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

SITE NAME: Twitchell Technical Products	CLIENT: Terracon, Inc.
ADDRESS: 4031 Ross Clark Circle Dothan AL 36303	CONTACT: Tim Born INQUIRY #: 4279750.2s
LAT/LONG: 31.2554 / 85.4014	DATE: May 07, 2015 12:09 pm

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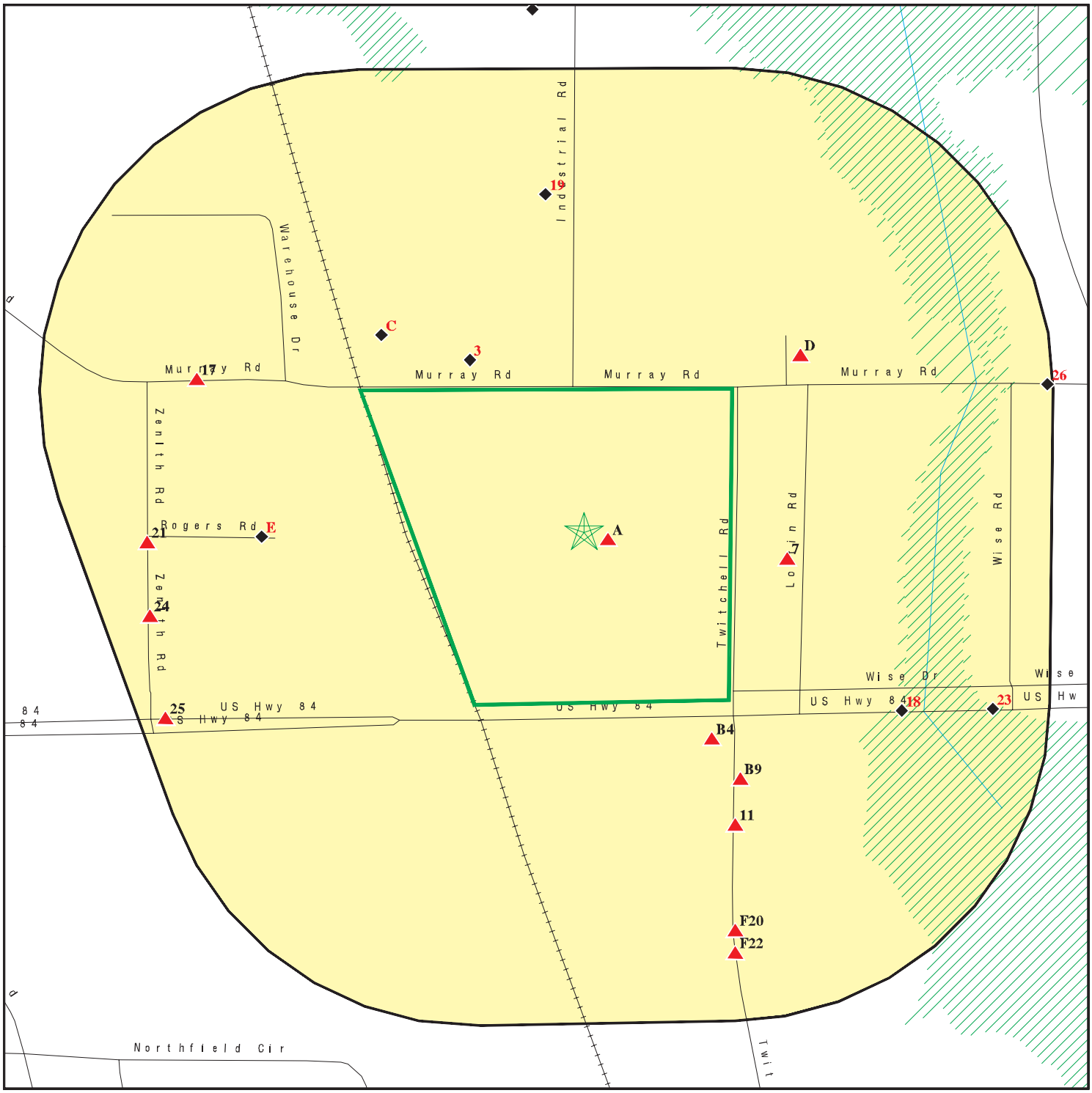
DETAIL MAP - 4279750.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

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

SITE NAME: Twitchell Technical Products	CLIENT: Terracon, Inc.
ADDRESS: 4031 Ross Clark Circle Dothan AL 36303	CONTACT: Tim Born INQUIRY #: 4279750.2s
LAT/LONG: 31.2554 / 85.4014	DATE: May 07, 2015 12:10 pm

Copyright © 2015 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		2	0	NR	NR	NR	2
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		3	1	4	NR	NR	8
LAST	0.500		1	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	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
AST	0.250		4	1	NR	NR	NR	5
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		4	2	NR	NR	NR	6
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	4	NR	NR	NR	9
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	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
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	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
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	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 US Hist Auto Stat	0.250		1	2	NR	NR	NR	3
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0
- Totals --		0	23	11	5	0	0	37

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LUDLOW COATED PRODUCTS DOTHAN PLANT** **RCRA NonGen / NLR** **1007090793**
4031 ROSS CLARK CIRCLE **ALN971013000**
< 1/8 **DOTHAN, AL 36304**
1 ft.

Site 1 of 2 in cluster A

Relative:
Higher

Actual:
323 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/13/1997
Facility name:	LUDLOW COATED PRODUCTS DOTHAN PLANT
Facility address:	4031 ROSS CLARK CIRCLE DOTHAN, AL 36304
EPA ID:	ALN971013000
Mailing address:	P O BOX 8156 DOTHAN, AL 36304
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LUDLOW COATED PRODUCTS
Owner/operator address:	P O BOX 8156 DOTHAN, AL 36304
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	NONE
. Waste name:	None

Violation Status: No violations found

LUDLOW COATED PRODUCTS DOTHAN PLANT (Continued) **1007090793**

Evaluation Action Summary:

Evaluation date:	10/13/1997
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

A2 **TWITCHELL TECHNICAL PRODUCTS** **RCRA-CESQG** **1000460427**
4031 ROSS CLARK CIRCLE NW **FINDS** **ALD983172297**
< 1/8 **DOTHAN, AL 36304** **US AIRS**
1 ft.

Site 2 of 2 in cluster A

Relative: Higher

Actual: 323 ft.

RCRA-CESQG:

Date form received by agency:	10/16/2013
Facility name:	TWITCHELL TECHNICAL PRODUCTS
Facility address:	4031 ROSS CLARK CIRCLE NW DOTHAN, AL 36304-0156
EPA ID:	ALD983172297
Mailing address:	P O BOX 8156 DOTHAN, AL 36304-0156
Contact:	GENA WEBB
Contact address:	P O BOX 8156 DOTHAN, AL 36304-0156
Contact country:	US
Contact telephone:	(334) 792-0002
Telephone ext.:	1351
Contact email:	GENAW@TWITCHELLCORP.COM
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	LUDLOW CORPORATION
Owner/operator address:	TWO TYCO PARK EXETER, NH 03883
Owner/operator country:	Not reported
Owner/operator telephone:	(603) 778-9700
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1776
Owner/Op end date:	Not reported
Owner/operator name:	CAPITAL PARTNERS

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Owner/operator address: GREENWICH OFFICE PARK
GREENWICH, CT 06831
Owner/operator country: US
Owner/operator telephone: 203-625-0770
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/18/2011
Owner/Op end date: Not reported

Owner/operator name: TWITCHELL TECHNICAL PRODUCTS
Owner/operator address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 792-0002
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2000
Owner/Op end date: Not reported

Owner/operator name: WINDPOINT PARTNERS
Owner/operator address: N MICHIGAN AVE STE 3300
CHICAGO, IL 60611
Owner/operator country: US
Owner/operator telephone: (312) 255-4800
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/2000
Owner/Op end date: Not reported

Owner/operator name: TWITCHELL CORPORATION
Owner/operator address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 792-0002
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D004

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 10/18/2012
Site name: TWITCHELL TECHNICAL PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/17/2011
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/18/2010
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/07/2009
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 01/14/2009
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/18/2007
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Date form received by agency: 10/13/2006
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/17/2005
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/07/2004
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 06/29/2004
Site name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/06/1998
Site name: TWITCHELL DIV OF LUDLOW CORPORATION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/13/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000369075

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Alabama Permit Tracking - The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval and accounting functions and includes general data about facilities, their ADEM permits, and fees owed and paid.

AIR MINOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110000369075
Plant name:	TWITCHELL TECHNICAL PRODUCTS, LLC
Plant address:	4031 ROSS CLARK CIRCLE DOTHAN, AL 36304
County:	HOUSTON
Region code:	04
Dunn & Bradst #:	Not reported
Air quality cntrl region:	006
Sic code:	9999
Sic code desc:	NONCLASSIFIABLE ESTABLISHMENTS
North Am. industrial classf:	337920
NAIC code description:	Blind and Shade Manufacturing
Default compliance status:	IN COMPLIANCE - CERTIFICATION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

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National action type: Not reported
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Penalty amount: Not reported

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National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
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Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
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Penalty amount: Not reported

Air program: Not reported
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National action type: Not reported
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Penalty amount: Not reported

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Penalty amount: Not reported

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National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

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Date achieved: Not reported
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Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1403
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1401
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1403
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1401
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1304
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1402
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1304
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1402

TWITCHELL TECHNICAL PRODUCTS (Continued) **1000460427**

Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1303
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1202
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: NSPS

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NSPS
Plant air program pollutant: Not reported
Default pollutant classification: CLASS IS UNKNOWN
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

3
NW
< 1/8
0.023 mi.
123 ft.

ANSELL INC **LUST** **U003203881**
1500 INDUSTRIAL RD **HIST UST** **N/A**
DOTHAN, AL 36302 **AST**
Financial Assurance

Relative:
Lower

Actual:
300 ft.

LUST:
Facility ID: 4443
Account Number: 10276
Owner Name: ANSELL INC
Owner Address: 1500 INDUSTRIAL RD
Owner City,St,Zip: DOTHAN, AL 36303
Incident Month/Yr: 06/04
Incident Number: 04
Searchable Incident Number: UST040604
Cleanup Complete: Yes

HIST UST:
Facility ID: 10276 69 4443
Site ID: 4443
Unique Tank Number: 1750
Capacity: 6000

ANSELL INC (Continued) **U003203881**

Install Date:	01/01/1963
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	11/12/1986
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Yes
Inert Date:	11/12/1986
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported

ANSELL INC (Continued) **U003203881**

Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	05/06/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/06/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1987-11-12
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	10276
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported

ANSELL INC (Continued) **U003203881**

Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	10276 69 4443
Site ID:	4443
Unique Tank Number:	49534
Capacity:	30000
Install Date:	01/01/1983
Compartments:	1
Tank Contents:	Mid-grade Gasoline
Tank Usage:	Emergency Power Generator
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Not reported
Other Pipe Meets Compliance:	Not reported
Other Pipe:	CU IN PVC
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	05/19/2004
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1998-11-12
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Yes
Three Year CP Test Date:	2004-04-30
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

ANSELL INC (Continued) **U003203881**

ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	2004-04-28
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	1901-01-01
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	01/01/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported

ANSELL INC (Continued) **U003203881**

Owner Signed Date S Oath:	08/27/1999
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	2005-05-19
Tank Add Date:	2000-12-28
User Who Added Tank:	JJD
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	10276
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AST:

Facility ID:	10276 69 4443
Site ID:	4443
Account Number:	10276
Owner Signed Date:	Not reported
Owner Type:	Private
Date Bought by Current Owner:	Not reported
Date Sold by Current Owner:	Not reported
Fiscal Year Start Date:	1999-10-01
Tank Number:	1
Unique Tank Number:	1140
Tank Status:	Permanently Closed, Removed
Date Installed:	1991-12-01
Removal Date:	Not reported
Capacity:	500
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Kerosense
Tank Type:	Aboveground
Last Usage Date:	1994-11-02
One Year After Last Use Date:	1995-11-02
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Yes

ANSELL INC (Continued) **U003203881**

Operator Signed Date: Not reported

AL Financial Assurance:

Account Number:	10276
Site ID Number:	4443
Facility Contact:	BILL DENT
Facility Contact Phone:	2057944231
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	10276
Site ID Number:	4443
Facility Contact:	BILL DENT
Facility Contact Phone:	2057944231
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

B4 **A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE** **RCRA NonGen / NLR** **1000239431**
SSE **4074 ROSS CLARK CIRCLE NW** **FINDS** **ALD982129579**
< 1/8 **DOTHAN, AL 36303**
0.030 mi.
157 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
331 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/26/2014
Facility name:	A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE
Facility address:	4074 ROSS CLARK CIRCLE NW DOTHAN, AL 36303
EPA ID:	ALD982129579
Mailing address:	PO BOX 8276 DOTHAN, AL 36304
Contact:	DANA MILANOWSKI
Contact address:	ROSS CLARK CIRCLE NW DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 794-0606
Telephone ext.:	103
Contact email:	DCPD@GRACEBA.NET
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

Owner/Operator Summary:

Owner/operator name:	DINO VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(850) 234-2900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	DANA MILANOWSKI
Owner/operator address:	ROSS CLARK CIRCLE NW DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	DINO AND ANN VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(334) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1776
Owner/Op end date:	Not reported

Owner/operator name:	DINO AND ANN VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	DINO AND ANN VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: DOTHAN CHRYSLER DODGE INC
Owner/operator address: P O BOX 8276
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 794-0606
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: DINO & ANN VELAZQUEZ
Owner/operator address: P O BOX 8276
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 794-0606
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/12/2003
Owner/Op end date: Not reported

Owner/operator name: MATT MILANOWSKI
Owner/operator address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36303
Owner/operator country: US
Owner/operator telephone: (334) 794-0606
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: DINO & ANN VELAZQUEZ
Owner/operator address: 200 WENTWORTH DRIVE
DOTHAN, AL 36305
Owner/operator country: Not reported
Owner/operator telephone: (334) 794-0606
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1776
Owner/Op end date: Not reported

Owner/operator name: DINO & ANN VELAZQUEZ
Owner/operator address: P O BOX 8276
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 794-0606
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/12/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/02/2013
Site name: A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE
Classification: Not a generator, verified

Date form received by agency: 10/15/2012
Site name: A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE
Classification: Not a generator, verified

Date form received by agency: 10/24/2011
Site name: A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE JEEP RAM
Classification: Not a generator, verified

Date form received by agency: 09/20/2010
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/18/2009
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 09/22/2008
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 09/24/2007
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 09/20/2006
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 10/14/2005
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 10/05/2004
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 01/07/2004
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 10/16/2002
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 10/24/2001
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/11/1993
Site name: DOTHAN CHRYSLER DODGE INC
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/08/1993
Date achieved compliance: 03/05/1993

A&D AUTOMOTIVE INC DBA DOTHAN CHRYSLER DODGE (Continued) **1000239431**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/18/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/24/1990
Date achieved compliance: 10/05/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/24/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/05/1993
Evaluation lead agency: State

Evaluation date: 08/24/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 10/05/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110003022504

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Alabama Permit Tracking - The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval and accounting functions and includes general data about facilities, their ADEM permits, and fees owed and paid.

C5 NW < 1/8 0.037 mi. 194 ft. | **DUNBARTON CORP**
868 MURRAY RD
DOTHAN, AL 36303 | **AST** | **1005447702**
N/A

Site 1 of 2 in cluster C

Relative: Lower

Actual: 306 ft.

AST:

Facility ID:	11390 69 16691
Site ID:	16691
Account Number:	11390
Owner Signed Date:	2001-03-06
Owner Type:	Private
Date Bought by Current Owner:	Not reported
Date Sold by Current Owner:	Not reported
Fiscal Year Start Date:	1999-10-01
Tank Number:	1
Unique Tank Number:	2369
Tank Status:	Currently in Use
Date Installed:	1987-03-18
Removal Date:	Not reported
Capacity:	147
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Kerosense
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	2001-03-06
Tank Number:	2
Unique Tank Number:	2370
Tank Status:	Currently in Use
Date Installed:	1988-02-09
Removal Date:	Not reported
Capacity:	147
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	2001-03-06

C6 NW < 1/8 0.043 mi. 227 ft. | **DUNBARTON CORPORATION SLIMFOLD DIVISION** | **RCRA NonGen / NLR** | **1000983347**
868 MURRAY ROAD | **FINDS** | **ALD067139337**
DOTHAN, AL 36303

Site 2 of 2 in cluster C

Relative: Lower

Actual: 307 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/12/2012
Facility name:	DUNBARTON CORP SLIMFOLD DIVISION
Facility address:	868 MURRAY ROAD DOTHAN, AL 36303
EPA ID:	ALD067139337
Mailing address:	P O BOX 8577 DOTHAN, AL 36304
Contact:	GLEN MCCARTY
Contact address:	P O BOX 8577 DOTHAN, AL 36304
Contact country:	US
Contact telephone:	(334) 794-0661
Telephone ext.:	117
Contact email:	GLENM@DUNBARTON.COM
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OSCAR HUGHES
Owner/operator address:	P O BOX 6416 DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0661
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	CGF INDUSTRIES
Owner/operator address:	NORTH WOODLAWN BLDG 500 WICHITA, KS 67220
Owner/operator country:	US
Owner/operator telephone:	(316) 691-4500
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	GLEN MCCARTY
Owner/operator address:	P.O. BOX 8577 DOTHAN, AL 36304
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0661
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	ROBERT THEUNE
Owner/operator address:	P O BOX 6416

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

DOTHAN, AL 36302
Owner/operator country: Not reported
Owner/operator telephone: (334) 794-0661
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/14/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/14/2011
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Not a generator, verified

Date form received by agency: 10/21/2010
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Not a generator, verified

Date form received by agency: 09/22/2009
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/01/2008
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 08/14/2008
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/29/2008
Site name: DUNBARTON CORPORATION, SLIMFOLD DIVISION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/15/2007
Site name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/18/2006
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/13/2005
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/18/2004
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/16/2003
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/16/2002
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/25/2001
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Date form received by agency: 01/12/2000
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 06/21/2011
Date achieved compliance: 09/23/2011
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/13/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.01(3)(b)
Area of violation: Generators - General
Date violation determined: 08/09/1994
Date achieved compliance: 09/14/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/15/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/21/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 09/23/2011
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

DUNBARTON CORPORATION SLIMFOLD DIVISION (Continued) **1000983347**

Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 08/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/14/1994
Evaluation lead agency: State

FINDS:

Registry ID: 110000369002

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

AIR MAJOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

Alabama Permit Tracking - The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval and accounting functions and includes general data about facilities, their ADEM permits, and fees owed and paid.

7 East < 1/8 0.045 mi. 235 ft.

COLEMAN AMERICAN MOVING SERVICES
109 LOFTIN ROAD
DOTHAN, AL 36303

HIST UST **U001466916**
Financial Assurance **N/A**

Relative: Higher

Actual: 325 ft.

HIST UST:

Facility ID:	11164 69 4879
Site ID:	4879
Unique Tank Number:	7612
Capacity:	1000
Install Date:	01/01/1963
Compartments:	1
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Not reported
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/18/1998
Last Quantity:	0
Within Distance Of Well:	Yes
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	05/02/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/02/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1999-09-18

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	11164
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	11164 69 4879
Site ID:	4879
Unique Tank Number:	7613
Capacity:	1000
Install Date:	01/01/1978
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Not reported
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/18/1998
Last Quantity:	0
Within Distance Of Well:	Yes
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	05/02/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/02/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1999-09-18
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	11164
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	11164
Site ID Number:	4879
Facility Contact:	RUFUS RONEY
Facility Contact Phone:	2057921117
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11164
Site ID Number:	4879
Facility Contact:	RUFUS RONEY

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Facility Contact Phone:	2057921117
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

D8 **KENNETH WHATLEY** **HIST UST** **U001719168**
NE **704 MURRAY RD** **Financial Assurance** **N/A**
< 1/8 **DOTHAN, AL 36303**
0.059 mi.
313 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
324 ft.

HIST UST:

Facility ID:	15362 69 98
Site ID:	98
Unique Tank Number:	35066
Capacity:	8000
Install Date:	01/01/1964
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	12/01/1995
Last Quantity:	0
Within Distance Of Well:	Yes
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1995-01-25
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Yes
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Company S Oath:	Not reported
Date Signed:	01/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	01/16/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1996-12-01
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	15362
Year of Last Sir Report:	1994
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	15362 69 98
Site ID:	98
Unique Tank Number:	35067
Capacity:	10000
Install Date:	01/01/1972
Compartments:	1
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	08/01/1990
Last Quantity:	0
Within Distance Of Well:	Yes
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901

KENNETH WHATLEY (Continued) **U001719168**

Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	01/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	01/16/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1991-08-01
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	15362
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	15362 69 98
Site ID:	98
Unique Tank Number:	35068
Capacity:	10000
Install Date:	01/01/1972
Compartments:	1

KENNETH WHATLEY (Continued) **U001719168**

Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	12/01/1995
Last Quantity:	0
Within Distance Of Well:	Yes
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	01/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	01/16/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1996-12-01
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	15362
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	15362
Site ID Number:	98
Facility Contact:	KENNETH WHATLEY
Facility Contact Phone:	3346776691
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	15362
Site ID Number:	98
Facility Contact:	KENNETH WHATLEY
Facility Contact Phone:	3346776691
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	15362
Site ID Number:	98
Facility Contact:	KENNETH WHATLEY
Facility Contact Phone:	3346776691
Tank Number:	3
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

B9 SSE < 1/8 0.062 mi. 326 ft. | **DOTHAN SHOP**
1020 TWITCHELL RD
DOTHAN, AL 36304

Site 2 of 2 in cluster B

LUST **U003547932**
LAST **N/A**
AST
Financial Assurance

Relative: Higher

Actual: 330 ft.

LUST:

Facility ID:	1885
Account Number:	11261
Owner Name:	COUCH INC.
Owner Address:	PO BOX 8888
Owner City,St,Zip:	DOTHAN, AL 36304
Incident Month/Yr:	01/93
Incident Number:	27
Searchable Incident Number:	UST930127
Cleanup Complete:	Yes

Facility ID:	1885
Account Number:	11261
Owner Name:	COUCH INC/APAC-ALABAMA, INC.
Owner Address:	PO BOX 8888
Owner City,St,Zip:	DOTHAN, AL 36304
Incident Month/Yr:	10/93
Incident Number:	17
Searchable Incident Number:	UST931017
Cleanup Complete:	Yes

LAST:

Facility ID:	1885
Facility ID Account Number:	11261
Owner Name:	APAC SOUTHEAST INC
Owner Address:	381 TWITCHELL RD
Owner City,State,Zip:	DOTHAN, AL 36303
Searchable Incident Num:	AST090801
Incident Year:	AST09
Incident Month:	08
Incident Number:	01
NFA Issued:	**Not reported**

AST:

Facility ID:	10830 69 1885
Site ID:	1885
Account Number:	10830
Owner Signed Date:	Not reported
Owner Type:	Private
Date Bought by Current Owner:	Not reported
Date Sold by Current Owner:	Not reported
Fiscal Year Start Date:	1999-10-01

Tank Number:	1
Unique Tank Number:	2333
Tank Status:	Currently in Use
Date Installed:	1993-01-07
Removal Date:	Not reported
Capacity:	10000
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel

DOTHAN SHOP (Continued) **U003547932**

Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported

Tank Number:	2
Unique Tank Number:	2334
Tank Status:	Currently in Use
Date Installed:	1993-01-07
Removal Date:	Not reported
Capacity:	10000
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported

Tank Number:	3
Unique Tank Number:	2335
Tank Status:	Currently in Use
Date Installed:	1993-01-07
Removal Date:	Not reported
Capacity:	10000
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported

Tank Number:	4
Unique Tank Number:	2336
Tank Status:	Currently in Use
Date Installed:	1993-01-07
Removal Date:	Not reported
Capacity:	10000

DOTHAN SHOP (Continued) **U003547932**

Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Unleaded Gasoline
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported

AL Financial Assurance:

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	3
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number: 11261

DOTHAN SHOP (Continued) **U003547932**

Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	4
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	5
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	6
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	7
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885

DOTHAN SHOP (Continued) **U003547932**

Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	8
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID Number:	1885
Facility Contact:	JUDD WOODS
Facility Contact Phone:	3347127508
Tank Number:	9
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

D10 **EDR US Hist Auto Stat** **1015607877**
NE **704 MURRAY RD** **N/A**
< 1/8 **DOTHAN, AL 36303**
0.064 mi.
339 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
324 ft.

EDR Historical Auto Stations:

Name:	SOUTHERN TRUCK FLEET MAINTENANCE & REPAIR
Year:	1999
Address:	704 MURRAY RD

Name:	DOTHAN MOBILE TRUCK MNTNNC
Year:	2001
Address:	704 MURRAY RD

Name:	DOTHAN MOBILE TRUCK MNTNNC
Year:	2002
Address:	704 MURRAY RD

Name:	DOTHAN MOBILE TRUCK MNTNNC
Year:	2003
Address:	704 MURRAY RD

Name:	DOTHAN MOBILE TRUCK MAINTENANCE & RE
Year:	2005
Address:	704 MURRAY RD

Name:	DOTHAN MOBILE TRUCK MAINTENANCE REPA
Year:	2006
Address:	704 MURRAY RD

11 SSE < 1/8 0.097 mi. 513 ft. | **GULF COAST TRUCK & EQUIPMENT CO INC**
736 TWITCHELL ROAD
DOTHAN, AL 36303 | **RCRA NonGen / NLR** | **1014386249**
ALR000048207

Relative: Higher

Actual: 332 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/02/2014
Facility name:	GULF COAST TRUCK & EQUIPMENT CO INC
Facility address:	736 TWITCHELL ROAD DOTHAN, AL 36303
EPA ID:	ALR000048207
Mailing address:	P.O. BOX 6626 DOTHAN, AL 36302
Contact:	CAROLE MARKIS
Contact address:	P.O. BOX 6626 DOTHAN, AL 36302
Contact country:	US
Contact telephone:	(251) 476-2744
Telephone ext.:	2481
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN HICKERSON
Owner/operator address:	P.O. BOX 6626 DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 794-2695
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	JOHN R. CROSS JR
Owner/operator address:	P.O. BOX 6626 DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 794-2695
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	CAROLE MARKRIS
Owner/operator address:	P.O. BOX 6267 MOBILE, AL 36606
Owner/operator country:	US
Owner/operator telephone:	(251) 476-2744
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

GULF COAST TRUCK & EQUIPMENT CO INC (Continued) **1014386249**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	10/16/2013
Site name:	GULF COAST TRUCK & EQUIPMENT CO INC
Classification:	Not a generator, verified
Date form received by agency:	10/11/2012
Site name:	GULF COAST TRUCK & EQUIPMENT CO INC
Classification:	Not a generator, verified
Date form received by agency:	10/18/2011
Site name:	GULF COAST TRUCK & EQUIPMENT CO INC
Classification:	Not a generator, verified
Date form received by agency:	10/27/2010
Site name:	GULF COAST TRUCK & EQUIPMENT CO INC
Classification:	Not a generator, verified
Violation Status:	No violations found

E12 West < 1/8 0.103 mi. 546 ft. | **CONCRETE INC** | **LUST** | **U003204336**
RODGERS PO BOX 1112 | **HIST UST** | **N/A**
DOTHAN, AL 36302 | **Financial Assurance**

Site 1 of 5 in cluster E

Relative: Lower

Actual: 319 ft.

LUST:

Facility ID:	2426
Account Number:	20449
Owner Name:	LAFARGE BUILDING MATERIALS
Owner Address:	12735 MORRIS ROAD EXTENSION, STE 300
Owner City,St,Zip:	ALPHARETTA, GA 30004
Incident Month/Yr:	02/99
Incident Number:	08
Searchable Incident Number:	UST990208
Cleanup Complete:	Yes

HIST UST:

Facility ID:	20449 69 2426
Site ID:	2426
Unique Tank Number:	7807
Capacity:	10000
Install Date:	01/01/1972
Compartments:	1

CONCRETE INC (Continued) **U003204336**

Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	04/01/1998
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Yes
Tightness Test Date 13:	1992-12-13
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported

CONCRETE INC (Continued) **U003204336**

Continous Alarm System:	Not reported	
Other:	Not reported	
Other Implies Compliance:	Not reported	
Annual Line Test:	Yes	
Auto Ele Line Leak Detect:	Not reported	
Line Tight Test Date:	1992-12-13	
Vapor Monitoring:	Not reported	
Vapor Approval Date:	Not reported	
Groundwater Monitoring:	Not reported	
Groundwater Approval Date:	Not reported	
Sir 15:	Not reported	
Interstitial W 2 Cont:	Not reported	
Monthly Log Date:	Not reported	
Interstitial W 2 Barr:	Not reported	
Other:	Not reported	
Other Implies Compliance:	Not reported	
Line Tightness Testing 3 Yrso1:	Not reported	
Line Tight 3 Years Test Date:	Not reported	
Interstitial W 2 Cont:	Not reported	
Interstitial W 2 Barr:	Not reported	
Vapor Monitoring:	Not reported	
Groundwater Monitoring:	Not reported	
Check Valve:	Not reported	
Sir 15:	Not reported	
Other:	Not reported	
Other Implies Compliance:	Not reported	
Gravity P:	Not reported	
Manufacturer:	Not reported	
List And Form 15:	Not reported	
Pe Form 15 Ps:	Not reported	
Other Install Text:	Not reported	
Oath Date S Oath:	1901-01-01	
Installer S Oath:	Not reported	
Position Title S Oath:	Not reported	
Company S Oath:	Not reported	
Date Signed:	04/16/1986	
Company Address S Oath:	Not reported	
Company Phone S Oath:	Not reported	
Owner Signed Date S Oath:	04/16/1986	
Reg Bill Indicator:	No	
Ins Bill Indicator:	No	
Owner Type 2:	P	
Default Date:	1901-01-01	
Unknown Date:	1911-11-11	
Regulation Date:	1988-12-22	
One Year After Last Use Date:	1999-04-01	
Tank Add Date:	1988-09-30	
User Who Added Tank:	Not reported	
Bare Steel:	Not reported	
Vapor:	Not reported	
Cannot Locate:	Not reported	
Account No:	20449	
Year of Last Sir Report:	Not reported	
Tank Contains Gasohol (85% Ethanol):		Not reported
Tank Contains Biodiesel:		Not reported
Single Walled Tank:		Not reported
Double Walled Tank:		Not reported

CONCRETE INC (Continued) **U003204336**

Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	20449 69 2426
Site ID:	2426
Unique Tank Number:	7808
Capacity:	10000
Install Date:	01/01/1972
Compartments:	1
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	04/01/1998
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported

CONCRETE INC (Continued) **U003204336**

Tightness Test:	Yes
Tightness Test Date 13:	1992-12-13
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1992-12-13
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	04/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	04/16/1986
Reg Bill Indicator:	No

CONCRETE INC (Continued) **U003204336**

Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1999-04-01
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	20449
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	20449
Site ID Number:	2426
Facility Contact:	JOHN E HUGHES
Facility Contact Phone:	2057942727
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	20449
Site ID Number:	2426
Facility Contact:	JOHN E HUGHES
Facility Contact Phone:	2057942727
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

E13 West < 1/8 0.111 mi. 586 ft. | **CON-WAY FREIGHT - NDO**
608 ROGERS ROAD
DOTHAN, AL 36303 | **RCRA-SQG** | **1014922366**
ALR000049999

Site 2 of 5 in cluster E

Relative: Lower

Actual: 320 ft.

RCRA-SQG:

Date form received by agency:	09/16/2013
Facility name:	CON-WAY FREIGHT - NDO
Facility address:	608 ROGERS ROAD DOTHAN, AL 36303
EPA ID:	ALR000049999
Mailing address:	OLD EARHEART ROAD STE.100 ANN ARBOR, MI 48105
Contact:	JEFF SEXTEN
Contact address:	OLD EARHEART ROAD STE.100 ANN ARBOR, MI 48105
Contact country:	US
Contact telephone:	(734) 757-1657
Contact email:	SEXTEN.JEFF@CON-WAY.COM
EPA Region:	04
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CON-WAY FREIGHT - NDO
Owner/operator address:	ROGERS ROAD DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 702-4845
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	CON-WAY FREIGHT INC
Owner/operator address:	OLD EARHEART ROAD STE. 100 ANN ARBOR, MI 48105
Owner/operator country:	US
Owner/operator telephone:	(734) 757-1657
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

CON-WAY FREIGHT - NDO (Continued) **1014922366**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Historical Generators:
Date form received by agency: 10/12/2012
Site name: CON-WAY FREIGHT - NDO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 11/29/2011
Site name: CON-WAY FREIGHT - NDO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

E14 West < 1/8 0.112 mi. 590 ft. | **INDUSTRIAL CHEMICALS, INC** | **RCRA-SQG** | **1007090846**
609 ROGERS ROAD | **ALN980610002**
DOTHAN, AL 36303

Site 3 of 5 in cluster E

Relative: Lower

Actual: 320 ft.

RCRA-SQG:
Date form received by agency: 10/06/2014
Facility name: INDUSTRIAL CHEMICALS, INC
Facility address: 609 ROGERS ROAD
DOTHAN, AL 36303-5701
EPA ID: ALN980610002
Mailing address: P.O. BOX 660688
BIRMINGHAM, AL 35266-0688
Contact: RICHARD WHEATON
Contact address: P.O. BOX 660688
BIRMINGHAM, AL 35266-0688
Contact country: US

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

Contact telephone:	205-823-7330
Telephone ext.:	1103
Contact email:	DUSTYW@INDUSTRIALCHEM.COM
EPA Region:	04
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	INDUSTRIAL CHEMICALS INC
Owner/operator address:	MONTREAT DR BIRMINGHAM, AL 35216
Owner/operator country:	US
Owner/operator telephone:	251-823-7330
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	WILLIAM L WELCH
Owner/operator address:	MONTREAT DR BIRMINGHAM, AL 35216
Owner/operator country:	US
Owner/operator telephone:	251-823-7330
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	Yes
Used oil transporter:	Yes

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

. Waste code:	D002
. Waste name:	CORROSIVE WASTE

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Historical Generators:
Date form received by agency: 10/07/2013
Site name: INDUSTRIAL CHEMICALS, INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 10/01/2012
Site name: INDUSTRIAL CHEMICALS, INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 10/06/2011
Site name: INDUSTRIAL CHEMICALS, INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 06/09/2011
Site name: INDUSTRIAL CHEMICALS, INC
Classification: Small Quantity Generator

Date form received by agency: 06/10/1998
Site name: INDUSTRIAL CHEMICALS, INC
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/10/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

E15 West < 1/8 0.114 mi. 600 ft. **LAFARGE BUILDING MATERIALS DOTHAN SHOP** **RCRA NonGen / NLR** **1007988730**
611 ROGERS ROAD **ALR000033225**
DOTHAN, AL 36303

Site 4 of 5 in cluster E

Relative: Lower

Actual: 320 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/09/2010
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Facility address: 611 ROGERS ROAD
DOTHAN, AL 36303
EPA ID: ALR000033225
Mailing address: AIRLINE DRIVE
METAIRIE, LA 70001
Contact: SARA COOK
Contact address: AIRLINE DRIVE
METAIRIE, LA 70001
Contact country: US
Contact telephone: (480) 621-9055
Contact email: SARA.COOK@LAFARGE-NA.COM
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

LAFARGE BUILDING MATERIALS DOTHAN SHOP (Continued) **1007988730**

Owner/Operator Summary:

Owner/operator name:	LAFARGE BUILDING MATERIALS
Owner/operator address:	MORRIS RD EXT STE 300 ALPHARETTA, GA 30004
Owner/operator country:	US
Owner/operator telephone:	(678) 746-2295
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	LAFARGE BUILDING MATERIALS
Owner/operator address:	MORRIS RD EXT STE 300 ALPHARETTA, GA 30004
Owner/operator country:	US
Owner/operator telephone:	(678) 746-2295
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/11/2010
Site name:	LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification:	Not a generator, verified

Date form received by agency:	09/29/2008
Site name:	LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	09/24/2007
Site name:	LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	09/25/2006
Site name:	LAFARGE BUILDING MATRLS DOTHAN SHOP
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	10/04/2005

LAFARGE BUILDING MATERIALS DOTHAN SHOP (Continued) **1007988730**

Site name: LAFARGE BUILDING MATRLS DOTHAN SHOP
Classification: Unverified

Date form received by agency: 07/28/2004
Site name: LAFARGE BUILDING MATRLS DOTHAN CONCRETE
Classification: Not a generator, verified

Violation Status: No violations found

E16
West
< 1/8
0.114 mi.
600 ft.

DOTHAN CONCRETE PLANT **AST** **A100306269**
611 ROGERS ROAD **N/A**
DOTHAN, AL 36303

Site 5 of 5 in cluster E

Relative:
Lower

Actual:
320 ft.

AST:

Facility ID:	23810 69 18955
Site ID:	18955
Account Number:	23810
Owner Signed Date:	2007-06-01
Owner Type:	Private
Date Bought by Current Owner:	Not reported
Date Sold by Current Owner:	Not reported
Fiscal Year Start Date:	1999-10-01
Tank Number:	1
Unique Tank Number:	6037
Tank Status:	Currently in Use
Date Installed:	2004-07-01
Removal Date:	Not reported
Capacity:	9000
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	2007-06-01

17
WNW
1/8-1/4
0.128 mi.
674 ft.

UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE **RCRA NonGen / NLR** **1007369957**
980 MURRAY ROAD **ALR000032185**
DOTHAN, AL 36302

Relative:
Higher

Actual:
323 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/30/2013
Facility name:	UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE
Facility address:	980 MURRAY ROAD DOTHAN, AL 363022222
EPA ID:	ALR000032185
Mailing address:	PLEASANTVILLE ROAD S-230

UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE (Continued) **1007369957**

	BRIARCLIFF MANOR, NY 10510
Contact:	DAN HARTMAN
Contact address:	MURRAY ROAD
	DOTHAN, AL 363022222
Contact country:	US
Contact telephone:	(334) 702-6417
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	UNIGLOBE KISCO INC
Owner/operator address:	PLEASANTVILLE ROAD S-230
	BRIARCLIFF MANOR, NY 10510
Owner/operator country:	US
Owner/operator telephone:	(914) 773-1920
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/05/2004
Owner/Op end date:	Not reported

Owner/operator name:	DOTHAN WAREHOUSE
Owner/operator address:	MURRAY ROAD
	DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 702-6471
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/05/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	04/12/2004
Site name:	UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE
Classification:	Small Quantity Generator
. Waste code:	D001
. Waste name:	IGNITABLE WASTE

UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE (Continued) **1007369957**

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D043
. Waste name: VINYL CHLORIDE

Violation Status: No violations found

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18 ESE 1/8-1/4 0.135 mi. 713 ft.

MCDOWELL ISUZU SUBARU
4123 ROSS CLARK CIR NW
DOTHAN, AL 36303

RCRA NonGen / NLR FINDS **1000239432 ALD982157521**

Relative: Lower

Actual: 321 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/30/2004
Facility name:	MCDOWELL ISUZU SUBARU
Facility address:	4123 ROSS CLARK CIR NW DOTHAN, AL 36303
EPA ID:	ALD982157521
Mailing address:	ROSS CLARK CIR NW DOTHAN, AL 36303
Contact:	ALVIN OUTLAW
Contact address:	4123 ROSS CLARK CIR NW DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 792-5161
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JAMES MCDOWELL
Owner/operator address:	4123 ROSS CLARK CIR NW DOTHANITY, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 792-5161
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JAMES MCDOWELL
Owner/operator address:	4123 ROSS CLARK CIR NW DOTHANITY, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 792-5161
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1776
Owner/Op end date:	Not reported

MCDOWELL ISUZU SUBARU (Continued) **1000239432**

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1776
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/18/1993
Site name: MCDOWELL ISUZU SUBARU
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

MCDOWELL ISUZU SUBARU (Continued) **1000239432**

FINDS:

Registry ID: 110003372001

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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19 North 1/8-1/4 0.152 mi. 804 ft. **ANSELL HEALTHCARE 1635 INDUSTRIAL ROAD DOTHAN, AL 36303** **RCRA NonGen / NLR** **1000474302 ALD982168080**

Relative: Lower

Actual: 306 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/28/2012
Facility name:	ANSELL HEALTHCARE
Facility address:	1635 INDUSTRIAL ROAD DOTHAN, AL 36303
EPA ID:	ALD982168080
Mailing address:	INDUSTRIAL ROAD DOTHAN, AL 36303
Contact:	JENNIFER PETERSON
Contact address:	INDUSTRIAL ROAD DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 615-2560
Contact email:	JPETERSO@ANSELL.COM
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PACIFIC DUNLOP LIMITED
Owner/operator address:	GPO BOX 77214 MELBOURNE VICTOR, OT 3001
Owner/operator country:	AU
Owner/operator telephone:	(613) 566-1888
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/16/2002
Owner/Op end date:	Not reported

Owner/operator name:	PACIFIC DUNLOP LIMITED
Owner/operator address:	GPO BOX 77214 MELBOURNE AUSTRALIA, OT 3001
Owner/operator country:	Not reported
Owner/operator telephone:	(613) 566-1888
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1776

ANSELL HEALTHCARE (Continued) **1000474302**

Owner/Op end date: Not reported

Owner/operator name: ANSELL HEALTHCARE INC
Owner/operator address: INDUSTRIAL ROAD
DOTHAN, AL 36303
Owner/operator country: Not reported
Owner/operator telephone: (334) 794-4231
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/17/2003
Owner/Op end date: Not reported

Owner/operator name: ANSELL HEALTHCARE
Owner/operator address: INDUSTRIAL ROAD
DOTHAN, AL 36303
Owner/operator country: US
Owner/operator telephone: (334) 794-4231
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/17/2003
Owner/Op end date: Not reported

Owner/operator name: ANSELL HEALTHCARE INC
Owner/operator address: INDUSTRIAL ROAD
DOTHAN, AL 36303
Owner/operator country: Not reported
Owner/operator telephone: (334) 794-4231
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/17/2003
Owner/Op end date: Not reported

Owner/operator name: PACIFIC DUNLOP LIMITED
Owner/operator address: GPO BOX 77214
MELBOURNE VICTOR, OT 3001
Owner/operator country: AU
Owner/operator telephone: (613) 566-1888
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/16/2002
Owner/Op end date: Not reported

Owner/operator name: ANSELL HEALTHCARE
Owner/operator address: INDUSTRIAL ROAD
DOTHAN, AL 36303
Owner/operator country: US
Owner/operator telephone: (334) 794-4231
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/17/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

ANSELL HEALTHCARE (Continued) **1000474302**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/14/2011
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Date form received by agency: 10/15/2010
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/28/2009
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/07/2008
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 11/02/2007
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 01/04/2007
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/18/2005
Site name: ANSELL HEALTHCARE

ANSELL HEALTHCARE (Continued) **1000474302**

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/18/2004
Site name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/20/2003
Site name: ANSELL HEALTHCARE INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 11/05/2002
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 10/25/2001
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Date form received by agency: 12/14/1993
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/07/1988
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 07/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

F20
SSE
1/8-1/4
0.179 mi.
947 ft.

660 TWITCHELL RD
DOTHAN, AL 36303

Site 1 of 2 in cluster F

EDR US Hist Auto Stat **1015593520**
N/A

Relative:
Higher

Actual:
334 ft.

EDR Historical Auto Stations:

Name:	B & D TRUCK & TRAILER REPAIR
Year:	2009
Address:	660 TWITCHELL RD
Name:	B & D TRUCK & TRAILER REPAIR
Year:	2010
Address:	660 TWITCHELL RD

21
West
1/8-1/4
0.196 mi.
1036 ft.

ANSLEY BLDG SUPPLY FORMER TKW INC
114 ZENITH RD
DOTHAN, AL 36301

HIST UST **U003105122**
Financial Assurance **N/A**

Relative:
Higher

Actual:
330 ft.

HIST UST:

Facility ID:	14820 69 5755
Site ID:	5755
Unique Tank Number:	31403
Capacity:	2000
Install Date:	01/01/1983
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Bulk Facility
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	03/08/1989
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	04/23/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	04/23/1986
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1990-03-08
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	14820
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	14820
Site ID Number:	5755
Facility Contact:	DOYCE R REEVES
Facility Contact Phone:	3347928512
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

F22 SSE 1/8-1/4 0.197 mi. 1039 ft. | **DOTHAN ASPHALT PLANT**
595 TWITCHELL ROAD
DOTHAN, AL 36304 | **AST** | **U003547933**
N/A

Site 2 of 2 in cluster F

Relative: Higher

Actual: 334 ft.

AST:

Facility ID:	10830 69 16980
Site ID:	16980
Account Number:	10830
Owner Signed Date:	1999-09-21
Owner Type:	Private
Date Bought by Current Owner:	1973-01-01
Date Sold by Current Owner:	Not reported
Fiscal Year Start Date:	1999-10-01
Tank Number:	1
Unique Tank Number:	3578
Tank Status:	Currently in Use
Date Installed:	1973-08-01
Removal Date:	Not reported
Capacity:	6063
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported
Tank Number:	2
Unique Tank Number:	3579
Tank Status:	Currently in Use
Date Installed:	1973-08-01
Removal Date:	Not reported
Capacity:	12000
Number of Compartments:	1
Number of Substances:	1
Tank Contents:	Diesel
Tank Type:	Aboveground
Last Usage Date:	Not reported
One Year After Last Use Date:	Not reported
Last Quantity:	Not reported
Located Above Ground:	Not reported
Within Distance of Well:	Not reported
Located Underground Area:	Not reported
Notification Not Required:	Not reported
Operator Signed Date:	Not reported

23 ESE 1/8-1/4 0.206 mi. 1087 ft.	**CARQUEST #8328 4145 ROSS CLARK CIRCLE SUITE 1 DOTHAN, AL 36303**	**RCRA-CESQG**	**1004671259 ALR000000430**

Relative: Lower

Actual: 319 ft.

RCRA-CESQG:

Date form received by agency:	11/03/2014
Facility name:	CARQUEST #8328
Facility address:	4145 ROSS CLARK CIRCLE SUITE 1 DOTHAN, AL 36303
EPA ID:	ALR000000430
Mailing address:	PO BOX 26006 RALEIGH, NC 27611
Contact:	ELIZABETH DILLON
Contact address:	PO BOX 26006 RALEIGH, NC 27611
Contact country:	US
Contact telephone:	919-573-3445
Contact email:	ELIZABETH.DILLON@GPI.COM
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CQ AUTO PARTS
Owner/operator address:	ROSS CLARK CIRCLE DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 793-6275
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	GENERAL PARTS INC
Owner/operator address:	3065 SELMA HIGHWAY MONTGOMERY, AL 36108
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 284-1991
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

CARQUEST #8328 (Continued) **1004671259**

Owner/operator name: CQ AUTO PARTS
Owner/operator address: ROSS CLARK CIRCLE
DOTHAN, AL 36303
Owner/operator country: US
Owner/operator telephone: (334) 793-6275
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: GENERAL PARTS
Owner/operator address: PO BOX 26006
RALEIGH, NC 27611
Owner/operator country: US
Owner/operator telephone: 919-573-3000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: GENERAL PARTS
Owner/operator address: PO BOX 26006
RALEIGH, NC 27611
Owner/operator country: US
Owner/operator telephone: 919-573-3000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008

CARQUEST #8328 (Continued) **1004671259**

. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 10/15/2012
Site name: CQ PAINTS OF DOTHAN AL #8328
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

CARQUEST #8328 (Continued) **1004671259**

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/21/2011
Site name: CQ PAINTS OF DOTHAN AL #8328
Classification: Not a generator, verified

Date form received by agency: 01/05/2011
Site name: CQ PAINTS OF DOTHAN AL #8328
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

CARQUEST #8328 (Continued) **1004671259**

Date form received by agency: 03/21/1995
Site name: TAYLOR PAINT AND SUPPLY
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

24 WSW 1/8-1/4 0.214 mi. 1130 ft. | **SEARS ROEBUCK AND CO 7415**
108 ZENITH ROAD
DOTHAN, AL 36303 | **RCRA NonGen / NLR**
FINDS | **1000904517**
AL0000738120

Relative: Higher

Actual: 332 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/10/2006
Facility name:	SEARS ROEBUCK AND CO 7415
Facility address:	108 ZENITH ROAD DOTHAN, AL 36303
EPA ID:	AL0000738120
Mailing address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Contact:	MICHAEL OLSEN
Contact address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Contact country:	US
Contact telephone:	(847) 286-7199
Contact email:	MOLSEN4@SEARSHC.COM
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SEARS ROEBUCK AND CO
Owner/operator address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Owner/operator country:	US
Owner/operator telephone:	(847) 286-7199
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/11/2003
Owner/Op end date:	Not reported

Owner/operator name:	SEARS ROEBUCK AND CO
Owner/operator address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Owner/operator country:	US
Owner/operator telephone:	(847) 286-7199
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1776
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/30/2005
Site name: SEARS ROEBUCK AND CO 7415
Classification: Unverified

Date form received by agency: 03/23/2005
Site name: SEARS ROEBUCK AND CO 7415
Classification: Unverified

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 05/18/2004
Site name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 11/19/2003
Site name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Date form received by agency: 04/09/2002
Site name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Date form received by agency: 12/17/2001
Site name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/19/1995
Site name: SEARS ROEBUCK AND CO 7415
Classification: Small Quantity Generator

Date form received by agency: 04/19/1995
Site name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Facility Has Received Notices of Violations:
Regulation violated: SR - 14-3.02(1)(a)
Area of violation: Generators - Manifest
Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.04(1)(a)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-9.05
Area of violation: LDR - General

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.01(3)(a)
Area of violation: Generators - General
Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/12/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 04/12/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 04/12/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: LDR - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 04/12/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Manifest
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

FINDS:

Registry ID: 110003034555

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

25 WSW 1/8-1/4 0.230 mi. 1213 ft. | **SEARS WAREHOUSE**
3903 ROSS CLARK CR
DOTHAN, AL 36303 | **LUST**
HIST UST
Financial Assurance | **U001864982**
N/A

Relative: Higher

Actual: 332 ft.

LUST:

Facility ID:	15247
Account Number:	17271
Owner Name:	AJAX REALTY CO
Owner Address:	P.O. BOX 6356
Owner City,St,Zip:	DOTHAN, AL 36302
Incident Month/Yr:	03/94
Incident Number:	27
Searchable Incident Number:	UST940327
Cleanup Complete:	Yes

HIST UST:

Facility ID:	17271 69 15247
Site ID:	15247
Unique Tank Number:	41745
Capacity:	1000
Install Date:	09/30/1969
Compartments:	1
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Other External Prot Pipe:	Not reported
Last Usage Date:	02/26/1990
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	Not reported
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1901-01-01
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported

SEARS WAREHOUSE (Continued) **U001864982**

Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported

SEARS WAREHOUSE (Continued) **U001864982**

Date Signed:	01/16/1991
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	01/16/1991
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1991-02-26
Tank Add Date:	1991-03-12
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	17271
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	17271
Site ID Number:	15247
Facility Contact:	SUE POOLE
Facility Contact Phone:	2057940520
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

26 ENE 1/8-1/4 0.246 mi. 1297 ft. | **585 MURRAY RD DOTHAN, AL 36303** | **EDR US Hist Auto Stat** | **1015561939 N/A**

Relative: Lower

Actual: 312 ft.

EDR Historical Auto Stations:

Name: GENERAL AUTOMOTIVE
Year: 2001
Address: 585 MURRAY RD

Name: GENERAL AUTOMOTIVE
Year: 2002
Address: 585 MURRAY RD

Name: GENERAL AUTOMOTIVE
Year: 2003
Address: 585 MURRAY RD

Name: GENERAL AUTOMOTIVE
Year: 2004
Address: 585 MURRAY RD

Name: GENERAL AUTO LTD LIABILITY CO
Year: 2005
Address: 585 MURRAY RD

Name: GENERAL AUTO LTD LIABILITY CO
Year: 2006
Address: 585 MURRAY RD

Name: GENERAL AUTO LLC
Year: 2007
Address: 585 MURRAY RD

Name: GENERAL AUTOMOTIVE LLC
Year: 2008
Address: 585 MURRAY RD

Name: D & T CUSTOM AUTOMOTIVE
Year: 2010
Address: 585 MURRAY RD

G27 North 1/4-1/2 0.296 mi. 1565 ft. | **LILLY INDUST. COATINGS (NOW VALSPAR) 1771 (WAS 2305) INDUSTRIAL RD DOTHAN, AL** | **LUST** | **S105174895 N/A**

Site 1 of 2 in cluster G

Relative: Lower

Actual: 309 ft.

LUST:

Facility ID:	10149
Account Number:	13128
Owner Name:	THE VALSPAR CORPORATION
Owner Address:	1101 THIRD STREET SOUTH
Owner City,St,Zip:	MINNEAPOLIS, MN 55415
Incident Month/Yr:	09/91
Incident Number:	07
Searchable Incident Number:	UST910907
Cleanup Complete:	Yes

G28 North 1/4-1/2 0.329 mi. 1737 ft. | **LILLY INDUSTRIAL COATINGS INC**
2305 INDUSTRIAL RD
DOTHAN, AL 36303
Site 2 of 2 in cluster G

CERCLIS | **1000293380**
RCRA NonGen / NLR | **ALD050983394**
FINDS
HIST UST
Financial Assurance

Relative: Lower

Actual: 306 ft.

CERCLIS:

Site ID:	0400194
EPA ID:	ALD050983394
Facility County:	HOUSTON
Short Name:	LILLY INDUSTRIAL COATINGS
Congressional District:	03
IFMS ID:	Not reported
SMSA Number:	Not reported
USGC Hydro Unit:	03140201
Federal Facility:	Not a Federal Facility
DMNSN Number:	2.00000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	04
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	ACRE
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date:	09/28/09
Site Fips Code:	01069
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	4000218.00000
Contact Name:	HUMBERTO GUZMAN
Contact Tel:	(404) 562-8942
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	guzman.humberto@epa.gov
Contact ID:	4000275.00000
Contact Name:	William Joyner
Contact Tel:	(404) 562-8795
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	joyner.william@epa.gov
Contact ID:	13002428.00000
Contact Name:	Donna Seadler
Contact Tel:	(404) 562-8870
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	seadler.donna@epa.gov
Contact ID:	4270104.00000

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Contact Name: Jennifer Wendel
Contact Tel: (404) 562-8799
Contact Title: Site Assessment Manager (SAM)
Contact Email: wendel.jennifer@epa.gov

CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: LILLY INDUSTRIAL COATINGS INC
Alias Address: Not reported
HOUSTON, AL
Alias Comments: Not reported
Site Description: "Per R4 Tribal Coordinator, Cindy J Nolan, in an email to Dawn Taylor on 7/20/11 - tag all the sites on or within 1 mile of tribal land as NAI "yes"; Cindy will inform the tribes that these CERCLIS sites are on or near their lands (as FYI) and that if we take any action or if there are any changes at the sites, we will be sure to keep them informed."

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 08/01/80
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE INSPECTION
Date Started: / /
Date Completed: 12/22/81
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/12/85
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE REASSESSMENT

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Date Started:	/ /
Date Completed:	09/28/09
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit:	SITEWIDE
Primary Responsibility:	State, Fund Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	03/14/2001
Facility name:	LILLY INDUSTRIAL COATINGS INC
Site name:	LILLY INDUSTRIES INC
Facility address:	1771 INDUSTRIAL RD DOTHAN, AL 36302
EPA ID:	ALD050983394
Mailing address:	200 W 103RD ST INDIANAPOLIS, IN 46290
Contact:	NASH BRIAN M
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(317) 814-8783
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/09/2000
Site name:	LILLY INDUSTRIAL COATINGS INC
Classification:	Unverified

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/10/1998
Site name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 06/27/1997
Site name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996
Site name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/14/1994
Site name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992
Site name: LILLY INDUSTRIES INC
Classification: Large Quantity Generator

Date form received by agency: 02/26/1990
Site name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 14-3-.03(5)(c)1.(i&ii)
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/1998
Date achieved compliance: 03/16/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.03(5)(a)4.
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/1998
Date achieved compliance: 05/15/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.03(5)(c)1.(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 02/27/1997
Date achieved compliance: 06/11/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.04(1)(b)
Area of violation: Generators - Records/Reporting
Date violation determined: 02/27/1997
Date achieved compliance: 06/11/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/18/1990
Date achieved compliance: 09/26/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/18/1990
Date achieved compliance: 09/26/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/13/1990
Date achieved compliance: 04/11/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/06/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/13/1990
Date achieved compliance: 04/11/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/06/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/09/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 02/09/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Evaluation lead agency: State

Evaluation date: 05/27/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 03/24/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 03/24/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/16/1998
Evaluation lead agency: State

Evaluation date: 02/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 02/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/16/1998
Evaluation lead agency: State

Evaluation date: 06/11/1997
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 06/11/1997
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 02/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 02/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 07/18/1990

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/26/1990
Evaluation lead agency: State

Evaluation date: 07/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/26/1990
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/11/1990
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/11/1990
Evaluation lead agency: State

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/10/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

FINDS:

Registry ID: 110000369048

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Alabama Permit Tracking - The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval and accounting functions and includes general data about facilities, their ADEM permits, and fees owed and paid.

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

HIST UST:

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20100
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	VWP NAPHTA
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20101
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	64742-88-7
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20102
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20103
Capacity:	16733
Install Date:	01/01/1968

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	XYLOL
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20104
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	64742-95-6
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20105
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	67-63-0
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20106
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	71-36-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20107
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	78-93-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20108
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	108-10-1
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20109
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	64742-89-8
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20110
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20111
Capacity:	16733
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	13128 69 10149
Site ID:	10149
Unique Tank Number:	20112
Capacity:	6000
Install Date:	01/01/1968
Compartments:	1
Tank Contents:	Not reported
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Bare Steel
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Other External Prot Pipe:	Not reported
Last Usage Date:	09/30/1997
Last Quantity:	0
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	Not reported
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1901-01-01
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1901-01-01
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1986-05-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	02/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	02/20/1996
Reg Bill Indicator:	No
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1998-09-30
Tank Add Date:	1988-09-30
User Who Added Tank:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	13128
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	1

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 2
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 3
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 4
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 5
Compliance AUST 18 R1: X

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 6
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 7
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 8
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 9
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 10
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 11
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 12
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 13
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

29
ESE
1/4-1/2
0.437 mi.
2306 ft.

PANTRY #3643 COWBOYS
4196 ROSS CLARK CIRCLE
DOTHAN, AL 30304

LUST **U003997565**
UST **N/A**
HIST UST
Financial Assurance

Relative:
Higher

Actual:
326 ft.

LUST:

Facility ID:	18670
Account Number:	22176
Owner Name:	THE PANTRY, INC.
Owner Address:	1801 DOUGLAS AVENUE
Owner City,St,Zip:	SANFORD, NC 27330
Incident Month/Yr:	12/07
Incident Number:	03
Searchable Incident Number:	UST071203
Cleanup Complete:	Yes

UST:

Owner:

Account number:	22176
Owner Name:	THE PANTRY, INC
Owner Address:	305 GREGSON DRIVE
Owner City/State/Zip:	CARY, NC 27511
Owner Phone:	9195661562
Fax Num:	8662893835
Owner Type:	Private
GSA Id:	Not reported
Owner Contact Name:	BRENT PUZAK
Owner Contact Phone:	9197746700
Paying Agency:	Not reported
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred To or Dup Of:	0
Date Exempt Trans or Dup:	Not reported
Exempt:	Not reported
Bad Address:	Not reported
Bad Address Comment:	brent puzak brent.puzak@thepantry.com
Total Sites:	115
Total Sites Owing This FY:	10170
Total Reg Tanks Owned:	339
Total Ins Tanks Owned:	335
Total Permanently Out Tanks:	81
Total Temp Closed Tanks:	4
Number of TDQ Tanks:	0
Number of Retired Tanks:	1
Number of Contested Tanks:	0
Number of Tanks in Tank File:	421
In Use Tanks Owner:	335
In Use Tanks Not In Compliance:	1
In Use Tanks In Compliance:	334
In Use Tanks Complying CPSO:	334

PANTRY #3643 COWBOYS (Continued) **U003997565**

Num Sites w/ all A Tank Comp CPSO:	110
Num Sites with GE 1 A Tank Comp CPSO:	111
In Use Tanks in Compliance Own:	335
Num Sites with GE 1 A Tanks:	111
Num Sites with All A Tanks in Compliance:	110
Num Sites with GE 1 A Tank in Compliance:	111
Num Sites with GE 1 A Tank Not in Compliance:	1
Num Sites w/ GE 1 A Tank Comp Lt:	111
Num Sites w/all A Tank Comp Lt:	111
Total Reg Due:	10170
Total Ins Due:	0
Total Due:	10170
Reg Tanks This fy:	339
Ins Tanks This fy:	182
Reg owed this fy:	10170
Ins owed this fy:	0
Total owed this fy:	112
T code:	T
Owner Add Date:	2005-04-25
Default Date:	Not reported
Owner packed for tracking:	22176
Owner phone packed for tracking:	Not reported
Owner city for tracking:	Not reported
Tanks not paid current:	0
Outstanding Enf:	Not reported
Number of above ground tanks:	1
Owner has TDQ:	Not reported
Owner has contested tanks:	Not reported
Fiscal billed owner:	83940
Fiscal reg paid owner:	83940
Fiscal ins paid owner:	0
Fiscal due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	76710
Amount applied from check logc:	76710
Amount on prev check log:	120
Number of checks in prev log:	1
Fiscal this year:	10290
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	-120
Dif from ow2toowc:	0
Dif ow 2 to owfisc check:	-120

Facility ID:	22176 69 18670
Site ID:	18670
Account No:	22176
Unique Tank Number:	51139
Capacity:	20000
Install Date:	2006-09-01
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Not reported
Piping Material of Construction:	Flexible

PANTRY #3643 COWBOYS (Continued) **U003997565**

Last Usage Date:	Not reported
Three Year CP Test Date:	Not reported
Three Year CP Test Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Yes
ATG:	Not reported
Continuous ATG:	Not reported
Secondary Containment:	Yes
Vapor:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	2014-05-05
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2014-05-05
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Yes
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Yes
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Yes
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	22176 69 18670
Site ID:	18670
Account No:	22176
Unique Tank Number:	49905
Capacity:	12000
Install Date:	2001-08-10
Compartments:	1
Tank Contents:	Premium Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Not reported
Piping Material of Construction:	Flexible
Last Usage Date:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Three Year CP Test Date:	Not reported
Three Year CP Test Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Yes
ATG:	Not reported
Continuous ATG:	Yes
Secondary Containment:	Not reported
Vapor:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	2014-05-05
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2014-05-05
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Yes
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Yes
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	22176 69 18670
Site ID:	18670
Account No:	22176
Unique Tank Number:	49906
Capacity:	20000
Install Date:	2001-08-10
Compartments:	2
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Not reported
Piping Material of Construction:	Flexible
Last Usage Date:	Not reported
Three Year CP Test Date:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Three Year CP Test Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Yes
ATG:	Not reported
Continuous ATG:	Not reported
Secondary Containment:	Yes
Vapor:	Not reported
Statistical Inv Reconciled:	Not reported
Annual Test Date:	2014-05-05
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2014-05-05
Vapor Monitoring:	Not reported
Sir 15:	Not reported
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Yes
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Yes
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	22176 69 18670
Site ID:	18670
Account No:	22176
Unique Tank Number:	49904
Capacity:	20000
Install Date:	2001-08-10
Compartments:	2
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Fiberglass/Plastic
Tank Corrosion Protection:	Not reported
Piping Material of Construction:	Flexible
Last Usage Date:	Not reported
Three Year CP Test Date:	Not reported
Three Year CP Test Date:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Yes
ATG:	Not reported
Continuous ATG:	Not reported
Secondary Containment:	Not reported
Vapor:	Not reported
Statistical Inv Reconciled:	Yes
Annual Test Date:	2014-05-05
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2014-05-05
Vapor Monitoring:	Not reported
Sir 15:	Yes
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Yes
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Yes
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

HIST UST:

Facility ID:	22176 69 18670
Site ID:	18670
Unique Tank Number:	49904
Capacity:	20000
Install Date:	08/10/2001
Compartments:	2
Tank Contents:	Unleaded Gasoline
Tank Usage:	Retail
Tank Construction Material:	Fiberglass/Plastic
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Flexible
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901

PANTRY #3643 COWBOYS (Continued) **U003997565**

Other External Prot Pipe:	Not reported
Last Usage Date:	01/01/1901
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1901-01-01
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	X
Tightness Test:	Not reported
Tightness Test Date 13:	2006-12-26
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	2006-01-31
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	2012-05-07
Automatic Shutoff Device:	X
Continous Alarm System:	X
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	X
Line Tight Test Date:	2013-01-22
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	ESTES EQUI
Position Title S Oath:	SALES REP
Company S Oath:	TERRY MIZE
Date Signed:	01/01/1901
Company Address S Oath:	PO BOX 718
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/12/2005
Reg Bill Indicator:	Yes
Ins Bill Indicator:	Yes
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	2001-12-04
User Who Added Tank:	JJD
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	22176
Year of Last Sir Report:	2012
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

PANTRY #3643 COWBOYS (Continued) **U003997565**

Facility ID:	22176 69 18670
Site ID:	18670
Unique Tank Number:	49905
Capacity:	12000
Install Date:	08/10/2001
Compartments:	1
Tank Contents:	Premium Gasoline
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Flexible
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Other External Prot Pipe:	Not reported
Last Usage Date:	01/01/1901
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1901-01-01
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	X
Tightness Test:	Not reported
Tightness Test Date 13:	2006-12-26
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes

PANTRY #3643 COWBOYS (Continued) **U003997565**

Date Annual Rpt Submitted:	2006-01-31
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	2012-05-07
Automatic Shutoff Device:	X
Continous Alarm System:	X
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	X
Line Tight Test Date:	2012-05-07
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Yes
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	01/01/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/12/2005
Reg Bill Indicator:	Yes
Ins Bill Indicator:	No
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	2001-12-04
User Who Added Tank:	JJD
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Account No:	22176
Year of Last Sir Report:	2012
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	22176 69 18670
Site ID:	18670
Unique Tank Number:	49906
Capacity:	20000
Install Date:	08/10/2001
Compartments:	2
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Flexible
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Other External Prot Pipe:	Not reported
Last Usage Date:	01/01/1901
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901
Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1901-01-01
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X

PANTRY #3643 COWBOYS (Continued) **U003997565**

Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	X
Tightness Test:	Not reported
Tightness Test Date 13:	2006-12-26
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	2006-01-31
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	P
Annual Test Date:	2012-05-07
Automatic Shutoff Device:	Not reported
Continous Alarm System:	X
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2012-05-07
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Company S Oath:	Not reported
Date Signed:	01/01/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	05/12/2005
Reg Bill Indicator:	Yes
Ins Bill Indicator:	Yes
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	2001-12-04
User Who Added Tank:	JJD
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	22176
Year of Last Sir Report:	2012
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	22176 69 18670
Site ID:	18670
Unique Tank Number:	51139
Capacity:	20000
Install Date:	09/01/2006
Compartments:	1
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	01/01/1901
Piping Material of Construction:	Flexible
Other Pipe Meets Compliance:	Not reported
Other Pipe:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Other External Prot Pipe:	Not reported
Last Usage Date:	01/01/1901
Last Quantity:	Not reported
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	01/01/1901
Bought Date:	01/01/1901

PANTRY #3643 COWBOYS (Continued) **U003997565**

Inert:	Not reported
Inert Date:	01/01/1901
CERCLA Substance Name:	Not reported
CAS Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1901-01-01
Other External Protection:	Not reported
Date Int Protection Installed:	01/01/1901
Date Int Protection Install:	1901-01-01
Three Year CP Review:	Not reported
Three Year CP Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
ATG:	Not reported
Continuous ATG:	X
Tightness Test:	Not reported
Tightness Test Date 13:	2006-12-26
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1901-01-01
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	P
Annual Test Date:	2012-05-07
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	2012-05-07
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	01/01/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	12/13/2006
Reg Bill Indicator:	Yes
Ins Bill Indicator:	Yes
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	2007-01-17
User Who Added Tank:	JJD
Bare Steel:	Not reported
Vapor:	Not reported
Cannot Locate:	Not reported
Account No:	22176
Year of Last Sir Report:	2012
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
A Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	22176
Site ID Number:	18670
Facility Contact:	RENEE THOMAS
Facility Contact Phone:	9197746700
Tank Number:	1

PANTRY #3643 COWBOYS (Continued) **U003997565**

Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 22176
Site ID Number: 18670
Facility Contact: RENEE THOMAS
Facility Contact Phone: 9197746700
Tank Number: 2
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 22176
Site ID Number: 18670
Facility Contact: RENEE THOMAS
Facility Contact Phone: 9197746700
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 22176
Site ID Number: 18670
Facility Contact: RENEE THOMAS
Facility Contact Phone: 9197746700
Tank Number: 4
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

30 West 1/4-1/2 0.458 mi. 2418 ft.

CITGO FOOD MART 115
2214 DENTON RD
DOTHAN, AL 36303

LUST **U001859354**
UST **N/A**
Financial Assurance

Relative: Lower

Actual: 316 ft.

LUST:

Facility ID:	12234
Account Number:	10037
Owner Name:	A. W. HERNDON OIL COMPANY, INC.
Owner Address:	P.O. BOX 640
Owner City,St,Zip:	ABBEVILLE, AL 36310
Incident Month/Yr:	08/13
Incident Number:	03
Searchable Incident Number:	UST130803
Cleanup Complete:	Not reported

UST:

Owner:

Account number:	24303
Owner Name:	KDV LLC
Owner Address:	345 ROBERTS RUN COVE
Owner City/State/Zip:	SUWANEE, GA 30024
Owner Phone:	3345965096
Fax Num:	Not reported
Owner Type:	Private
GSA Id:	Not reported
Owner Contact Name:	DINUBHAI G PATEL
Owner Contact Phone:	3345965096
Paying Agency:	Not reported
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred To or Dup Of:	0
Date Exempt Trans or Dup:	Not reported
Exempt:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	2
Total Sites Owing This FY:	240
Total Reg Tanks Owned:	8
Total Ins Tanks Owned:	7
Total Permanently Out Tanks:	0
Total Temp Closed Tanks:	1
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	8
In Use Tanks Owner:	7
In Use Tanks Not In Compliance:	0
In Use Tanks In Compliance:	7
In Use Tanks Complying CPSO:	7
Num Sites w/ all A Tank Comp CPSO:	2
Num Sites with GE 1 A Tank Comp CPSO:	2
In Use Tanks in Compliance Own:	7
Num Sites with GE 1 A Tanks:	2
Num Sites with All A Tanks in Compliance:	2
Num Sites with GE 1 A Tank in Compliance:	2
Num Sites with GE 1 A Tank Not in Compliance:	0

CITGO FOOD MART 115 (Continued) **U001859354**

Num Sites w/ GE 1 A Tank Comp Lt:	2
Num Sites w/all A Tank Comp Lt:	2
Total Reg Due:	240
Total Ins Due:	0
Total Due:	240
Reg Tanks This fy:	8
Ins Tanks This fy:	4
Reg owed this fy:	240
Ins owed this fy:	0
Total owed this fy:	2
T code:	T
Owner Add Date:	2013-11-27
Default Date:	Not reported
Owner packed for tracking:	24303
Owner phone packed for tracking:	Not reported
Owner city for tracking:	Not reported
Tanks not paid current:	0
Outstanding Enf:	Not reported
Number of above ground tanks:	0
Owner has TDQ:	Not reported
Owner has contested tanks:	Not reported
Fiscal billed owner:	240
Fiscal reg paid owner:	240
Fiscal ins paid owner:	0
Fiscal due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	240
Amount applied from check logc:	240
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	240
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow 2 to owfisc check:	0

Facility ID:	24303 69 12234
Site ID:	12234
Account No:	24303
Unique Tank Number:	272
Capacity:	10000
Install Date:	1983-01-01
Compartments:	1
Tank Contents:	Premium Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
Piping Material of Construction:	Fiberglass/Plastic
Last Usage Date:	Not reported
Three Year CP Test Date:	2011-01-31
Three Year CP Test Date:	2011-01-31
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes

CITGO FOOD MART 115 (Continued) **U001859354**

Alarm:	Not reported
ATG:	Not reported
Continuous ATG:	Not reported
Secondary Containment:	Not reported
Vapor:	Not reported
Statistical Inv Reconciled:	Yes
Annual Test Date:	2013-03-27
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Yes
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	24303 69 12234
Site ID:	12234
Account No:	24303
Unique Tank Number:	271
Capacity:	10000
Install Date:	1983-01-01
Compartments:	1
Tank Contents:	Mid-grade Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
Piping Material of Construction:	Fiberglass/Plastic
Last Usage Date:	Not reported
Three Year CP Test Date:	2011-01-31
Three Year CP Test Date:	2011-01-31
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported

CITGO FOOD MART 115 (Continued) **U001859354**

ATG:	Not reported
Continuous ATG:	Not reported
Secondary Containment:	Not reported
Vapor:	Not reported
Statistical Inv Reconciled:	Yes
Annual Test Date:	2013-03-27
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Yes
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

Facility ID:	24303 69 12234
Site ID:	12234
Account No:	24303
Unique Tank Number:	270
Capacity:	10000
Install Date:	1983-01-01
Compartments:	1
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
Piping Material of Construction:	Fiberglass/Plastic
Last Usage Date:	Not reported
Three Year CP Test Date:	2011-01-31
Three Year CP Test Date:	2011-01-31
Field Installed Cathodic:	Not reported
Catchment Basin:	Yes
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
ATG:	Not reported

CITGO FOOD MART 115 (Continued) **U001859354**

Continuous ATG:	Not reported
Secondary Containment:	Not reported
Vapor:	Not reported
Statistical Inv Reconciled:	Yes
Annual Test Date:	2013-03-27
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	Not reported
Vapor Monitoring:	Not reported
Sir 15:	Yes
Interstitial W2 Cont:	Not reported
Line Tight 3 Years Test Date:	Not reported
Check Valve:	Not reported
Gravity P:	Not reported
Bare Steel:	Yes
Vapor:	Not reported
Cannot Locate:	Not reported
Year of Last Sir Report:	2013
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Number Manifolds:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Leak Detection Device:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01

AL Financial Assurance:

Account Number:	10037
Site ID Number:	12234
Facility Contact:	BRUCE BEDSOLE
Facility Contact Phone:	3347946687
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	10037
Site ID Number:	12234
Facility Contact:	BRUCE BEDSOLE
Facility Contact Phone:	3347946687
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported

CITGO FOOD MART 115 (Continued) **U001859354**

Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 10037
Site ID Number: 12234
Facility Contact: BRUCE BEDSOLE
Facility Contact Phone: 3347946687
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

31
SSE
1/4-1/2
0.482 mi.
2544 ft.

COUCH,DOTHAN TRUCK OFF.(PIT A:DIESL) **LUST** **S106599188**
381 TWITCHELL RD (WAS =1020 TWITCH.) **N/A**
DOTHAN, AL

Relative:
Higher

Actual:
334 ft.

LUST:
Facility ID: 1885
Account Number: 11261
Owner Name: APAC SOUTHEAST INC
Owner Address: 381 TWITCHELL RD
Owner City,St,Zip: DOTHAN, AL 36303
Incident Month/Yr: 04/93
Incident Number: 16
Searchable Incident Number: UST930416
Cleanup Complete: Not reported

Facility ID: 1885
Account Number: 11261
Owner Name: APAC ALABAMA INC
Owner Address: P. O. BOX 8888
Owner City,St,Zip: DOTHAN, AL 36304
Incident Month/Yr: 04/93
Incident Number: 17
Searchable Incident Number: UST930417
Cleanup Complete: Yes

Facility ID: 1885
Account Number: 11261
Owner Name: COUCH INC
Owner Address: 381 TWITCHELL RD (WAS 1020 TWITCHLL)
Owner City,St,Zip: DOTHAN, AL 36303
Incident Month/Yr: 05/95
Incident Number: 06
Searchable Incident Number: UST950506
Cleanup Complete: Yes

Count: 19 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DOTHAN	S106343183	FLAV O RICH INC	RT 2 HODGESVILLE RD		LUST
DOTHAN	U003311607	TRI STATE MACHINE SHOP	RT 4 BOX 281	36303	AST
DOTHAN	U000005175	SPANISH ACRES MARTS INC	HWY 431 N	36303	HIST UST, Financial Assurance
DOTHAN	1000904503	DURDEN OUTDOOR DISPLAYS	HIGHWAY 431 NORTH	36303	RCRA-CESQG
DOTHAN	1000364090	CHARLES MANUFACTURING CO	HWY 52 E	36303	CERC-NFRAP, RCRA NonGen / NLR
DOTHAN	S102231487	CHAPMAN HOMES	HIGHWAY 52 EAST		LUST
DOTHAN	S112272512	BULLOCK COUNTY RD. 47 DRUMS	RR 6 BOX 18213/ACME ROOFING		SHWS
DOTHAN	U003204519	DHN RCAG	RT 6 PO BOX 208	36303	HIST UST, Financial Assurance
DOTHAN	U001861277	NEWSDEALER INC	HWY 84W	36303	HIST UST, Financial Assurance
DOTHAN	S106760653	WILLIFORD PROPERTY (& SEE MEGGS BP	NE CNR OATES ST & COTTONWOOD H		LUST
DOTHAN	S106919026	SUNSH JR (EZ SERVE) #4399	3178 W. HARTFORD HWY (HWY 52)		LUST
DOTHAN	S106599112	CSX TRANSPORTATION	HEADLAND AVE. & W. NORTH STREE		LUST
DOTHAN	1001404311	KMART	190 US HIGHWAY 441 NORTH	36303	RCRA NonGen / NLR, FINDS
DOTHAN	S102231848	JEFF GROCERY (HOME OIL)	HODGESVILLE HWY		LUST
DOTHAN	S106599239	RYDER TRUCK# 0684 &93-6-10	2010 KINSEY RD @ ROSS CLARK CI		LUST
DOTHAN	1000243653	BISHOP FABRICARE SERVICES	MONTGOMERY HWY N	36303	RCRA NonGen / NLR
DOTHAN	U001468502	ABANDONED SERVICE CENTER	ROSS CLARKE CIR	36303	HIST UST, Financial Assurance
DOTHAN	U003933465	FUEL 24 #1	234 ROSS CLARK CR CORNER 431 N	36303	HIST UST
KINSEY	U003311611	CITY OF KINSEY	RT 9 BOX 177 A	36303	AST

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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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.

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: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 04/08/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

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: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

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: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

HWS DETAIL: Alabama Hazardous Substance Cleanup Fund Annual Report

The Alabama Hazardous Substance Cleanup Fund (AHSCF) was established in 1989 by act of the Alabama Legislature (Code of Alabama 1975, ?22-30A) to provide a mechanism for ADEM to investigate, remediate, and monitor hazardous substance sites. These sites may potentially endanger human health and the environment, but may not qualify to be addressed by other federal or state cleanup programs.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-271-7730
Last EDR Contact: 03/16/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

SHWS: Hazardous Substance Cleanup Fund
Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills
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: 06/29/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/09/2011
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 334-271-7730
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing
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: 03/02/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

LAST: List of AST Release Incidents
A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

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: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Information
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: 09/10/2014
Date Data Arrived at EDR: 09/12/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 35

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites
Aboveground storage tank locations.

Date of Government Version: 09/10/2014
Date Data Arrived at EDR: 09/12/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 35

Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

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: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

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: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

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: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of sites with engineering controls included in the Land Division Cleanup Program Inventory listing.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing

Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 06/17/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

AUL: Environmental Covenants

An environmental covenant is required for a site if the approved environmental response project plan places a land use control on the site because it is not being remediated to unrestricted use.

Date of Government Version: 02/26/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-279-3053
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
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: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Cleanup Program Inventory

Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing
A listing of Brownfields activities performed by ADEM.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 7

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

BROWNFIELDS 2: Directory of Brownfields Sites
The directory provides a brief look at sites being marketed as brownfields.

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 06/16/2011
Date Made Active in Reports: 07/26/2011
Number of Days to Update: 40

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling/Recovered Materials Processors Directory
A listing of recycling facilities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 14

Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern
Property boundary of the Redstone Arsenal facility.

Date of Government Version: 09/01/2008
Date Data Arrived at EDR: 09/24/2008
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 394

Source: Department of the Army
Telephone: 256-313-3255
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: No Update Planned

CDL: Clandestine Methamphetamine Lab Sites
Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 12/09/2010
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 02/28/2011
Number of Days to Update: 20

Source: Department of Environmental Management.
Telephone: 334-271-7700
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank Information
Storage tank sites removed from the UST database are added to the HIST UST database.

Date of Government Version: 09/10/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 9

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

Local Land Records

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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

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: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

SPILLS: Emergency Response Data
Incidents involving spills of oil and hazardous materials.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Other Ascertainable Records

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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

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: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Semi-Annually

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
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.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

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: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
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: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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

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: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

UIC: UIC Listing
A listing of underground injection control wells.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/05/2015
Number of Days to Update: 23

Source: Geological Survey of Alabama
Telephone: 205-247-3661
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

NPDES: NPDES Permit Listing
A listing of municipal and industrial permits issued by the Department of Environmental Management.

Date of Government Version: 04/05/2012
Date Data Arrived at EDR: 04/06/2012
Date Made Active in Reports: 04/25/2012
Number of Days to Update: 19

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner sites in the voluntary DERTF.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/05/2015
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 334-271-7703
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/24/2014
Number of Days to Update: 34

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

Financial Assurance: Financial Assurance Information Listing
Financial assurance information for underground storage tank 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: 11/25/2013
Date Data Arrived at EDR: 12/31/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 27

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 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
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

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: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

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: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

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.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
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.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites
A listing of coal ash disposal site locations.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/17/2009
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 334-271-7718
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

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

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Department of Environmental Management
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 Department of Environmental Management in Alabama.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Department of Environmental Management
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

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

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.
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.
Daycare Centers: Licensed Centers
Source: Department of Human Resources
Telephone: 334-242-1425

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TWITCHELL TECHNICAL PRODUCTS
4031 ROSS CLARK CIRCLE
DOTHAN, AL 36303

TARGET PROPERTY COORDINATES

Latitude (North):	31.2554 - 31˚ 15’ 19.44’’
Longitude (West):	85.4014 - 85˚ 24’ 5.04’’
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	652216.2
UTM Y (Meters):	3458824.2
Elevation:	322 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	31085-C4 MIDLAND CITY, AL
Most Recent Revision:	1981
South Map:	31085-B4 DOTHAN WEST, AL
Most Recent Revision:	1981

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

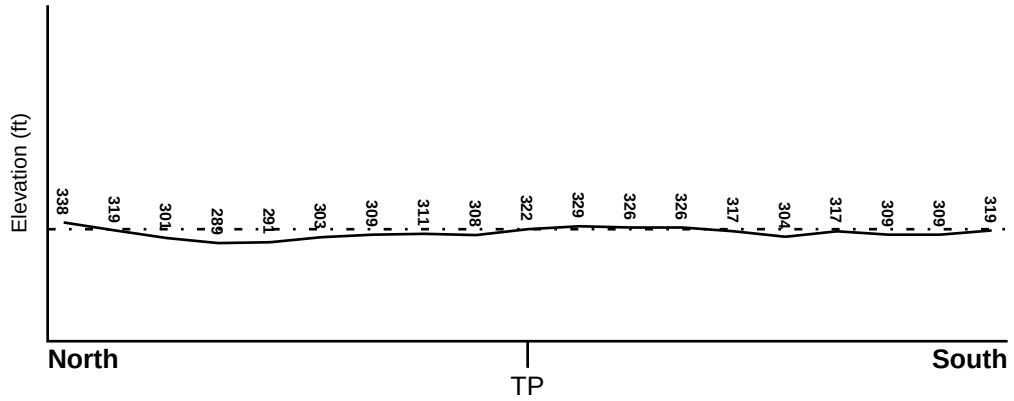
TOPOGRAPHIC INFORMATION

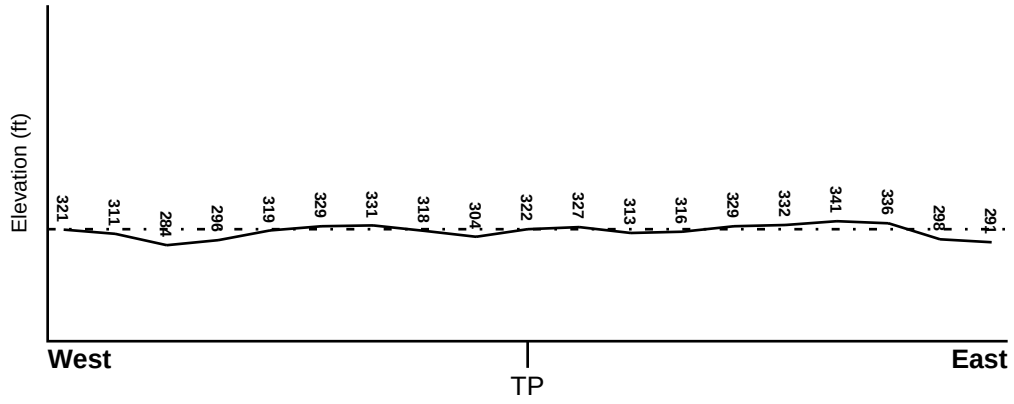
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 322 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
HOUSTON, AL	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 01069C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

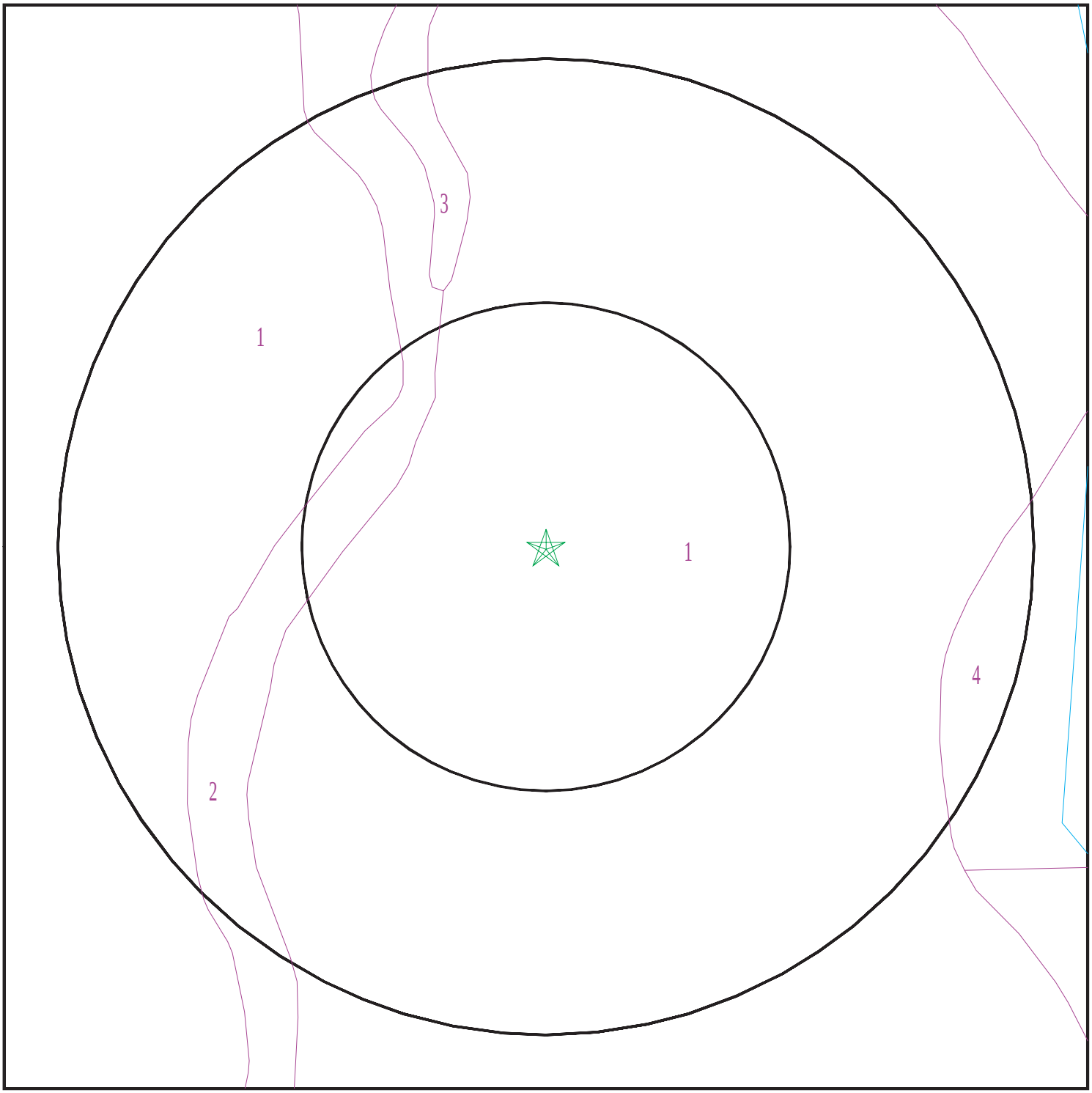
Era:	Cenozoic
System:	Tertiary
Series:	Eocene Claiborne Group
Code:	Te2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 4279750.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Twitchell Technical Products ADDRESS: 4031 Ross Clark Circle Dothan AL 36303 LAT/LONG: 31.2554 / 85.4014	CLIENT: Terracon, Inc. CONTACT: Tim Born INQUIRY #: 4279750.2s DATE: May 07, 2015 12:11 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 91 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Clarendon

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 4.5
2	14 inches	40 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
3	40 inches	79 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.5

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000001513	1/8 - 1/4 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

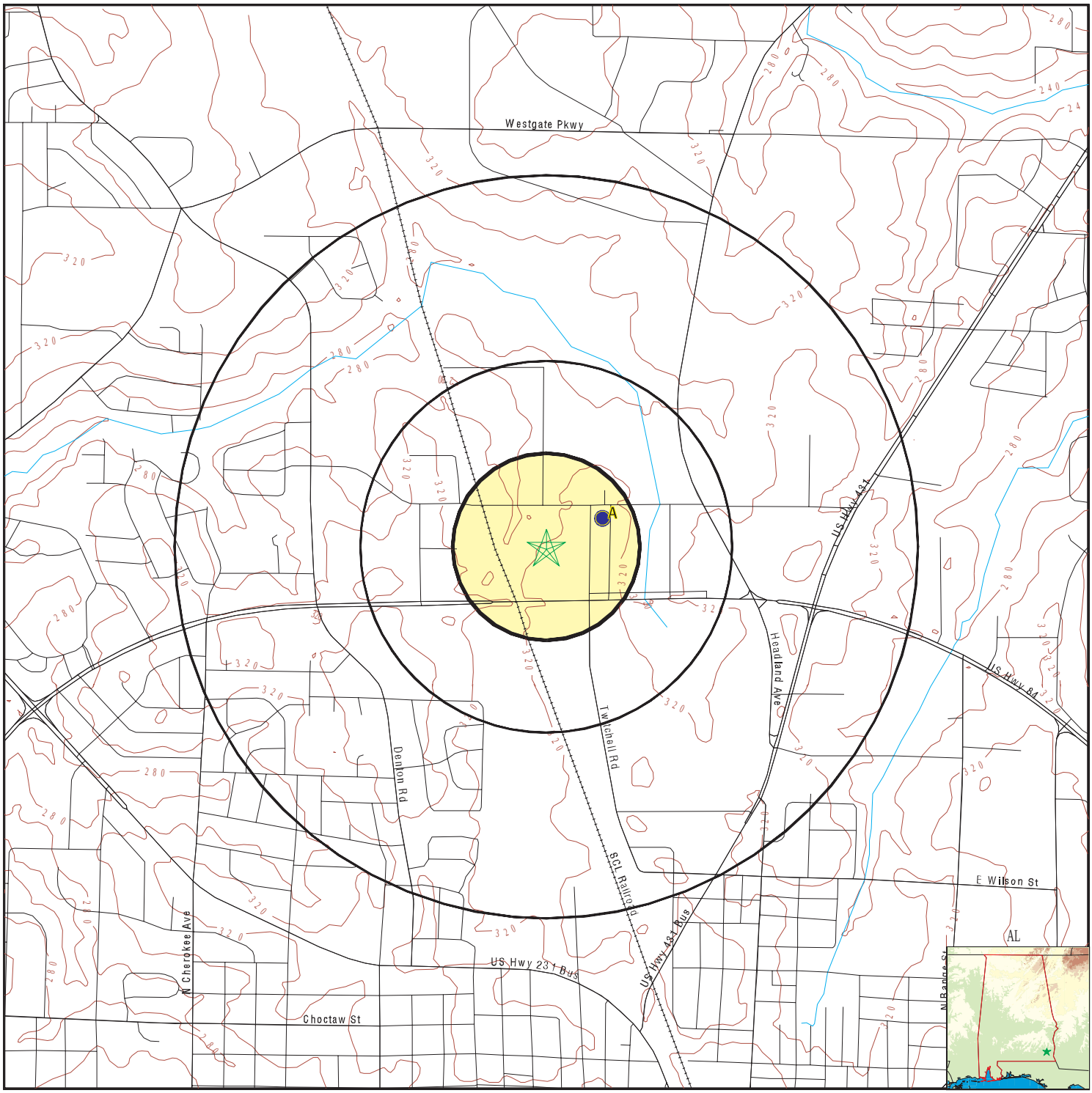
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	AL00000248	1/8 - 1/4 Mile ENE

PHYSICAL SETTING SOURCE MAP - 4279750.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
Oil, gas or related wells

N

SITE NAME: Twitchell Technical Products	CLIENT: Terracon, Inc.
ADDRESS: 4031 Ross Clark Circle Dothan AL 36303	CONTACT: Tim Born INQUIRY #: 4279750.2s
LAT/LONG: 31.2554 / 85.4014	DATE: May 07, 2015 12:11 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **ENE** **1/8 - 1/4 Mile** **Higher**	**AL WELLS**	**AL00000248**

Well ID:	681
SE ID:	19
System Name:	DOTHAN WATER DEPARTMENT
Source:	WELL 15 TWITCHELL RD.
GPS Update:	2/17/1995

A2 **ENE** **1/8 - 1/4 Mile** **Higher**	**FED USGS**	**USGS40000001513**

Org. Identifier:	USGS-AL		
Formal name:	USGS Alabama Water Science Center		
Monloc Identifier:	USGS-311523085235601		
Monloc name:	I-1 USGS 311523085235601 number 15		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	03140201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	31.2565635
Longitude:	-85.3985446	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	327.82
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Southeastern Coastal Plain aquifer system		
Formation type:	Tertiary System		
Aquifer type:	Confined multiple aquifer		
Construction date:	19610421	Welldepth:	724
Welldepth units:	ft	Wellholedepth:	733
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-01-26	295.00		1961-09-19	193.00	
1961-05	193				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: AL Radon

Radon Test Results

Num Tested	< 4 pCi/L	> 4 pCi/L	% > 4 pCi/L	Avg Level	Highest
74	68	6	8.11	1.71	12
74	68	6	8.11	1.71	12
74	68	6	8.11	1.71	12

Federal EPA Radon Zone for HOUSTON County: 3

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

Federal Area Radon Information for Zip Code: 36303

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.833 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: AL Radon
Source: Department of Public Health
Telephone: 334-206-5391
Short-Term Test Results for Alabama Counties

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX E
CREDENTIALS

TIMOTHY G. BORN
PROJECT SCIENTIST

PROFESSIONAL EXPERIENCE
Mr. Born is a project scientist in Terracon's Pensacola, Florida office. Mr. Born plans, schedules, and conducts detailed phases of scientific projects, including phase I and II environmental site assessments, preparing reports and making recommendations as necessary.

With over 20 years of experience in environmental management and technical affairs, Mr. Born has successfully completed projects involving research, proposal writing, budgeting, site assessment, compliance auding, soil and groundwater sampling, underground storage tank assessment (removal, remediation,and closure), monitoring well installations, hazardous material management, waste recovery and utilization, alternative energy research, contractor oversight, and report writing.

Mr. Born also has worked for over 10 years in higher education, developoing and teaching courses in environmental management, natural science and business.

Commercial

Environmental Assessment – Pensacola, Florida
As Project Scientist for Terracon, provides environmental site assessment (ESA), planning, scheduling, and conducting research, site reconnaissance, and report writing. With Terracon's digitally advanced tracking and reporting system, clients receive accurate and timely project completion.
Professional Services Completed: February 2015-Present

Higher Education

Departments of Math, Physics, Geology – Albany – New York
As Excelsior College adjunct faculty, provides online education in geology-related disciplines, including instruction in earth science and inroduction to oceanography.
Professional Services Completed: 2006-Present.

Higher Education

Departments of Environmental Management and Business – Orange Beach - Alabama
As Columbia Southern University adjunct faculty, provides online education in environmental management and business, including curriculum design, study-guide development, and instruction of environmental science, air quality, pollution prevention, solid waste management, environmental assessment, earth science, and business.
Professional Services Completed: 1999-2011/2014-Present

Education
Master of Science, Technology Management, Mercer University, 1997

Bachelor of Science, General Science, Troy State University, 1988

Registrations
Registered Environmental Manager: NREP, No. 9894

Certifications
40-Hour HAZWOPER

ASTM 1527-05 Phase I ESA

U.S. Army Corps of Engineers Wetland Delinator No. 584

FDEP Qualified Stormwater Management Inspector No. 30356

Affiliations
Florida Association of Environmental Professionals

Air & Waste Management Association

U.S. Green Building Council

Project Management Institute

Work History
Terracon Consultants, Inc., Project Scientist, February 2015-Present

Excelsior College, Instructor, Department of Math, Physics & Geology, 2006 – Present

Columbia Southern University, Instructor, Departments of Environmental Management and Business, 1999-2011 / 2014 – Present.

Born Consulting Services, Environmental Compliance & Higher Education Consultant, 1998-2008

University of Georgia Bio & Ag Engineering, Engineering Outreach Associate, 1996-1997

Amoco Corporation (ECOVA), Environmental Specialist, 1994-1995

Shield Environmental Associates, Staff Scientist, 1993-1994

Southern Pump & Tank Company (SPATCO), Staff Scientist, 1991-1993

Environmental Technology (Earth Tech), Sr. Technician, 1990-1991

Terracon

Commercial & Residential

Environmental Assessment and Consulting – Milton, Florida

As Born Consulting Services owner, projects included pollution prevention audits, environmental compliance auditing, soil and groundwater sampling, ecological evaluation, education, commercial facility assessment (dry cleaning and printing), soil and groundwater remediation, and educational consulting.
Professional Services Completed: 1998 - 2008

Higher Education

Department of Biological Agricultural Engineering – Athens, Georgia

As University of Georgia (UGA) Engineering Outreach Associate, developed and marketed an engineering outreach program for the forest product industry, initiating state solid waste plans and research for improved diversion and use of wood waste from landfills. While at UGA, conducted field investigations, departmental tours, and demonstrations in the following areas: by-product recovery and bioconversion in agricultural and animal industries; alternative fuel energy; water conservation and reuse via an on-campus 10 ton per day non-chlorine pulp bleaching plant; and pulp industry by-product technology. Also raised over $75 thousand in grant money while performing as liaison for the University of Georgia.
Professional Services Completed: 1996-1997

Commercial

Environmental Assessment and Remediation – Atlanta, Georgia

As Environmental Specialist and team leader for Amoco Corporations ECOVA division, co-achieved over $500 thousand in contract revenues during the first year of operations, scheduling, planning and conducting multiple UST retail gasoline environmental assessments and remediation projects, while also facilitating state trust fund enrollment to save the company over $50 thousand in environmental clean-up costs.
Professional Services Completed: 1994-1995

Commercial

Environmental Assessment and Remediation – Charlotte, North Carolina

As staff scientist for Shield Environmental, scheduled, planned and conducted various environmental assessment projects. Clients served included petroleum, chemical, and manufacturing facilities.
Professional Services Completed: 1993-1994

Commercial

Environmental Assessment and Remediation – Richmond, Virginia

As staff scientist for Southern Pump and Tank Company (SPATCO), scheduled, planned and conducted multiple environmental assessment projects. Clients served included petroleum, chemical, forest product, food, retail, manufacturing, mining, transportation, utility, university, private agencies and state and federal agencies.
Professional Services Completed: 1991-1993

Commercial

Environmental Assessment and Remediation – Richmond, Virginia

As senior technician, conducted and supervised cleanup activities and underground storage tank removal at multiple locations including Superfund sites. Responsibilities included heavy equipment operation, confined space entry, multi-drum bulking operations, on-site solidification, air and soil monitoring, waste disposal and hazardous waste transport oversight, anomaly investigations, lab pack preparations, and spill containment.
Professional Services Completed: 1990-1991

Presentations/Published Articles

Presentation: *Department of Environmental Studies, University of West Florida*, Fundamentals of Environmental Management: Professional Standards and Applications (1999).

Alternatives to Landfills for Wood Waste: Creating Regional Processing Facility in Central Georgia. University of Georgia, Athens, Georgia (1997).

Additional Training

OSHA 8 Hour HAZWHOPER Refresher, Safety Unlimited, Inc. March 2015

PAUL S. SAFKO, P.G.
DEPARTMENT MANAGER I- PROFESSIONAL

PROFESSIONAL EXPERIENCE

Mr. Safko has over 25 years of technical and managerial experience in environmental consulting including the performance of assorted soil and groundwater quality assessments utilizing state of the art investigative technologies; completion of multi-phased Environmental Site Assessments; preparation and review of regulatory notifications and permit applications; supervision of fuel storage tank removals, remedial actions, and compliance investigations; hazardous waste characterization/disposal; review and interpretation of analytical and hydrogeological data; and preparation and review of various technical reports. He has conducted environmental assessments and cleanups at numerous Brownfield-type sites, and has managed large-scale sampling events at Superfund sites. He has been involved in numerous landfill permitting/monitoring projects, RCRA Facility Investigations, and Corrective Measures projects.

SELECTED PROJECTS

- Managed assessment and cleanup of 30,000-gallon methanol release at wastewater treatment plant in northwest Florida. Groundwater recovery and treatment is ongoing.
- Evaluated petroleum impacts to the soil and groundwater discovered at Firefighting Training Area-Pensacola Naval Air Station. Performed expedited soil screening, groundwater sampling, and soil excavation and disposal.
- Prepared Spill Prevention Control and Countermeasures Plans and Stormwater Pollution Prevention Plans for a variety of sites throughout the southeastern U.S. including landfills, waste transfer stations, truck maintenance facilities, chemical storage sites, a military installation, and construction sites.
- Managed hundreds of Phase I, II, and III Environmental Site Assessments and Transaction Screens throughout the southeastern U.S. ranging from vacant lots to hazardous waste generating facilities.
- Conducted contamination assessment, risk assessment, groundwater pump tests, storage tank removals, remediation pilot studies and/or remedial actions at numerous sites throughout the southeastern U.S. including former pesticide mixing facilities, railroad yards, shooting ranges, wood treating facility, drycleaners, gas stations, manufacturing/industrial sites, DOD sites, etc.
- Managed a large mold investigation of a hurricane damaged condominium complex in Alabama. Performed expedited NPDES permitting for post-hurricane FEMA housing sites in Florida.
- Prepared semi-annual and 2-year monitoring reports for several landfill sites in northwest Florida. Also participated in performance review of ongoing groundwater remediation project at an active landfill site.

Education

Bachelor of Science, Geology, University of Florida, 1985

Master of Science, Geology, University of South Florida, 1989

Registrations

Licensed Professional Geologist:
Florida, Alabama, Mississippi

Certifications:

Certificate of Advanced Studies in Hydrogeology, University of S. Florida, 1988

OSHA Certified Hazardous Waste Worker (Hazwoper), 1988

OSHA Hazwoper 8-Hour Refresher Certifications (Updated Annually)

OSHA Certified Hazardous Waste Site Supervisor, 1989 (Updated 1997)

DOT Certified Hazardous Materials Manager, 1993 (Updated 1996)

FDEP Qualified Stormwater management Inspector No. 17584

Affiliations

Florida Association of Professional Geologists/AIPG (Founding Member and Former Regional Director)

Florida Association of Environmental Professionals

Air and Waste Management Association

Society of American Military Engineers

Rotary International

Work History

Gallet & Associates, Inc, A Terracon Company, Environmental Department Manager, 2009-Present

Gallet & Associates, Inc., Sr. Project Geologist/Environmental Manager, 1999-2009

HSW Engineering, Inc., Senior Hydrogeologist and Health & Safety Officer, 1994-1999

HSA Engineers and Scientists, Inc., Senior Geologist and Manager of Hydrogeological Operations, 1991-1994

Environmental Science & Engineering, Inc. (ESE), Project Geologist, 1989-1991

Delta Engineering, Inc., Geologist, 1987-1989

- Prepared and implemented Resource Conservation and Recovery Act (RCRA) Facility Investigation Work Plans, Risk Assessments, and Corrective Action Work Plans for numerous sites at the Kennedy Space Center and Cape Canaveral Air Station, Florida. Sites included shuttle and rocket launch facilities, heat generating plants, oil/water separator sites, and fuel storage tanks sites.
- Managed compliance audit of chemical storage tanks at Department of Energy (DOE) Facility in Orlando, Florida. Prepared annual groundwater quality monitoring reports for DOE facility in Oak Ridge, Tennessee. Also, functioned as the project manager for drilling activities at a DOE facility in Largo, Florida.
- Managed investigation and interim remedial actions at former transformer manufacturing plant in south Florida. Dealt with public health concerns including contaminated off-site potable wells and surface water bodies.
- Managed the construction, operation, and maintenance of soil and groundwater remediation systems at numerous petroleum contaminated sites located throughout the Tampa Bay, Florida area. Prepared Discharge Monitoring Reports (NPDES), remediation status reports, and remedial action plan modifications, as needed.
- Managed several large landfill monitoring projects in the Tampa Bay area involving the coordination of quarterly sampling of groundwater, surface water, leachate, sediments, and incinerator ash piles.
- Managed environmental investigation of an abandoned railroad port facility in southwest Florida contaminated with variety of fuel-related component, pesticides, and creosote. Located and removed 1,800 feet of product pipeline and four underground storage tanks. Contaminated soil was eventually treated through on-site incineration.
- Managed several remediation projects at large agricultural sites located throughout southwest Florida. Fuel storage tanks were removed and excessively contaminated soils were excavated and disposed of at off-site thermal treatment facilities. Drums of hazardous waste were characterized and transported off-site for disposal. Buried pesticide containers were excavated, decontaminated, and transported to a local landfill.
- Prepared and implemented groundwater monitoring plans for domestic and industrial effluent irrigation sites in southwest Florida.
- Supervised maintenance, sampling, and data analysis of a wetlands/stormwater monitoring system in southwest Florida. Produced quarterly and annual progress reports, and coordinated with regulatory officials regarding system design and performance.
- Coordinated wellfield mitigation project involving sinkhole investigations in southwest Florida. Evaluated soil borings and prepared long term monitoring plan.
- Managed annual reporting and permit renewal for peat mining operation in central Florida. Permit renewal required reapplication involving summary of all past and projected operations, economic and environmental impact assessments, and discussion of future site development/reclamation.

SELECTED PUBLICATIONS

- *Confined Spaces: A Commonly Overlooked Hazard*. P.S. Safko. Florida Specifier, Volume 19, Number 4, April 1997.
- *The Significance of Hydrogeological Parameters in Remedial Design and Performance Evaluation*. P.S. Safko. Presented at 1995 Florida Environmental Expo, September 20, 1995, Tampa, Florida.
- *A Preliminary Approach to the Use of Borehole Data, Including Television Surveys, for Characterizing Secondary Porosity of Carbonate Rocks in the Floridan Aquifer System*. P.S. Safko and J.J. Hickey. U.S. Geological Survey Water-Resources Investigation Report 91-4168, 1992.
- *Flagler Beach EM34-3 Conductivity Survey*. P.S. Safko and E.J. Ferris. University of South Florida Geophysical Research Project, 1988. Adapted for *Electromagnetic Mapping of Fresh-Water Lenses on Oceanic Islands*. M.T. Stewart. Ground Water, Volume III, 1988.

FRANK M. NOWICKI
SENIOR PROJECT PROFESSIONAL

PROFESSIONAL EXPERIENCE

Mr. Nowicki has more than 20 years of experience in environmental consulting. He has managed all aspects of numerous projects, with particular emphasis in the fields of site assessments and due diligence for mergers and acquisitions, environmental compliance auditing, and soil and groundwater remediation. He has served a wide variety of clients and industries, including law firms, commercial real estate investors, heavy equipment manufacturers, foundries, oil and gas producers and transmission companies, wood treating operations, minerals mining and processing, and petroleum distributors. He has managed projects throughout the United States (40 States plus Puerto Rico and the U.S. Virgin Islands) and in several countries, including Canada (4 Provinces), Mexico, England, Scotland, Germany, Norway, France, and Italy.

Environmental Site Assessments - Performed hundreds of ASTM standard Phase I Environmental Site Assessments as well as dozens of customized due diligence audits for mergers, joint ventures, acquisitions, and divestitures. M&A due diligence projects often involved the assessment of multiple industrial facilities for Fortune 500 clients. Duties involved all aspects of assessment, from site inspections to report preparation and subsequent implementation of associated Phase II investigations and evaluation of environmental liabilities and associated remediation costs.

Environmental Compliance Auditing - Performed environmental compliance audits of facilities in a variety of industries. Facilities have included: natural gas compressor stations; minerals mining and processing facilities for refractory brick manufacturers, lime producers, and drilling mud processors; pump, compressor, and turbine manufacturing plants; and heavy off-road equipment manufacturing facilities. Audits included a broad spectrum of environmental issues, including NPDES permitting, solid and hazardous waste management, wastewater permitting, UST and SPCC compliance, TSCA asbestos and PCB compliance, and air emissions permitting and monitoring.

Soil and Groundwater Assessment and Remediation – Evaluated site characteristics for the selection of appropriate remediation methods and systems, and prepared corrective action plans for soil and groundwater cleanup activities in accordance with CERCLA and RCRA, as well as various individual state programs (e.g., voluntary cleanup programs and UST programs). Managed the installation, operation and maintenance of various remediation systems.

Soil remediation projects have involved a variety of technologies, including: excavation and off-site disposal (ranging from surgical

Education
Bachelor of Science, Mechanical Engineering, Purdue University, 1979

Certifications
40-Hour HAZWOPER

Work History
Terracon Consultants, Inc., Senior Project Professional, 2009-Present

Gallet & Associates, Inc., Director of Environmental Services, 2008-2009 Senior Project Engineer, 2007 -2008

Williams Environmental Services/ELM Consulting, District Manager, Senior Engineer, Senior Consultant, 2002-2007

Environmental Management & Engineering, Inc., Vice President, Branch Manager, Senior Engineer, Staff Engineer, 1988-2002

excavation of a few cubic yards to larger excavations involving thousands of tons); on-site stabilization; ex-situ and in-situ enhanced bioremediation; excavation and aeration of volatile organic compounds within an emissions-controlled tent structure at a RCRA site; soil-vapor extraction (SVE); and site-specific risk-based corrective action.

Groundwater remediation projects have involved implementation of both active and passive remediation technologies, including: conventional pump and treat using activated carbon filtration; pump and treat using air stripping; removal and separation of light non-aqueous phase liquid (LNAPL) and dense non-aqueous phase liquid (DNAPL); enhanced bioremediation via injection of oxygen release compound (ORC), hydrogen release compound (HRC), and microbes/nutrients; air sparging; chemical oxidation via ozone sparging; and site-specific risk-based corrective action.

Spill Prevention Control and Countermeasure Plans – Conducted inspections of petroleum storage facilities and prepared SPCC plans in accordance with federal spill prevention regulations. Trained plant personnel responsible for routine inspections and record keeping.

NPDES Permitting – Completed the NPDES application and permitting process for individual process-water discharge permits as well as Notice of Intent (NOI) submittals for stormwater general permits. Prepared Stormwater Pollution Prevention Plans (SWPPP), Best Management Practices(BMP) Plans, and Discharge Monitoring Reports for a variety of industrial facilities. Performed effluent monitoring and outfall inspections.

Underground Storage Tank (UST) Closures – Performed various UST closure activities at dozens of sites, including: tightness testing of tanks and lines; tank removals; in-place tank closures; site investigations; and preparation and implementation of corrective action plans. Responsibilities also included preparation and submittal of trust fund reimbursement forms in accordance with various state program requirements.

Solid and Hazardous Waste – Conducted assessments of RCRA sites with numerous solid waste management units (SWMU's) and hazardous waste management units (HWMU's). Assisted with Part A and Part B permit applications for RCRA regulated facilities. Assisted plant personnel with properly characterizing and profiling facility waste streams.

Industrial Site Decommissioning – Prepared and implemented decommissioning and environmental investigation plans, as well as associated site remediation and closure activities for numerous industrial facilities in accordance with various state/provincial regulatory requirements, including Brownfield Redevelopment and Voluntary Cleanup Programs.

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	*Description*
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."

IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	*Description*
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1)due to any release to the environment; 2) under conditions indicative of a release to the environment. *De minimis* conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	*Description*
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generator.
SWF/LF	State and/or Tribal database of solid waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
AND
LIMITED COMPLIANCE REVIEW

TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE NW
DOTHAN, ALABAMA

PREPARED FOR:

TWITCHELL CORPORATION

URS JOB NO. 15262684
AUGUST 4, 2011

URS CORPORATION
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PHASE I
ENVIRONMENTAL SITE ASSESSMENT
AND
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Twitchell Corporation
4031 Ross Clark Circle NW
Dothan, Alabama

August 4, 2011

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EXECUTIVE SUMMARY

URS Corporation (URS) conducted a Phase I Environmental Site Assessment (ESA) and Limited Compliance Review (LCR) of the property addressed as 4031 Ross Clark Circle NW in Dothan, Houston County, Alabama (subject property). This Phase I ESA was conducted in accordance with URS' proposal to Twitchell Corporation (Twitchell), dated April 11, 2011, and in general conformance with the methods and procedures described in the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (Standard Designation E 1527-05), the United States Environmental Protection Agency (USEPA) 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries (AAI) Rule 2005-11-01.

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as the Twitchell Corporation. The property has been improved with six separate buildings associated with the Twitchell manufacturing facility. The 199,871-square foot Main Mill Building, constructed in the mid-1950s, houses offices and processes including coloring, yarn extrusion, knitting, beaming, finishing, and weaving. The 49,400-square foot Olefin Building, also constructed in the mid-1950s, houses processes including olefin, maintenance, quality control, sample storage, and a tool crib. A 33,000-square foot raw materials warehouse was constructed at the site in 1981. A 2,450-square foot Compounding Building, which houses the raw material compounding process, was constructed in 1987. A 49,415-square foot Coatings Building, constructed in the mid-1990s, houses the non-woven coating process and additional warehouse space. Finally, a 2,400-square foot, unpowered Equipment Storage Shed, constructed in 1992, stores retired and obsolete equipment from the on-site manufacturing processes.

Historical information was reviewed for the subject property dating back to 1948. Based on URS' review of available aerial photographs, the subject property was initially agricultural land. The subject property was developed with portions of the current on-site manufacturing facility in the 1950s, with facility expansions/additions in the 1980s and 1990s. According to information provided by the site contacts, the subject property was initially developed with the on-site manufacturing building in 1954. The facility initially produced knitted papers, and began producing PVC coated yarns in the late 1960s and early 1970s. Paper treatment on-site included the twisting and weaving of coated papers, utilizing a beef tallow based lubricant. Trichloroethylene (or potentially Tetrachloroethylene) was utilized to clean the looms, with on-site uses of solvents ceasing in the late 1980s or early 1990s when less hazardous materials were selected for cleaning purposes. The paper knitting operations moved to Mexico in the 1990s. Additional site history is presented in Section 5.0 of this report.

During the course of this Phase I ESA, three on-site Recognized Environmental Conditions were identified. However, no off-site Recognized Environmental Conditions were found in association with the subject property.

No evidence of current or former underground storage tanks (USTs) was observed at the subject property or reported by the regulatory database search. However, information provided by the site contacts indicated that two former diesel USTs were previously installed at the property, immediately adjacent to the southeastern corner of the Olefin Building. According to the records maintained by the facility representatives, the tanks consisted of a 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel tank, installed at the subject property in approximately 1956. The 10,000-gallon diesel fuel UST was removed from the ground in 1989, at which point five soil samples were collected from the tank pit floor and analyzed for "Petroleum Hydrocarbons." The laboratory results indicated levels of "Petroleum Hydrocarbons" between 11 and 33 parts per million (ppm). The 5,000-gallon diesel fuel tank was closed in 1989 and filled with sand to abandon in-place. No soil or groundwater sampling was conducted in association with the 5,000-gallon tank. A letter issued by the Alabama Department of Environmental Management dated January 25, 1989 acknowledges the closure of the former on-site USTs, and indicates requirements for the closure of "regulated" USTs. However, the former USTs were unregulated, and sampling requirements were not applicable. As such, the former USTs represent a Recognized Environmental Condition to the subject property.

Air compressors were observed in several enclosures throughout the subject property. Large compressors were observed on the western side of the Olefin Building, on the northern side of the Main Mill Building near the Tank Farm, and on the southern portion of the Coating Building. The compressors at the northern side of the Main Mill Building were observed with minimal staining on the concrete surface. However, blow-down water was observed to be discharged directly to the ground surface adjacent to the building, and areas of stained soils were observed. Following the site reconnaissance, the facility reportedly plumbed the compressors and blow-down water discharge into the sanitary sewer line such that they no longer discharge to the ground surface. As such, URS does not consider the staining observed to be "significant" and is not considered to represent a Recognized Environmental Condition to the subject property.

Various equipment drains and floor drains were observed throughout the subject property. According to the site representatives, all contact water and process water is discharged to the municipal sewer. Prior to plumbing the discharge points into the sanitary sewer discharge and scaling back facility production, the facility discharged industrial wastewater to an adjacent drainage ditch located on the western side of the subject property. Two drainage pipes were observed extending from the northwestern corner of the Main Mill Building to the drainage ditch. According to the site representative, the drainage pipes are not in use due to scaled down production or are connected to upstream floor drains that have been capped. According to information provided by the site representative, sampling was conducted of surficial soils in the drainage ditch in 2004, at the time the floor drains were capped. According to laboratory analytical results provided to URS for review, the soils were sampled in two locations at two depths each. The analytes evaluated were limited to arsenic, barium, cadmium, chromium, lead, selenium, and silver. Based on the historical use of the subject property for manufacturing purposes (since 1954), the limited sampling locations and analytical assessment of soils and groundwater at the outfall from the manufacturing facility, and the types of materials utilized historically in the manufacturing process

including chlorinated solvents and petroleum compounds, the industrial wastewater discharge to the on-site drainage ditch represents a Recognized Environmental Condition to the subject property.

One potential environmental concern was identified in association with on-site activities. A debris pile consisting of landscaping waste, a fallen tree, and various construction materials was observed on the western side of the subject property, adjacent to the drainage ditch. A limited area of stressed vegetation was observed between the debris pile and the wooded area immediately to the west. Based on the conditions observed during site reconnaissance, the waste pile and stressed vegetation represent a potential environmental concern to the subject property.

One potential environmental concern was identified in association with historical off-site activities. According to the Environmental Data Resources, Inc. (EDR) database report reviewed by URS, Couch Truck Office and Shop Storage (1020 Twitchell Road) is located immediately adjacent at the southeastern corner of the subject property. The facility was not identified during the site reconnaissance under the name Couch Truck Office and Shop Storage. As such, the location is identified as potentially being the Tony's Service Center, which was identified as 4038 Ross Clark Circle. According to the EDR report, the Couch Truck Office and Shop Storage had the following USTs installed: four 15,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; three 10,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; and, one 10,000-gallon and one 8,000-gallon unleaded gasoline UST installed in 1976 and removed from the ground in 1993. The facility is also identified on the Alabama Aboveground Storage Tank (AST) list with the following ASTs installed: three 10,000-gallon diesel ASTs installed in 1993 that are currently still in use; and one 10,000-gallon unleaded gasoline AST installed in 1993 that is currently still in use. Two releases are noted for the Couch Truck Office and Shop Storage facility, dated January and October 1993. The releases are identified as "Clean Up Complete", and no additional information is provided. Additionally, the Couch Truck Office and Shop Storage facility is identified on the Orphan list, for a release from the on-site ASTs (LAST list), dated August 2009. No additional information is provided regarding the LAST listing. Based on the unresolved LAST listing and presumed proximity to the subject property, it is URS' opinion that the Couch Truck Office and Shop Storage represents a potential environmental concern to the subject property. Additional research should be conducted to identify the exact location of the Couch Truck Office and Shop Storage facility, and the potential for on-site contamination re-evaluated when a correct location has been identified.

An asbestos survey of the subject property was not included in the scope of work for this ESA. However, based on the age of the building, asbestos containing materials are suspected. Suspect materials observed during the site reconnaissance included drywall and joint compound, acoustical ceiling tiles, floor tiles, spray-applied insulation, boiler breeching, and thermal system insulation (TSI). The site representative indicated that previous limited asbestos sampling was conducted periodically (as facility renovation and upgrades encountered potentially suspect materials), but that no documentation was available for review. Based on the age of the building and materials observed during site reconnaissance, URS recommends that an Operations and Maintenance management plan be maintained for asbestos management at the

subject property, and that a National Emissions Standard for Hazardous Air Pollutants (NESHAP) survey be conducted prior to future renovation or demolition activities.

The Limited Compliance Review (LCR) conducted at the facility identified a variety of findings regarding hazardous waste generation, oil storage, underground storage tanks, air emissions, wastewater, and stormwater regulatory compliance aspects. A discussion of the findings is included in Section 7. No single finding from the LCR exceeded a materiality threshold of $10,000US.

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1.0 INTRODUCTION

URS Corporation (URS) conducted a Phase I Environmental Site Assessment (ESA) and Limited Compliance Review (LCR) of the property addressed as 4031 Ross Clark Circle NW in Dothan, Houston County, Alabama (subject property). This Phase I ESA and LCR was conducted in accordance with URS' proposal to Twitchell Corporation (Twitchell), dated April 11, 2011, and in general conformance with the methods and procedures described in the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (Standard Designation E 1527-05), the United States Environmental Protection Agency (USEPA) 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries (AAI) Rule 2005-11-01.

1.1 OBJECTIVE

The objective of URS' Phase I ESA was to evaluate environmental concerns or issues that may be associated with the subject property. Such environmental concerns or issues are subsequently referred to in this report as a "Recognized Environmental Condition" in accordance with the ASTM Standard E 1527. A "Recognized Environmental Condition" is defined as:

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

1.2 SCOPE OF WORK

URS' Scope of Work for this assessment consisted of an evaluation of the subject property and nearby area, a review of historical information on activities at the subject property, review of readily available regulatory information concerning the subject property and other nearby properties of environmental concern, and preparation of a report detailing URS' results and conclusions. This environmental assessment was prepared in general conformance with the methods and procedures described in the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (Standard Designation E 1527-05), the United States Environmental Protection Agency (USEPA) 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries (AAI) Rule 2005-11-01.

Additionally, URS' Scope of Work includes a Limited Compliance Review (LCR) to understand the compliance status of the operation. This LCR focused on the following areas, to evaluate if programs are

in place or are required to be in place: material use, storage and handling; atmospheric emissions; wastewater and stormwater discharges; waste management; and, other environmental issues including ozone depleting substances, polychlorinated biphenyls, asbestos, etc. as applicable. The LCR consisted of the following tasks: reviewing existing permits; verifying that the facility has and maintains necessary permits; reviewing documented environmental programs; conducting a tour and observing the facility production and maintenance areas; and, interviewing with the site's environmental program manager. URS inquired about each of these programs, and obtained copies of permits and other supporting documents. URS reviewed on-site records for the prior year and current year.

2.0 SITE DESCRIPTION

Information concerning the subject property was obtained from a site reconnaissance conducted by Ms. Sarah Hibbs and Mr. Mark Robinson of URS on May 17 and 18, 2011. URS' Phase I ESA was limited to: visual observations of site conditions on the day inspected; review of readily available and relevant data; and statements made and information provided by the Client, its agents, outside parties, and regulatory agencies.

2.1 PHYSICAL LOCATION AND DESCRIPTION OF PROPERTY

The subject property consists of a 33.4-acre parcel of land located at 4031 Ross Clark Circle in Dothan, Houston County, Alabama. The site vicinity is primarily developed with commercial and industrial properties, and public highways and streets. A Site Location Map is provided as Figure 1, an Aerial Site Plan is provided as Figure 2, and an Aerial Site Layout is presented as Figure 3.

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as the Twitchell Corporation. The property has been improved with six separate buildings associated with the Twitchell manufacturing facility. The 199,871-square foot Main Mill Building, constructed in the mid-1950s, houses offices and processes including coloring, yarn extrusion, knitting, beaming, finishing, and weaving. The 49,400-square foot Olefin Building, also constructed in the mid-1950s, houses processes including olefin, maintenance, quality control, sample storage, and a tool crib. A 33,000-square foot raw materials warehouse was constructed at the site in 1981. A 2,450-square foot Compounding Building, which houses the raw material compounding process, was constructed in 1987. A 49,415-square foot Coatings Building, constructed in the mid-1990s, houses the non-woven coating process and additional warehouse space. Finally, a 2,400-square foot, unpowered Equipment Storage Shed, constructed in 1992, stores retired and obsolete equipment from the on-site manufacturing processes.

2.2 ENVIRONMENTAL SETTING

Environmental characteristics including topography, geology, and hydrogeology were evaluated based on site observations, published literature, and maps.

2.2.1 Topography

According to the USGS 7.5 Minute *Midland City, Alabama* topographic map (1981), the subject property is located at an approximate elevation of 330 feet above mean sea level (msl). The ground surface beneath the subject property slopes to the northeast, toward an unnamed intermittent stream tributary that extends northward from the subject property to Rock Creek. A review of topographical conditions indicates that the subject property is positioned on a local high-point, with areas sloping slightly radially outward from the subject property.

2.2.2 Soils

Based on a review of the United States Department of Agriculture (USDA), Web Soil Survey for Houston Counties, Alabama (2006), the soils of the property are primarily classified as Urban Land-Dothan Complex. The site soils are well drained, not flooded or ponded, and do not meet hydric criteria.

2.2.3 Geology and Hydrogeology

According to the *Physiographic Map of Alabama*, the subject property is situated in the Dougherty Plain region of the East Gulf Coastal Plain physiographic region.

Based on a review of the *Midland City, Alabama* (USGS 1981) topographic map, shallow groundwater in the area is likely to be found in the unconsolidated (overburden) sediments at an estimated depth of approximately 10 to 15 feet below grade, depending on seasonal precipitational variations. The groundwater flow direction in the surficial aquifer is generally a subdued reflection of the topography and is influenced by variations in soil permeability and nearby water bodies such as the lakes, ponds, and drainage ditches.

2.2.4 Wetlands and Floodplains

Based on URS' review of *US Fish and Wildlife Service National Wetland Inventory* (NWI) information contained in the Environmental Data Resources, Inc. (EDR) database report, no wetland areas were indicated on the subject property.

Based on a review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for the subject property area (Map Number 01069C0069F), the subject property is located in Zone X, outside of the 100- and 500-year flood zones.

2.2.5 Surface Water

No water bodies were identified on the subject property. However, limited site access was available to the wooded northwestern portion of the subject property, where an intermittent, unnamed stream is depicted on the topographic maps to traverse the subject property, flowing to the northwest toward Rock Creek. A drainage ditch extending from the subject property to the unnamed intermittent stream is discussed in detail in Section 3.3.7. Surface water runoff on the subject property is directed as sheet flow into landscaped areas and drainage swales/ditches.

3.0 SITE RECONNAISSANCE

URS conducted a site reconnaissance of the subject property on May 17 and 18, 2011. Weather conditions at the time of the reconnaissance were clear and warm. URS' site reconnaissance included a walking reconnaissance of the subject property and a drive-by survey of visible areas within a quarter-

mile radius of the subject property. Photographs taken during URS' site reconnaissance are provided in Appendix A.

3.1 CURRENT USES OF THE PROPERTY

The site consists of approximately 33.4 acres that has been developed with a coated fabrics manufacturing facility identified as the Twitchell Corporation. The property has been improved with six separate buildings associated with the Twitchell manufacturing facility. The 199,871-square foot Main Mill Building, constructed in the mid-1950s, houses offices and processes including coloring, yarn extrusion, knitting, beaming, finishing, and weaving. The 49,400-square foot Olefin Building, also constructed in the mid-1950s, houses processes including olefin, maintenance, quality control, sample storage, and a tool crib. A 33,000-square foot raw materials warehouse was constructed at the site in 1981. A 2,450-square foot Compounding Building, which houses the raw material compounding process, was constructed in 1987. A 49,415-square foot Coatings Building, constructed in the mid-1990s, houses the non-woven coating process and additional warehouse space. Finally, a 2,400-square foot, unpowered Equipment Storage Shed, constructed in 1992, stores retired and obsolete equipment from the on-site manufacturing processes. A description of the current on-site uses and manufacturing processes are included below.

Raw Materials Warehouse – Materials located in the warehouse include polyester (PE) yarn, polypropylene (PP) resin, polyethylene resin, biocide, lubricant, calcium carbonate, polyvinyl chloride (PVC) color concentrates, polypropylene color concentrates, and packaging materials. The warehouse is used strictly for storage of raw materials before use in production.

Compounding – Materials located in the compounding area include PVC resin, plasticizer, heat stabilizer, lubricant, biocide, UV stabilizer, calcium carbonate, and flame retardants. Raw materials are mixed in the compounding using a high intensity mixer resulting in a PVC compound. There are several different types of compound which are stored in silos within the compounding area. The compound stored in the silos is vacuumed to the color mixing area where color concentrates are added to the compound. Seven silos and aboveground storage tanks (ASTs) are located immediately outside of the compounding building, as follows: three 10,000-gallon plasticizer ASTs; two 5,000-gallon master batch (heat stabilizer) ASTs; and two PVC resin silos. The compounding facility was built and incorporated in 1987.

Dry Blend – Dry Blend is the department where color concentrates are added to the compound produced by the compounding department. The compound is vacuumed directly from the silos inside the compounding area into one of the two designated mixers. Once the color is added to the compound, it is transferred into a plastic box and stored until use in Extrusion. No raw materials are stored in the Dry Blend area. Color concentrates are ordered from the raw materials warehouse and resubmitted once the color has been mixed. The Dry Blend department began production in 1996.

Extrusion – The extrusion department takes the color compound produced by Dry Blend and extrudes a thin coating over polyester yarn. The color compound is transported to the extrusion department and is transferred into a large metal bin. There is a separate room on the side of Extrusion that is closed off and has two large dust collecting systems. This is where the colored compound is transferred from its plastic box to the large metal bin. The metal bin is placed behind the extrusion machine, which produces four yarns which are wound onto cardboard tubes. These tubes are then placed in boxes and stored until use in Beaming. There are twenty-nine (29) extrusion machines located in this department. Twitchell began production of yarns in 1971.

Beaming – The Beaming department takes the tubes of yarn made in Extrusion and puts them on creels. The creels are then attached to the beaming machines. The yarn is spun onto a beam, which makes up the warp for the waving machines. As the yarn is spun onto the beam, there is a bath of an emulsion-based lubricant that the yarns pass through. This emulsion is the only raw material stored and used in the Beaming department. There are eight beaming machines in this department. The Beaming department began production in 1971.

Weaving – Once a beam is made, it is transported to the Weaving department. The Weaving department takes the beam that has been made and pulls the warp through the machine. As the warp feeds through the machine, fill yarns are added creating a finished fabric. There are eighty-five (85) weaving machines located in the Weaving department. Twitchell began weaving at the current location in 1957.

Finishing – Once the fabric is woven, it is transported to the Finishing department. There are two finishing ranges located in the finishing department. The first machine is named the Marshall & Williams, and was installed in 1981. The woven fabric passes through the finishing frame and cooled before being rolled onto cardboard tubes. The Marshall & Williams has a scrubber located above the oven which works to remove all of the larger or heavy particles. A second machine, identified as the Babcock, was installed in 2001. The fabric passes through the frame in a similar manner, is cooled and rolled onto cardboard tubes. The Babcock has a scrubber, as well as a “Smog Hog,” attached to it. The Babcock’s scrubber also works to remove all of the larger or heavy particles. The Smog Hog’s function is to remove smaller particles once it has passed through the scrubber.

Olefin – In addition to PVC coated polyester fabrics, Twitchell also produces a polypropylene fiber fabric. The fiber is extruded in the Olefin department, which began operations in 1996. Polypropylene resin is vacuumed in from a silo directly into the extruder. A color concentrate is added to the resin at the extruder. Both the resin and color additive are in pellet form. Once the fiber is extruded, it is transferred to the texturizing machine. The texturizing machine combines two yarns together using air and water. There are three extrusion machines and two texturizing machines located within the Olefin department.

Profile Extrusion – The Profile Extrusion department was observed to be no longer present on-site, but replaced with additional warehouse area in the Coating Building at the time of URS’ reconnaissance. However, during operational activities on-site, Profile Extrusion was a department separate from the

Twitchell fabric making operation. PVC compound was extruded into various shapes and sizes, then sent out as a final product from this department. The PVC compound was transported pneumatically to the department and transferred into bins. Single color pigments were mixed in a small mixer with the PVC compound. The compound was then transferred from the mixer into a plastic box, and stored until extruded. Eight extrusion machines were associated with the Profile Extrusion department. Off quality products or scrap from the extrusion machine was ground into large pieces and re-extruded for use in some of the profile products. Profiles had two machines for grinding purposes. Profile Extrusion began operation in 2002, when the process was moved to the Dothan Facility (subject property) in 2002. Four silos were observed located outside of the former Profile Extrusion area, which at one time held PVC compound. However, based on the decreased production and lack of Profile Extrusion activity, the silos are no longer in use.

Coating – The Coating department receives non-woven materials, and extrusion coats the material with one of the following resins: polypropylene, polyethylene, polyurethane, or polyester. The non-woven passes through the machine, then the exudate comes from a sheet die and is bonded to the non-woven fabric. This fabric then passes through two chilled rollers and is wound onto cardboard tubes. There is only one extrusion coating machine located within the Coating department. Coating also has two slitters and a sheeter, which cut the fabric down to the size specified by the customer. In a separate room from the coating extrusion equipment is a laminator, which ultrasonically welds some of the non-woven goods together. Two silos are located outside of the Coating department, containing polypropylene resins used in the coating process. Coating began production between 1993 and 1994.

3.2 PAST USES OF THE PROPERTY

Historical information was reviewed for the subject property dating back to 1948. Based on URS' review of available aerial photographs, the subject property was initially agricultural land. The subject property was developed with portions of the current on-site manufacturing facility in the 1950s, with facility expansions/additions in the 1980s and 1990s. Additional site history is presented in Section 5.0 of this report.

3.3 SITE OBSERVATIONS

As previously described, the subject property is currently developed with six separate buildings associated with the Twitchell manufacturing facility, including the Main Mill building, Olefin building, raw materials warehouse, Compounding building, Coatings building, and an unpowered Equipment Storage Shed, as well as asphalt-paved parking/driveway areas and landscaped areas. Wooded, densely forested areas are present on the northwestern corner of the subject property, which were not accessible during site reconnaissance due to on-site conditions.

3.3.1 Hazardous Substances

Hazardous substances in the form of raw materials for the manufacturing process, maintenance materials, and cleaning materials were observed throughout the subject property during URS' site reconnaissance. In general, the observed hazardous substances were stored in manufacturer's containers in accordance with good housekeeping practices. No spills or releases were observed or reported in the area of the observed hazardous substances. Materials observed at the subject property were identified as follows:

Material	Volume/Quantity	Location
Gear Oil	One 55-gallon Drum	Raw Material Warehouse
Quadralube	One 55-gallon Drum	Raw Material Warehouse
Activex 7744	One 55-gallon Drum	Raw Material Warehouse
Sulfonated Castor Oil	One 55-gallon Drum	Raw Material Warehouse
Huby Tex	One 55-gallon Drum	Raw Material Warehouse
Cell Soak 380 N.F. Compound	Four 55-gallon Drums	Raw Material Warehouse
Finavestan U	Two 55-gallon Drums	Raw Material Warehouse
Lurol-PP-8126	Two 55-gallon Drums	Raw Material Warehouse
Tevesstic GT 32	One 55-gallon Drum	Raw Material Warehouse
Palatinol 911 P (Plasticizer)	One 55-gallon Drum	Raw Material Warehouse
Intercide ABF-5 (Biocide)	One 300-gallon Stainless Steel Tote	Raw Material Warehouse
Micropel 5E50	One 300-gallon Tote	Raw Material Warehouse
Akcrostab LT-4803	One 300-gallon Tote	Raw Material Warehouse
Zonyl 8142	One 55-gallon Drum	Raw Material Warehouse
Loxiol G71S	Two 55-gallon Drums	Raw Material Warehouse
Marlube X-5	Two 55-gallon Drums	Raw Material Warehouse
Plastistab 2299	Two 55-gallon Drums	Raw Material Warehouse
Unidentified Contents	One 55-gallon Drum (Black, Plastic Container)	Raw Material Warehouse
Toluene	Six 55-gallon Drums	Coating Building
Desmodurn 100	Three 55-gallon Drums	Coating Building
Used Oil	Two 55-gallon Drums	Drum Storage Shed – Outside of Containment
"Good Oil"- Compressor Lubricant	One 55-gallon Drum	Drum Storage Shed – Outside of Containment
Turbo – Industrial Parts Degreaser	One 30-gallon Drum	Drum Storage Shed – Outside of Containment
Used Oil	One 300-gallon Tote	Drum Storage Shed – Inside of Containment
Hill Industrial Parts Degreaser	One 30-gallon Drum	Drum Storage Shed – Inside of Containment
Mobilgear 630	One 55-gallon Drum	Drum Storage Shed – Inside of Containment

Material	Volume/Quantity	Location
Plasticizer Eastman 168	Three 10,000-gallon ASTs	Tank Farm
Akcrostab LT-4803 (Master Batch)	Two 5,000-gallon ASTs	Tank Farm
Turbo – Industrial Parts Degreaser	One 30-gallon Drum (Parts Washer Cabinet)	Forklift Charging Station, Exterior Breezeway
Ultima Synthetic Lubricant	One 55-gallon Drum	Air Compressor Area, Rear of Main Mill
Turbo – Industrial Parts Degreaser	One 30-gallon Drum (Parts Washer Cabinet)	Maintenance Shop
Mighty Mike (detergent)	One 55-gallon Drum	Maintenance Shop
Lurol 6638	One 300-gallon Tote	Olefin
Used Oil	One 55-gallon Drum	Coating Building – Outdoor compressor shed
76 Unax AW 68	One 55-gallon Drum	Coating Building – Outdoor compressor shed
Micropel 5ES0	One 300-gallon Tote	Compounding Building
Intercide ABF-5 – DIDP	Four 300-gallon Totes	Compounding Building
Plastistab 2299	One 55-gallon Drum	Compounding Building
Intercide ABF-5 (Biocide)	Three 300-gallon Stainless Steel Totes	Compounding Building
76 Extra Heavy Duty Gear Lube	One 55-gallon Drum	Yarn Extrusion
Huby Lubricant – Mineral Oil	One 55-gallon Drum	Knitting
Activex 7744	One 55-gallon Drum	Knitting
Finavestan U	One 55-gallon Drum	Weaving and Finishing
Cell Soak 380 NF Compound	Four 55-gallon Drums	Weaving and Finishing
Zonyl	One 55-gallon Drum	Weaving and Finishing
D-Limonene (Cleaning Solution)	Two 55-gallon Drums	Weaving and Finishing
76 Extra Heavy Duty Gear Lube	One 55-gallon Drum	Weaving and Finishing
Turbo – Industrial Parts Degreaser	Two 30-gallon Drums (Parts Washer Cabinets)	Weaving and Finishing – Auxiliary Maintenance Areas

Additionally, various paints, lubricants, solvents, and other cleaning and maintenance materials were observed throughout the property, in retail-sized containers.

No other hazardous substances were observed at the subject property.

3.3.2 Hazardous Wastes

The subject property is identified in the regulatory database report as registered as a "Conditionally Exempt Small Quantity Generator" of hazardous wastes. The wastes identified generated in the database report include arsenic, barium, lead, and non-chlorinated solvents. According to the site contacts, hazardous wastes are transported off-site for disposal by Safety-Kleen. During a review of waste manifests, no hazardous waste manifests were observed (only non-hazardous bills of lading). Waste

manifests for the on-site parts washer units were not available for review. A continued discussion regarding the disposal of hazardous wastes is included in Section 7.1.

3.3.3 Underground/Aboveground Storage Tanks

No evidence of current or former underground storage tanks (USTs) was observed at the subject property or reported by the regulatory database search. However, information provided by the site contacts indicated that two former diesel USTs were previously installed at the property, immediately adjacent to the southeastern corner of the Olefin Building. According to the records maintained by the facility representatives, the tanks consisted of a 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel tank, installed at the subject property in approximately 1956. The 10,000-gallon diesel fuel UST was removed from the ground in 1989, at which point five soil samples were collected from the tank pit floor and analyzed for "Petroleum Hydrocarbons." The laboratory results indicated levels of "Petroleum Hydrocarbons" between 11 and 33 parts per million (ppm). The 5,000-gallon diesel fuel tank was closed in 1989 and filled with sand to abandon in-place. No soil or groundwater sampling was conducted in association with the 5,000-gallon tank. A letter issued by the Alabama Department of Environmental Management dated January 25, 1989 acknowledges the closure of the former on-site USTs, and indicates requirements for the closure of "regulated" USTs. However, the former USTs were unregulated, and sampling requirements were not applicable. The letters do not represent a "No Further Action" statement, and as the tanks were unregulated, no such statement is expected. As such, the former USTs represent a Recognized Environmental Condition to the subject property.

As described in Section 3.1.1, five aboveground storage tanks (ASTs) are located at the subject property. The ASTs are located immediately west of the Compounding Building, located within secondary containment berms. The ASTs consist of two 5,000-gallon tanks installed in approximately 1987, one 10,000-gallon tank installed in approximately 1987, and two 10,000-gallon tanks installed in approximately 1993. The 5,000-gallon tanks contain plasticizer, and the three 10,000-gallon tanks contain a heat stabilizer identified as Akcrostab LT-4803 (Master Batch). The tanks appeared in good condition, with a fiberglass exterior wrap around the two 5,000-gallon ASTs. The containment basins were observed without drain valves, and no evidence of spills or release were noted within the basins.

In addition to the ASTs, ten silos are located on the subject property, located in outdoor areas. Five additional silos are located within the Compounding Building, for the storage of raw materials to be immediately used in the compounding process. Two PVC resin silos are located immediately west of the Compounding Building, containing PVC resins. Two polypropylene resin silos are located adjacent to the southeastern corner of the Coating Building, and one polypropylene resin silo is located adjacent to the exterior breezeway on the northern side of the main mill building. One empty is located on the southeastern corner of the Compounding Building, between the Compounding Building and the Main Mill Building. Finally, four empty silos are located on the western side of the Coating Building, associated with the former Profiling Extrusion operations that are no longer present on-site, and

previously held PVC Compound. No concerns were identified associated with the silos on the subject property.

3.3.4 Drums and Containers

Numerous drums and totes were observed throughout the subject property, the contents and locations of which were previously discussed in Section 3.3.1. The drums were generally observed without secondary containment, but no evidence of spills or release was noted during URS' site reconnaissance. A containment basin was observed associated with the drum shed in the central portion of the subject property. Retail-sized containers of cleaning chemicals were observed in the tenant spaces on the subject property. Observations regarding chemical-containing containers were previously discussed in Section 3.3.1.

3.3.5 PCB-Containing Equipment

Two hydraulic-powered compactor units were observed on the subject property. One was located at the northeastern corner of the Coatings Building, and the second was observed adjacent to the outdoor breezeway immediately east of the Compounding Building. Three cardboard bailers were also observed at the property. One bailer was observed adjacent to the compactor east of the Compounding Building, and the other two were located indoors in the Coatings Area and in the Yarn Extrusion Area. The hydraulic reservoirs associated with these units were observed in good condition, with no evidence of spills or releases observed at the compactor or bailer reservoirs.

Air compressors were observed in several enclosures throughout the subject property. Large compressors were observed on the western side of the Olefin Building, on the northern side of the Main Mill Building near the Tank Farm, and on the southern portion of the Coating Building. Staining was observed on the concrete pad beneath the compressors at the Olefin Building. The staining was observed to be limited in nature, and considered a *de minimis* condition. The site contacts indicated that the blow-down water from these compressors was plumbed into the sanitary sewer lines. The compressors at the northern side of the Main Mill Building were observed with minimal staining on the concrete surface. However, blow-down water was observed to be discharged directly to the ground surface adjacent to the building, and areas of stained soils were observed. Following the site reconnaissance, the facility reportedly plumbed the compressors and blow-down water discharge into the sanitary sewer line such that they no longer discharge to the ground surface. As such, URS does not consider the staining observed to be "significant" and is not considered to represent a Recognized Environmental Condition to the subject property.

Limited hydraulic-powered equipment was identified by the site representatives associated with the manufacturing process. The equipment identified has been installed more recently, and is not suspected to have PCB-contaminated hydraulic fluid.

URS observed sixteen pole-mounted electrical transformers and seven pad-mounted electrical transformers located on the subject property. No labeling as to PCB content was observed on the transformers. No signs of leakage (staining or discoloring of the pad and adjacent soils, or distressed vegetation) were noted during the site reconnaissance associated with the transformers. The transformers are reportedly owned and maintained by Dothan Utilities, which retains responsibility for remediation associated with the release of dielectric fluids from its equipment. Based on site observations and the assumed liability by Dothan Utilities for its electrical equipment, it is URS' opinion that the electrical transformers do not represent an environmental concern to the subject property.

3.3.6 Solid Waste

Solid waste generated at the subject property consists of office-type waste including office paper, general packaging, and restroom wastepaper, and manufacturing waste including selvedges, off-specification product, and other wastes from the manufacturing process.

In addition to the two compactor units described in Section 3.3.5, URS observed five regularly serviced solid waste dumpsters located on the subject property. The dumpsters are owned and serviced by Waste Management. No indications of hazardous materials, biohazardous materials, or petroleum products being deposited in these dumpsters/compactor were observed. Based on site observations, it is URS' opinion that the solid waste dumpsters do not represent an environmental concern to the subject property.

Additionally, a debris pile consisting of landscaping waste, a fallen tree, and various construction materials was observed on the western side of the subject property, adjacent to the drainage ditch. A limited area of stressed vegetation was observed between the debris pile and the wooded area immediately to the west. Based on the conditions observed during site reconnaissance, the waste pile and stressed vegetation represent a potential environmental concern to the subject property.

3.3.7 Drains and Sumps

Various equipment drains and floor drains were observed throughout the subject property. According to the site representatives, all contact water and process water is discharged to the municipal sewer, which is permitted under a State Indirect Discharge Permit (Permit Number: IU 32 35 00012). A continued discussion of the site's State Indirect Discharge Permit is included in Section 7.5.

Prior to plumbing the discharge points into the sanitary sewer discharge and scaling back in facility production, the facility discharged industrial wastewater to an adjacent drainage ditch located on the western side of the subject property. Two drainage pipes were observed extending from the northwestern corner of the Main Mill Building to the drainage ditch. According to the site representative, the drainage pipes are not in use due to scaled down production or are connected to upstream floor drains that have been capped. According to information provided by the site representative, sampling was conducted of surficial soils in the drainage ditch in 2004, at the time the floor drains were capped. According to

laboratory analytical results provided to URS for review, the soils were sampled in two locations at two depths each. The analytes evaluated were limited to arsenic, barium, cadmium, chromium, lead, selenium, and silver. Based on the historical use of the subject property for manufacturing purposes (since 1954), the limited sampling locations and analytical assessment of soils and groundwater at the outfall from the manufacturing facility, and types of materials utilized historically in the manufacturing process including chlorinated solvents and petroleum compounds, the industrial wastewater discharge to the on-site drainage ditch represents a Recognized Environmental Condition to the subject property.

3.3.8 Wastewater

Process wastewater generated at the subject property is discharged to the sanitary sewer system. Sanitary wastewater is reportedly discharged to the City of Dothan sanitary sewer system. Evidence of a current or former septic system at the subject property was not observed or reported. A discussion of the concerns regarding on-site discharge of industrial wastewater is included in Section 3.3.7, and a discussion of the facility's State Indirect Discharge Permit is included in Section 7.5.

3.3.9 Wells

No indications of existing water supply wells were observed or reported on the subject property during URS' site reconnaissance. A water supply well was observed on an adjacent property at the northeastern corner of the subject property. The well is reportedly owned and operated by the City of Dothan. Additionally, a water tower is also located immediately adjacent to the northeastern corner of the subject property.

3.3.10 Pits, Ponds, and Lagoons

No pits, ponds, and lagoons associated with waste discharges were observed on the subject property at the time of the site reconnaissance.

3.3.11 Asbestos

An asbestos survey of the subject property was not included in the scope of work for this ESA. However, based on the age of the building, asbestos containing materials are suspected. Suspect materials observed during the site reconnaissance included drywall and joint compound, acoustical ceiling tiles, floor tiles, spray-applied insulation, boiler breeching, and thermal system insulation (TSI). The site representative indicated that previous limited asbestos sampling was conducted periodically (as facility renovation and upgrades encountered potentially suspect materials), but that no documentation was available for review. Based on the age of the building and materials observed during site reconnaissance, URS recommends that the property management company maintain an Operations and Maintenance management plan for asbestos management at the subject property, and that a National Emissions Standard for Hazardous Air Pollutants (NESHAP) survey be conducted prior to future renovation or demolition activities.

3.3.12 Other Physical Evidence of Contamination

No other physical evidence of potential environmental contamination was observed on the subject property at the time of URS' site visit.

4.0 ADJOINING AND SURROUNDING LAND USE

URS performed a visual reconnaissance of readily visible areas of adjacent properties. The following description of the current uses of adjoining properties and surrounding properties of potential environmental concern is based on URS' observations on the date of the reconnaissance.

4.1 CURRENT USES OF ADJOINING PROPERTIES

The subject property is bordered to the north by Murray Road, to the west by the Seaboard Coast Line Railroad, to the south by Ross Clark Circle, and to the east by Twitchell Road. Industrial and commercial properties are present to the north of Murray Road, including Ansell Healthcare Products manufacturing facility, the former Dunbarton manufacturing facility, and commercial properties including ITS, Bobcat, and Rexel Southern. A City of Dothan maintained water tower and a water withdrawal well are located at the northeastern corner of the subject property. Commercial properties immediately east of the subject property include the Allied/Covan truck/trailer maintenance and repair facility, a construction business, and Tony's Service Center truck repairs. A power substation is located at the southwestern corner of the subject property. Commercial properties, including a flooring sales business and hotel are located immediately south of the subject property, beyond Ross Clark Circle. Along Rogers Road, a LaFarge concrete batch plant, Conway Transportation business, and a facility identified as Industrial Chemicals Inc. are identified, located to the west of the subject property beyond the Seaboard Coast Line Railroad tracks. Finally, a vacant commercial building is located at the northwestern corner of the subject property.

4.2 SURROUNDING PROPERTIES OF POTENTIAL ENVIRONMENTAL CONCERN

Visual inspection of observable areas of surrounding properties identified the former Dunbarton facility (872 Murray Road), Ansell Healthcare (1635 Industrial Road), and Allied/Covan Moving Company (109 Loftin Road) as properties of potential environmental concern to the subject property. Additional discussion of these facilities is presented in Section 6.1.

5.0 HISTORICAL SITE AND SURROUNDING PROPERTY CONDITIONS

The history of land use on and in the vicinity of the subject property was determined from interviews with site personnel, and a review of available historical aerial photographs, historical topographic maps, historical Sanborn fire insurance maps, previous environmental reports, and other documents referenced in Section 8.0 of this report.

5.1 INTERVIEWS

Ms. Sarah Hibbs and Mr. Mark Robinson of URS conducted a reconnaissance of the subject property on May 17 and 18, 2011. Access to the property was provided by Mr. Tim Gilmore, Vice President Operations, and Ms. Gena Webb, R&D Engineer, with Twitchell Corporation. Information concerning the subject property was provided by Ms. Webb and Mr. Gilmore.

According to information provided by the site contacts, the subject property was initially developed with the on-site manufacturing building in 1954, and was previously undeveloped. The facility was initially producing knitted papers, and began producing PVC coated yarns in the late 1960s and early 1970s. Paper treatment on-site included the twisting and weaving of coated papers, utilizing a beef tallow based lubricant. Trichloroethylene (or potentially Tetrachloroethylene) was utilized to clean the looms, with on-site uses ceasing in the late 1980s or early 1990s when less hazardous materials were selected for cleaning purposes. The paper knitting operations moved to Mexico in the 1990s.

5.2 AERIAL PHOTOGRAPHS

Historical aerial photographs covering the site for the years 1948, 1961, 1966, 1979, 1981, 1986, 1992, 1997, and 2007 were reviewed to identify potential sources of visible contamination at the time the photographs were taken. The photographs were obtained from Environmental Data Resources, Inc. (EDR). The following information was obtained from the review of these photographs:

Year	Interpretation
1948	The subject property and surrounding properties appear to be utilized as agricultural land. The railroad line is visible immediately west of the subject property, and a forested riparian border is visible along a streambed that traverses the northwestern corner of the subject property. A roadway is visible in the approximate location of Murray Road, immediately north of the subject property.
1961	Portions of the current on-site manufacturing facility have been constructed at the facility, including the central portion of the main mill building and portions of the olefin building. The rail spur has been constructed extending from the main rail line in its current position. Twitchell Road has been constructed immediately east of the subject property, and commercial development is visible immediately west of the subject property beyond the rail line. The Ross Clark Circle roadway has been constructed immediately south of the subject property, with additional commercial/industrial development visible to the south. Remaining surrounding areas remain utilized for agricultural purposes.

Year	Interpretation
1979	Due to resolution and scale of the photograph, limited information is available. However, the on-site manufacturing buildings appear to have expanded and the raw materials warehouse building is visible. Dense commercial and industrial type development is visible immediately to the north, east, and west of the subject property. A cleared area is visible in the location of the power substation on the southwestern corner of the subject property.
1981 1986 1992	The subject property appears to remain developed as previously described, with portions of the current on-site manufacturing facility. Industrial development is visible to the north of the subject property, beyond Murray Road, and commercial/industrial development is visible to the east and west of the subject property. The water tower is visible in the northeastern corner of the subject property and commercial development is visible south of Ross Clark Circle in the 1992 aerial photograph.
1997	The subject property appears developed in its current condition, with the Coatings Building constructed on the western side of the manufacturing plant. Surrounding areas remain developed as previously described, in their current condition.
2006	The subject property and surrounding properties appear to be developed as current.

5.3 CHAIN-OF-TITLE

A chain-of-title report was not included in the scope of work for this Phase I ESA. According to the information presented in the NETR Lien Search Report procured by URS, the subject property is currently owned by Twitchell Corporation. The deed is a general warranty deed dated June 11, 1997, granted from Ludlow Corporation.

5.4 CITY DIRECTORIES

According to the EDR City Directory Abstract report, the subject property address (4031 Ross Clark Circle) was listed in the 1970, 1976, 1996, and 2001 directories as Twitchell Corporation, and is identified as a “textile manufacturing” facility.

Nearby and adjacent properties were identified in the city directories as follows: 109 Lofton Road is identified as Coleman American Moving Services, Covan Worldwide Moving, and Eagle Adjustment Company in the 1996 through 2011 directories; 609 Rogers Road is identified as Industrial Chemical Inc. in the 1996 through 2011 directories; and 611 Rogers Road is identified as Concrete Inc. or LaFarge Concrete in the 1986 through 2011 directories. The Coleman American Moving Services at 109 Lofton Road was identified as a potential environmental concern, and is further discussed in Section 6.1 of this report. No additional environmental concerns were identified.

5.5 TOPOGRAPHIC MAPS

Historical topographic maps covering the site for the years 1969 and 1981 were reviewed to identify potential sources of visible contamination at the time the maps were issued. The maps were obtained from EDR. The following information was obtained from the review of these maps:

Year	Interpretation
1969	The subject property is depicted with portions of the main mill building and the olefin building constructed. Railroad spur lines are visible extending onto and traversing the subject property from a main railroad line along the western property boundary. Ross Clark Circle and a roadway in the current location of Murray Road are shown to the south and north of the subject property, respectively. Commercial buildings are depicted east of the subject property, and west of the subject property beyond the main railroad line. An intermittent, unnamed stream is shown traversing the northwestern corner of the subject property, and a wetland area is depicted to the southeast beyond Ross Clark Circle.
1981	The subject property is depicted with the main mill building expanded, and the raw materials warehouse constructed. The water tower is shown in the northeastern corner of the subject property. Increased commercial and industrial development is depicted in the surrounding properties, including industrial facilities to the northwest of the subject property in the location of the former Dunbarton facility and the current Ansell Healthcare Products.

5.6 SANBORN FIRE INSURANCE MAPS

Sanborn fire insurance maps are not available for the area covering the subject property.

5.7 CLIENT-PROVIDED INFORMATION

As part of AAI, additional inquiries are made by the environmental professional (URS) to the user (Twitchell Corporation) for the required user information. These inquiries include:

- Identification of environmental cleanup liens against the subject property;
- Specialized knowledge or experience regarding the subject property;
- Relationship of the purchase price to the fair market value if the subject property was not contaminated;
- Commonly known or reasonably ascertainable information regarding the subject property; and,
- Degree of obviousness of the presence or likely presence of contamination at the subject property.

URS received a completed User Questionnaire from Mr. Tim Gilmore, Vice President of Operations with Twitchell Corporation, on July 21, 2011. Purchase of an Environmental Lien Search Report for the subject property was included in the scope of work for this Phase I ESA. The results of the review of the Client-provided information are presented below:

<u>Identification of Environmental Cleanup Liens against the Subject Property</u>
URS was contracted to obtain an Environmental Lien Search Report for the subject property. According to the NETR Environmental Lien Search Report, no environmental liens or other activity and use

limitations were identified for the subject property.

Specialized Knowledge of User

Mr. Gilmore reported no specialized knowledge related to the subject property other than what was reported in previous environmental reports.

Relationship of Purchase Price to Fair Market Value

Mr. Gilmore stated that the transaction was a transfer of assets from one entity to another, and that no purchase or other monetary consideration was associated with this transaction.

Commonly Known/Reasonably Ascertainable Information

Mr. Gilmore reported no additional commonly known/reasonably ascertainable information related to the subject property that would help URS identify environmental conditions.

Presence or Likely Presence of Contamination at the Subject Property

Mr. Gilmore stated that, based on his knowledge and experience related to the property, there are no obvious indicators that point to the presence or likely presence of contamination at the property.

Based on URS' review of the User Questionnaire, no environmental liens or other environmental encumbrances were identified for the subject property.

5.8 DATA GAPS

Historical data gaps identified during URS' review of historical use of the subject property included the following:

- During this Phase I ESA, URS contacted the City of Dothan Fire Department regarding information concerning possible reported fires, chemical spills, and registered underground and aboveground storage tanks at the subject property. At the time of this report, a response had not been received from personnel at the City of Dothan Fire Department. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS. However, based on URS' review of available historical and regulatory information, and observations made during the site reconnaissance, it is URS' opinion that this data gap is not significant and does not hinder URS from reaching its conclusions.

- During this Phase I ESA, URS contacted the Alabama Department of Public Health regarding information concerning septic tanks, storage/disposal of hazardous substances, petroleum products, USTs, ASTs, or chemical spills at the subject property. At the time of this report, a response had not been received from personnel at the Alabama Department of Public Health. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS. However, based on URS' review of available historical and regulatory

information, and observations made during the site reconnaissance, it is URS' opinion that this data gap is not significant and does not hinder URS from reaching its conclusions.

- A chain-of-title was not provided to URS. The absence of this information also represents a historical data gap. However, based on readily available, reasonably ascertainable information available to URS within the timeframe of this report, this data gap does not appear to be a significant factor in the overall evaluation of the property.

No other data gaps were identified during URS' review of historical uses of the subject property.

5.9 ENVIRONMENTAL REPORTS AND RELATED DOCUMENTS

Previous environmental reports were not provided to URS for review.

6.0 REGULATORY AGENCY REVIEW

6.1 ENVIRONMENTAL DATABASES REVIEW

URS reviewed information gathered from several environmental databases through Environmental Data Resources, Inc. (EDR) to evaluate whether activities on or near the subject property have the potential to create a Recognized Environmental Condition (REC) on the subject property. EDR reviews databases compiled by federal, state, and local governmental agencies. The complete list of databases reviewed is provided in EDR's report, which is included in Appendix C. It should be noted that this information is reported as URS received it, as it is provided in various government databases. It is not possible for either URS or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The databases searched and the information obtained is summarized below.

The subject property was identified the following databases: Resource Conservation and Recovery Act (RCRA) – Conditionally Exempt Small Quantity Generator (CESQG); Facility Index System (FINDS) list; Tier 2; and RCRA – Non-Generator (Non-Gen) of hazardous waste list. The Tier 2 listing for the facility indicates large quantity materials that are stored on-site which is reported annually for the facility. The 2011 listing includes the following materials: Eastman 168 DOTP; Interstab LT-4803; PVC Resin; Polypropylene Pellets; Calcium Carbonate; Titanium Dioxide; Blended Master Batch; MW-3019; Various Pigment Products; Polyethylene Pellets; Intercide ABF-5 (arsine); Nyacol 30-107; and Ammonium Chloride. The RCRA-CESQG listing indicates the facility has registered as a CESQG since 1998, and hazardous wastes generated include arsenic, barium, lead, and non-halogenated solvents. A compliance evaluation was reportedly conducted in 1997, and no violations were reported for the facility. The facility, identified as Ludlow Coated Products Dothan Plant, was also identified as a RCRA-Non-Gen facility, which does not indicate any hazardous wastes generated or violations. The Ludlow Coated Products Dothan Plant is only listed on the 1997 compliance inspection. The FINDS listing is a pointer to the Ludlow Coated Products Dothan Plant RCRA-Non-Gen listing. Based on the conditions observed during site reconnaissance, the listings appear to be consistent with on-site material storage and hazardous waste generation. It is URS' opinion that the facility listings do not represent a Recognized Environmental Condition to the subject property.

6.1.1 Federal NPL List

The EPA's National Priorities List (NPL) of uncontrolled or abandoned hazardous waste sites was reviewed for sites within one mile of the subject property. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a State's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost effective than removal action. The database search report identified no NPL sites within one mile of the subject property.

6.1.2 Federal CERCLIS List

The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listings were reviewed to determine if sites within one-half mile of the subject property are listed for assessment. The CERCLIS database identifies hazardous waste sites that require assessment and possible remedial action to mitigate potential negative impacts on human health or the environment. The database search identified one CERCLIS sites within a one-half mile radius of the subject property.

The Lilly Industrial Coatings Inc. at 2305 Industrial Road, approximately 750 feet north of the subject property. The facility was initially investigated by the EPA via site inspections and preliminary assessments in 1980 and 1981, with the facility being issued a priority level of No Further Remedial Action Planned. The facility was re-assessed in 2009, and was determined to maintain the priority level of No Further Remedial Action Planned. Based on the downgradient positioning relative to the subject property, the Lilly Industrial Coatings facility is not considered to represent an environmental concern to the subject property.

In February 1995, the EPA began removing sites designated as "No Further Remedial Action Planned" (NFRAP) from the CERCLIS list. NFRAP sites are properties that, following an initial assessment, no contamination was found, or contamination was removed quickly or was not serious enough to require Federal Superfund Action or NPL consideration. The database search did not identify any CERCLIS-NFRAP sites within a one-half mile radius of the subject property.

6.1.3 Federal RCRA Lists

The current RCRA Facilities Database was reviewed to determine if any RCRA treatment, storage, or disposal sites (TSDs) or if any RCRA facilities undergoing corrective action (CORRACTS) are located within a one-mile radius of the subject property. The database search identified no CORRACTS facilities within a one-mile radius of the subject property, and no TSD facilities within a one-half mile radius of the subject property.

The RCRA-regulated hazardous waste generator notifiers list was reviewed to determine if any RCRA generator facilities are located within a one-quarter mile radius of the subject property. The database search identified one RCRA large quantity hazardous waste generator (LQG) within a one-quarter mile radius of the subject property.

The Dunbarton Corporation Slimfold Division (868 Murray Road) is located adjacent to the northwestern corner of the subject property, and is identified as a LQG facility. According to the EDR report, the Gulf Dunbarton Corporation Slimfold Division is listed as a RCRA-LQG, with reported violations in association with its waste generation. The violations appear to relate to paperwork, manifesting, and storage issues. However, no releases or corrective action responses are indicated for the Dunbarton facility. Based on the facility's current regulatory status and topographic position relative to the subject

property, it is URS' opinion that the Dunbarton Corporation Slimfold Division facility does not represent a Recognized Environmental Condition to the subject property.

Two RCRA small quantity hazardous waste generator (SQG), four conditionally exempt small quantity hazardous waste generator (CESQG), and three non-generator (NonGen) facilities were identified within the specified search radii.

The Gulf Coast Truck and Equipment Company Inc. (736 Twitchell Road) is located approximately 250 feet south-southeast of the subject property and topographically cross-gradient of the subject property. According to the EDR report, the Gulf Coast Truck and Equipment Company Inc. is listed as a RCRA-SQG, with no reported violations in association with its waste generation. Based on the facility's current regulatory status and topographic position relative to the subject property, it is URS' opinion that the Gulf Coast Truck and Equipment Company facility does not represent a Recognized Environmental Condition to the subject property.

The remaining RCRA SQG, CESQG, and NonGen facilities do not appear to represent a Recognized Environmental Condition to the subject property, based on their topographically down-gradient positions, current regulatory status and/or lack of reported violations.

6.1.4 Federal ERNS List

A database search of the EPA's Emergency Response Notification System (ERNS) list, which contains reported spill records of oil and hazardous substances, did not identify the subject property as an ERNS site.

6.1.5 Eng Controls/Inst Controls

The Engineering Controls and Institutional Controls database lists all contaminated Alabama facilities that are subject to engineering controls which contain and/or reduce contamination. Engineering and/or institutional controls may be implemented for selected properties. The database search identified no Eng/Inst Control sites or properties with engineering or institutional controls within a one-half mile radius of the subject property.

6.1.6 Alabama Solid Waste Landfill Sites

The Alabama State inventory of Solid Waste Landfill Sites (SWF/LF) was reviewed to assess whether SWF/LF sites are located within a one-half mile radius of the subject property. The database search identified no SWF/LF sites within a one-half mile radius of the subject property.

6.1.7 Alabama Underground Storage Tank (UST) List

The Alabama Department of Environmental Management (ADEM) registered underground storage tank (UST) list was reviewed to determine if any UST facilities are located within a one-quarter mile radius of the subject property. The database search identified eight UST facilities within the specified search radius.

According to the EDR database report reviewed by URS, Couch Truck Office and Shop Storage (1020 Twitchell Road) is located immediately adjacent at the southeastern corner of the subject property. The facility was not identified during site reconnaissance under the name Couch Truck Office and Shop Storage. As such, the location is identified as potentially being the Tony's Service Center, which was identified as 4038 Ross Clark Circle. According to the EDR report, the Couch Truck Office and Shop Storage had the following USTs installed: four 15,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; three 10,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; and, one 10,000-gallon and one 8,000-gallon unleaded gasoline UST installed in 1976 and removed from the ground in 1993. The facility is also identified on the Alabama Aboveground Storage Tank (AST) list with the following ASTs installed: three 10,000-gallon diesel ASTs installed in 1993 that are currently still in use; and one 10,000-gallon unleaded gasoline AST installed in 1993 that is currently still in use. Two releases are noted for the Couch Truck Office and Shop Storage facility, dated January and October 1993. The releases are identified as "Clean Up Complete", and no additional information is provided. Additionally, the Couch Truck Office and Shop Storage facility is identified on the Orphan list, for a release from the on-site ASTs (LAST list), dated August 2009. No additional information is provided regarding the LAST listing. Based on the unresolved LAST listing and presumed proximity to the subject property, it is URS' opinion that the Couch Truck Office and Shop Storage represents a potential environmental concern to the subject property. Additional research should be conducted to identify the exact location of the Couch Truck Office and Shop Storage facility, and the potential for on-site contamination re-evaluated when a correct location has been identified.

The Coleman American Moving Service (109 Loftin Road) is located immediately adjacent to the east of the subject property. According to the EDR report, the Coleman American Moving Service is listed as having the following USTs installed: one 1,000-gallon unleaded gasoline, steel tank installed in 1963, removed from the ground in 1998; and, one 1,000-gallon diesel, steel tank installed in 1978, removed from the ground in 1998. The facility is not identified on the Leaking UST list, and no indications of release are noted in the UST listing. As such, the Coleman American Moving Company UST listing does not represent a Recognized Environmental Condition to the subject property.

The remaining UST facilities do not appear to represent a Recognized Environmental Condition to the subject property, based on their topographically down-gradient positions, current regulatory status and/or lack of reported violations.

6.1.8 Alabama Leaking Underground Storage Tank (LUST) List

The ADEM leaking underground storage tank (LUST) inventory list was reviewed to identify LUST facilities within a one-half mile radius of the subject property. According to the EDR database report, six LUST facilities were identified within the specified search radius.

The Couch Truck Office and Shop Storage was previously discussed in Section 6.1.7.

The remaining LUST facilities do not appear to represent a Recognized Environmental Condition to the subject property, based on their topographically down-gradient positions, distance from the subject property, and/or current regulatory status.

6.1.9 Alabama State Hazardous Waste Site (SHWS) List

The Alabama State Hazardous Waste Sites (SHWS) list was reviewed to identify SHWS facilities within a one mile radius of the subject property. The database search identified no SHWS sites within a one-mile radius of the subject property.

6.1.10 Orphan Sites

URS reviewed the Orphan Sites list, which are sites that have not been geocoded based on the lack of sufficient data regarding their exact location within the general area. A review of the Orphan Sites list did not identify any sites, beyond the Couch Truck Office and Shop Storage as previously discussed in Section 6.1.7, that would appear to represent an environmental concern to the subject property.

6.2 REGULATORY AGENCY CONTACT

During the performance of this ESA, local regulatory agencies having jurisdiction over the subject property were contacted to try to identify whether there have been any reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under assessment for such non-compliance; and whether there is any other pertinent documentation on file with such regulatory agencies regarding the subject property or surrounding sites of concern. Regulatory agencies contacted and a summary of the information obtained from these agencies is included as follows:

Alabama Department of Public Health – URS contacted, via facsimile, the Alabama Department of Public Health, Environmental Services regarding information concerning septic tanks, storage/disposal of hazardous substances, petroleum products, USTs, ASTs, or chemical spills at the subject property. At the time of this report, a response had not been received from personnel at the Alabama Department of Public Health. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS.

City of Dothan Fire Department – URS contacted, via email, the City of Dothan Fire Department regarding information concerning possible reported fires, petroleum products, registered USTs and ASTs, chemical/hazardous material spills and releases, and any other environmental issues at the subject property. At the time of this report, a response had not been received from personnel at the City of Dothan Fire Department. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS.

7.0 LIMITED ENVIRONMENTAL COMPLIANCE ASSESSMENT

URS performed a Limited Environmental Compliance Review (LCR) of the Twitchell facility located at 4031 Ross Clark Circle, in Dothan, Houston County, Alabama. The LCA consisted of a site visit by URS to observe the Twitchell manufacturing facility, chemical storage and waste handling practices, solid waste handling practices, records review, and interviews with personnel familiar with the site operations. The objective of this generalized evaluation was to identify laws and regulations applicable to the facility and to identify areas of compliance and non-compliance. It should be noted that this LCA does not constitute a comprehensive compliance assessment, but rather an overview of the significant compliance issues. As the result of a recent Health and Safety assessment, health and safety issues were not included in the scope of work for this project. The site visit was performed by Mark Robinson, P.E., CHMM, CPEA, EHS Compliance Group Leader for URS, and Sarah Hibbs, EIT, Senior Environmental Scientist for URS. Mr. Tim Gilmore, General Manager, and Ms. Gena Webb, R&D Engineer for Twitchell, provided access to the subject property and environmental records. The following sections present a brief description of the results of our evaluation. Applicable or potentially applicable regulations are identified and described, and the compliance status of the facility is also provided.

7.1 HAZARDOUS WASTE GENERATION

Facilities that generate waste are responsible for determining if the waste is classified as hazardous. Generators of waste must handle, store and dispose of hazardous waste in accordance with applicable state and federal requirements, including but not limited to emergency planning, training, management of containers, record keeping and reporting, and disposal. Once the determination is made, specific regulations must be followed, depending upon the quantity generated on a monthly basis and the total amount accumulated on the subject site.

Compliance: The facility operates as a Conditionally Exempt Small Quantity Generator (EPA ID#ALD983172297) of hazardous waste (less than 220 pounds of non-acute hazardous waste generated per month). Typical hazardous waste streams include arsenic, barium, lead, and non-halogenated solvents. URS noted that Safety-Kleen parts washer solvent from the six 30-gallon units as well as two 55-gallon drums of solvent were not included in the generation rate calculations for the facility. Reporting to the Alabama Department of Environmental Management (ADEM) appeared to be complete and up-to-date, with the exception of the spent parts washer solvent. The maintenance department handled the parts washers, and shipping papers for the parts washer solvent disposal had not been provided to the R&D Engineer for inclusion the hazardous waste reporting.

Universal waste for the Twitchell facility consisted of spent lead-acid and nickel-metal hydride batteries and spent fluorescent and metal halide lamps. The annual report listed the facility as a small quantity handler of universal wastes. Lead acid batteries are returned to Interstate Batteries for core charge refund under the 40 CFR 266 program. Sealed lead acid and remaining batteries are also returned to Interstate.

For fluorescent lamps, the facility reportedly converted the lamps to a combination of low-mercury fluorescents and metal halide lamps. Low mercury fluorescents are not regulated as universal wastes if the lamp does not meet the definition of hazardous waste. However, documentation from the manufacturer of the low-mercury lamps was available in the facility files at the time of the site visit. The facility was not aware of the possibility that metal halide lamps containing mercury at levels to require management as universal waste.

The facility is a generator of used oil under 40 CFR 279, and the used oil is stored in labeled drums prior to pick-up by the used oil vendor.

Scrap tires, as regulated under the ADEM program, are not generated at the facility. Forklift and plant vehicle tires are managed by the repair vendor.

Findings:

- Facilities that generate waste are responsible for determining if the waste is classified as hazardous. Generators of waste must handle, store and dispose of hazardous waste in accordance with applicable state and federal requirements, including but not limited to emergency planning, training, management of containers, record keeping and reporting, and disposal. Once the determination is made, specific regulations must be followed, depending upon the quantity generated on a monthly basis and the total amount accumulated on the subject site.

- The parts washer waste has not been characterized or included in the generation rate determination for the facility. The generation rate affects the generator status.

- The facility has asserted that its fluorescent lamps have been converted to a non-universal waste (low-mercury) type. However, documentation from the manufacturer was not available to support the claim.

- The metal halide lamps have not been characterized with respect to their universal waste status when spent.

7.2 OIL STORAGE

Facilities that store an aggregate of aboveground storage of more than 1,320 gallons of oil/petroleum product are required to prepare and implement an on-site Spill Prevention, Control & Countermeasure (SPCC) plan.

Compliance: Based on the size and/or number of tanks, drums, and containers that contain oil (approximately 13,000 gallons total) at the facility, the facility meets the US EPA 40 CFR 112.7 threshold

of 1,320 gallons of oil requirement for preparing a SPCC Plan. A draft SPCC plan (integrated with the storm water plan in the IP3 plan) has been prepared.

Drums and totes of oils are generally stored inside buildings that provide secondary containment. Aboveground storage tanks are provided with containment berms.

Findings:

- The SPCC plan draft was reviewed, and the following topics within the plan needed to be added or aligned to the requirements in 40 CFR 112.7: 1) Training should be expanded to oil-handling personnel on an annual basis, 2) Contingency Planning should be revised to utilize "active containment," 3) Loading Rack discussion should described in terms of the new EPA rule and utilize "active containment," 4) Level sensing equipment inspections and calibration should be described, 5) Portable Containers should include drums and totes, and 6) Portable Containers should reference secondary containment using building envelope once the floor drains are closed.

- The facility should have the plan sealed by a registered Professional Engineer.

7.3 UNDERGROUND STORAGE TANKS

Underground storage tanks are regulated under the Code of Federal Regulations 40 CFR 280 and by the Alabama Department of Environment Management (ADEM).

Compliance: According to facility personnel, no underground storage tanks are currently present at the subject property. Closed USTs are discussed in Section 3.3.3.

7.4 AIR EMISSIONS

The Clean Air Act (CAA) requires that sources of potential emissions be monitored to develop yearly emission estimates. Also, large devices must be permitted and excessive emissions must be controlled to adhere to state and federal standards.

Compliance: The facility currently operates under the air permit issued by ADEM Number 607-0038-X001, a State Implementation Plan (SIP) permit. The air permit was issued on November 22, 2004 with no expiration date. The air permit specifies limits for air emissions based on 40 CFR 60, Subpart VVV. This Maximum Available Control Technology (MACT) covers Polymeric Coating of Supporting Substrates. The facility is subject to maintaining Volatile Organic Compounds (VOC) emissions less than approximately 22,000 pounds per year. Based on a review of the facility's rolling 12-month total VOC tracking spreadsheet, the VOC emissions are approximately one order of magnitude less than the threshold. The SIP permit also includes particulate control requirements met by the facility baghouses.

Visual emissions are observed daily and recorded as per the permit requirements. This ADEM permit is nontransferable, so a new owner should consider permitting requirements.

The facility has certified HVAC personnel that perform limited services on refrigeration equipment. Additional services are provided by a local contractor, Wittichen Refrigeration. The facility has 12 circuits with 50 or more pounds of regulated refrigerant. Leakage rate calculations for that equipment should be maintained on site.

Findings:

- The facility should maintain leakage rate calculations for the HVAC systems with 50 or more pounds of regulated refrigerant (i.e., R-22, but not R-410A).

7.5 WASTEWATER

Process wastewater is generated by current on-site operations, including textile manufacturing unit operations, blowdown, cooling water, and wash water. Process and sanitary wastewater generated at the facility is directed to the municipal sanitary sewer system (Dothan Littlle Choctawhatchee Wastewater Treatment Plant). ADEM manages industrial user permits for this WWTP. The facility permit, IU 32-35-00012, expires July 31, 2015.

Regular monitoring for flow, pH, BOD, COD, Total Suspended Solids, and Oil & Grease is required by the permit. Semi-annual sampling for toxic pollutants is also required. The facility estimates flow at 50% of the influent from the City water. pH is monitored internally with digital meter. The facility has a procedure and follows 40 CFR 136 requirements for the pH measurement. BOD, COD, TSS and Oil & Grease are analyzed by an outside laboratory. No issues were noted.

Compliance: No issues were identified at the site with process wastewaters.

7.6 STORMWATER

The U.S. EPA Clean Water Act (CWA) requires the discharge water associated with an industrial activity to have a National Pollutant Discharge Elimination System (NPDES) permit. Facilities are subject to storm water permitting based on their industrial activities and the Standard Industrial Classification (SIC) code(s). Industrial activities include all areas exposed to storm water where material handling equipment or activities occur such as storage, loading, unloading or transportation or conveyance of any raw material, intermediate product, finished product, or waste product.

Compliance: The facility is currently operating under the ADEM General Storm Water Permit ALG24-004, issued October 1, 2007 with expiration September 30, 2012. This permit is transferable after notice to and approval by the Director of ADEM. The Director may require modification or revocation and

reissuance of the certificate of coverage to change the name and incorporate such other requirements as may be necessary under the CWA.

Discharges 001, 006 and 007 from the general permit apply to the facility. No issues were noted with respect to monitoring. URS also reviewed the draft Storm water Best Management Practices plan (integrated with the draft SPCC at this site). The initial training for employees is not fully described in the BMP plan, and no documentation of the training classes was available. The BMP plan does not fully discuss the process to how to prepare Discharge Monitoring Reports required by the general permit. However, the DMRs reviewed appeared to be complete and submitted to ADEM on a timely basis.

Findings:

- The facility should finalize the draft BMP plan, and then conduct and document training for employees.

7.7 EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

The Emergency Planning and Community Right-to-Know Act – Superfund Authorization and Recovery Act (EPCRA-SARA Title III) Section 313 requires the EPA to establish an inventory of toxic chemical emissions from certain facilities. Facilities that have 10 or more full-time employees; that are within an identified group of SIC codes; and that use toxic chemicals in quantities greater than 10,000 pounds (or manufacture or process chemicals in quantities greater than 25,000 pounds) are required to complete and file Toxic Chemical Release Inventory Reporting Forms (Form R) on a yearly basis. Sections 311 & 312 of SARA Title III (Tier I and Tier II reporting) requires reporting of an emergency and hazardous chemical inventory form to the local emergency planning committee, the state emergency response commission, and the local fire department for the storage of hazardous chemicals in excess of 10,000 pounds, and 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances.

Compliance: The facility is subject to SARA Title III Section 312 and 313 reporting requirements, and has documented reporting to the agencies for the last 5 years. URS notes that the facility last reported lead on their Form R program in 2005 (lead eliminated from the PVC coating). Only N010 – Antimony Compounds – has been reported on Form R since 2005.

7.8 NON-HAZARDOUS WASTES

Non-hazardous wastes generated at the facility include: cardboard, office trash and general rubbish. Solid waste (office trash and general rubbish) is collected in one dumpster and removed by a local vendor. Additional discussion is presented in Section 3.3.6.

Used oil is generated from the facility maintenance operations. The used oil is stored in a dedicated 200-gallon aboveground storage tank. The used oil is shipped offsite for recycling on an as needed basis. The facility reports its used oil generator status annually to ADEM on the hazardous waste update form.

Compliance: The storage and handling practices of non-hazardous wastes at the facility appear to be in general accordance with applicable regulations.

8.0 CONCLUSIONS

URS conducted a Phase I Environmental Site Assessment (Phase I ESA) for the Twitchell Corporation facility located at 4031 Ross Clark Circle NW in Dothan, Houston County, Alabama (subject property). The purpose of the project was to evaluate the potential for Recognized Environmental Conditions to exist on the subject property from on-site or off-site activities. URS' conclusions are presented below.

8.1 PHASE I ESA

8.1.1 On-Site Recognized Environmental Conditions

During the course of this Phase I ESA, three on-site Recognized Environmental Conditions were identified.

No evidence of current or former underground storage tanks (USTs) was observed at the subject property or reported by the regulatory database search. However, information provided by the site contacts indicated that two former diesel USTs were previously installed at the property, immediately adjacent to the southeastern corner of the Olefin Building. According to the records maintained by the facility representatives, the tanks consisted of a 10,000-gallon and a 5,000-gallon single-walled, steel, diesel fuel tank, installed at the subject property in approximately 1956. The 10,000-gallon diesel fuel UST was removed from the ground in 1989, at which point five soil samples were collected from the tank pit floor and analyzed for "Petroleum Hydrocarbons." The laboratory results indicated levels of "Petroleum Hydrocarbons" between 11 and 33 parts per million (ppm). The 5,000-gallon diesel fuel tank was closed in 1989 and filled with sand to abandon in-place. No soil or groundwater sampling was conducted in association with the 5,000-gallon tank. A letter issued by the Alabama Department of Environmental Management dated January 25, 1989 acknowledges the closure of the former on-site USTs, and indicates requirements for the closure of "regulated" USTs. However, the former USTs were unregulated, and sampling requirements were not applicable. As such, the former USTs represent a Recognized Environmental Condition to the subject property.

Various equipment drains and floor drains were observed throughout the subject property. According to the site representatives, all contact water and process water is discharged to the municipal sewer. Prior to plumbing the discharge points into the sanitary sewer discharge and scaling back facility production, the facility discharged industrial wastewater to an adjacent drainage ditch located on the western side of the subject property. Two drainage pipes were observed extending from the northwestern corner of the Main Mill Building to the drainage ditch. According to the site representative, the drainage pipes are not in use due to scaled down production or are connected to upstream floor drains that have been capped. According to information provided by the site representative, sampling was conducted of surficial soils in the drainage ditch in 2004, at the time the floor drains were capped. According to laboratory analytical results provided to URS for review, the soils were sampled in two locations at two depths each. The

analytes evaluated were limited to arsenic, barium, cadmium, chromium, lead, selenium, and silver. Based on the historical use of the subject property for manufacturing purposes (since 1954), the limited sampling locations and analytical assessment of soils and groundwater at the outfall from the manufacturing facility, and the types of materials utilized historically in the manufacturing process including chlorinated solvents and petroleum compounds, the industrial wastewater discharge to the on-site drainage ditch represents a Recognized Environmental Condition to the subject property.

8.1.2 Off-Site Recognized Environmental Conditions

Based on the available information, no off-site Recognized Environmental Conditions were identified during the Phase I ESA.

8.1.3 Other Environmental Concerns

One potential environmental concern was identified in association with on-site activities. A debris pile consisting of landscaping waste, a fallen tree, and various construction materials was observed on the western side of the subject property, adjacent to the drainage ditch. A limited area of stressed vegetation was observed between the debris pile and the wooded area immediately to the west. Based on the conditions observed during site reconnaissance, the waste pile and stressed vegetation represent a potential environmental concern to the subject property.

One potential environmental concern was identified in association with historical off-site activities. According to the Environmental Data Resources, Inc. (EDR) database report reviewed by URS, Couch Truck Office and Shop Storage (1020 Twitchell Road) is located immediately adjacent at the southeastern corner of the subject property. The facility was not identified during the site reconnaissance under the name Couch Truck Office and Shop Storage. As such, the location is identified as potentially being the Tony's Service Center, which was identified as 4038 Ross Clark Circle. According to the EDR report, the Couch Truck Office and Shop Storage had the following USTs installed: four 15,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; three 10,000-gallon steel, diesel fuel USTs installed in 1976 and removed from the ground in 1992; and, one 10,000-gallon and one 8,000-gallon unleaded gasoline UST installed in 1976 and removed from the ground in 1993. The facility is also identified on the Alabama Aboveground Storage Tank (AST) list with the following ASTs installed: three 10,000-gallon diesel ASTs installed in 1993 that are currently still in use; and one 10,000-gallon unleaded gasoline AST installed in 1993 that is currently still in use. Two releases are noted for the Couch Truck Office and Shop Storage facility, dated January and October 1993. The releases are identified as "Clean Up Complete", and no additional information is provided. Additionally, the Couch Truck Office and Shop Storage facility is identified on the Orphan list, for a release from the on-site ASTs (LAST list), dated August 2009. No additional information is provided regarding the LAST listing. Based on the unresolved LAST listing and presumed proximity to the subject property, it is URS' opinion that the Couch Truck Office and Shop Storage represents a potential environmental concern to the subject property. Additional research should be conducted to identify the exact location of the Couch Truck

Office and Shop Storage facility, and the potential for on-site contamination re-evaluated when a correct location has been identified.

An asbestos survey of the subject property was not included in the scope of work for this ESA. However, based on the age of the building, asbestos containing materials are suspected. Suspect materials observed during the site reconnaissance included drywall and joint compound, acoustical ceiling tiles, floor tiles, spray-applied insulation, boiler breeching, and thermal system insulation (TSI). The site representative indicated that previous limited asbestos sampling was conducted periodically (as facility renovation and upgrades encountered potentially suspect materials), but that no documentation was available for review. Based on the age of the building and materials observed during site reconnaissance, URS recommends that the property management company maintain an Operations and Maintenance management plan for asbestos management at the subject property, and that a National Emissions Standard for Hazardous Air Pollutants (NESHAP) survey be conducted prior to future renovation or demolition activities.

The Limited Compliance Review (LCR) conducted at the facility identified a variety of findings regarding hazardous waste generation, oil storage, underground storage tanks, air emissions, wastewater, and stormwater regulatory compliance aspects. A discussion of the findings are included in Section 7. No single finding from the LCR exceeded a materiality threshold of $10,000US.

8.1.4 Data Gaps

Historical data gaps identified during URS' review of historical use of the subject property included the following:

- During this Phase I ESA, URS contacted the City of Dothan Fire Department regarding information concerning possible reported fires, chemical spills, and registered underground and aboveground storage tanks at the subject property. At the time of this report, a response had not been received from personnel at the City of Dothan Fire Department. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS. However, based on URS' review of available historical and regulatory information, and observations made during the site reconnaissance, it is URS' opinion that this data gap is not significant and does not hinder URS from reaching its conclusions.

- During this Phase I ESA, URS contacted the Alabama Department of Public Health regarding information concerning septic tanks, storage/disposal of hazardous substances, petroleum products, USTs, ASTs, or chemical spills at the subject property. At the time of this report, a response had not been received from personnel at the Alabama Department of Public Health. Any pertinent information received from this agency will be forwarded to the Client when it is received by URS. However, based on URS' review of available historical and regulatory information, and observations made during the site reconnaissance, it is URS' opinion that this data gap is not significant and does not hinder URS from reaching its conclusions.

- A chain-of-title was not provided to URS. The absence of this information also represents a historical data gap. However, based on readily available, reasonably ascertainable information available to URS within the timeframe of this report, this data gap does not appear to be a significant factor in the overall evaluation of the property.

It should be noted that, to receive liability protection, in addition to conducting this AAI-standard Phase I ESA, Twitchell Corporation has the continued obligation of:

- Taking steps to stop new or continued releases;
- Complying with land use restrictions and providing legally required notices;
- Not impeding the effectiveness or integrity of institutional controls;
- Providing cooperation, assistance, and access to EPA, State, or other parties conducting response actions or natural restoration of the property; and,
- Complying with CERCLA information requests and subpoenas.

9.0 REFERENCES

Alabama Department of Public Health, FOIA Request for 4031 Ross Clark Circle NW, dated June 6, 2011.

ASTM, 2005. American Society for Testing and Materials (ASTM). Standard E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005.

City of Dothan Fire Department, FOIA Request for 4031 Ross Clark Circle NW, dated June 6, 2011.

Environmental Data Resources, Inc. (EDR), 2010. "The EDR Radius Map Report with GeoCheck", Inquiry Number: 3068048.2s, dated May 16, 2011.

EDR, 2011. "The EDR Aerial Photo Decade Package", Inquiry Number 3068048.5, dated May 16, 2011. Photographs for the years 1948, 1961, 1966, 1979, 1981, 1986, 1992, 1997, and 2006.

EDR, 2010. "The EDR-Historical City Directory Report", Inquiry Number 3068048.6, dated May 26, 2011.

EDR, 2010. "Certified Sanborn Map Report", Inquiry Number 3068048.3, dated May 13, 2011.

EDR, 2010. "EDR Historical Topographic Map Report", Inquiry Number 3068048.4, dated May 16, 2011. Topographic maps for the years 1969 and 1981.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Panel #01069C0069F, dated December 16, 2005.

NETR Real Estate Research & Information. "The NETR Environmental Lien Search Report", Project Number L11-00853, dated June 3, 2011.

United States Department of Agriculture (USDA), 2010. Web Soil Survey for Houston County, Alabama. http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.

Webb, Gena, Environmental Coordinator facility representative, Twitchell Corporation. Personal interview on May 17 and 18, 2011.

10.0 LIMITATIONS

URS has performed the scope of work set forth in the proposal related to this project, as it may have been amended (the "Proposal"), in specific reliance on the understanding and agreement reached between URS and Twitchell Corporation ("Client") as reflected in the Proposal and the written agreement between them (the "Agreement"). URS' scope of work was limited to that stated in the Proposal. Without limiting the generality of the foregoing, and to ensure that there are no misunderstandings regarding the scope of URS' activities, be advised that the Scope of Work did not include indoor air quality issues nor structural, electrical or mechanical issues, radon survey, asbestos sampling, wetlands assessments, or other activities not expressly described in the Proposal or in URS' report, if any, for the work.

The report and any other information which URS prepared and submitted to Client in connection with this project (collectively, the "Report") are for the sole use and benefit of Client and may not be used or relied upon by any other person or entity without the prior written consent of Client and URS. Any such consent given by URS shall be deemed to be and shall be subject to the terms and conditions of the Proposals and the Agreement, including without limitation, the warranty, liability and indemnity terms thereof, and any person given such consent (the "Grantee") shall be deemed to have agreed to such terms and conditions by its use and reliance on the Reports. Such Grantee must also agree not to reveal the contents of the Reports to any other person or entity without the prior written consent of both the Client and URS.

URS' services in the development of this report were conducted, within the limits prescribed by the Agreement, in a manner consistent with that level of care and skill ordinarily exercised by members of the same professions currently practicing in the same locality under similar conditions and no other guaranty, warranty, or representation, either express or implied, is included or intended herein.

Client recognizes and agrees that:

1. The information in the Report relates only to the property specifically described in the Proposal and Report;

2. The information and conclusions provided in the Report apply only to the subject property as they existed at the time of URS' site examination. Should site use or conditions change or should there be changes in applicable laws, standards or technology, the information and conclusions in the Report may no longer apply;

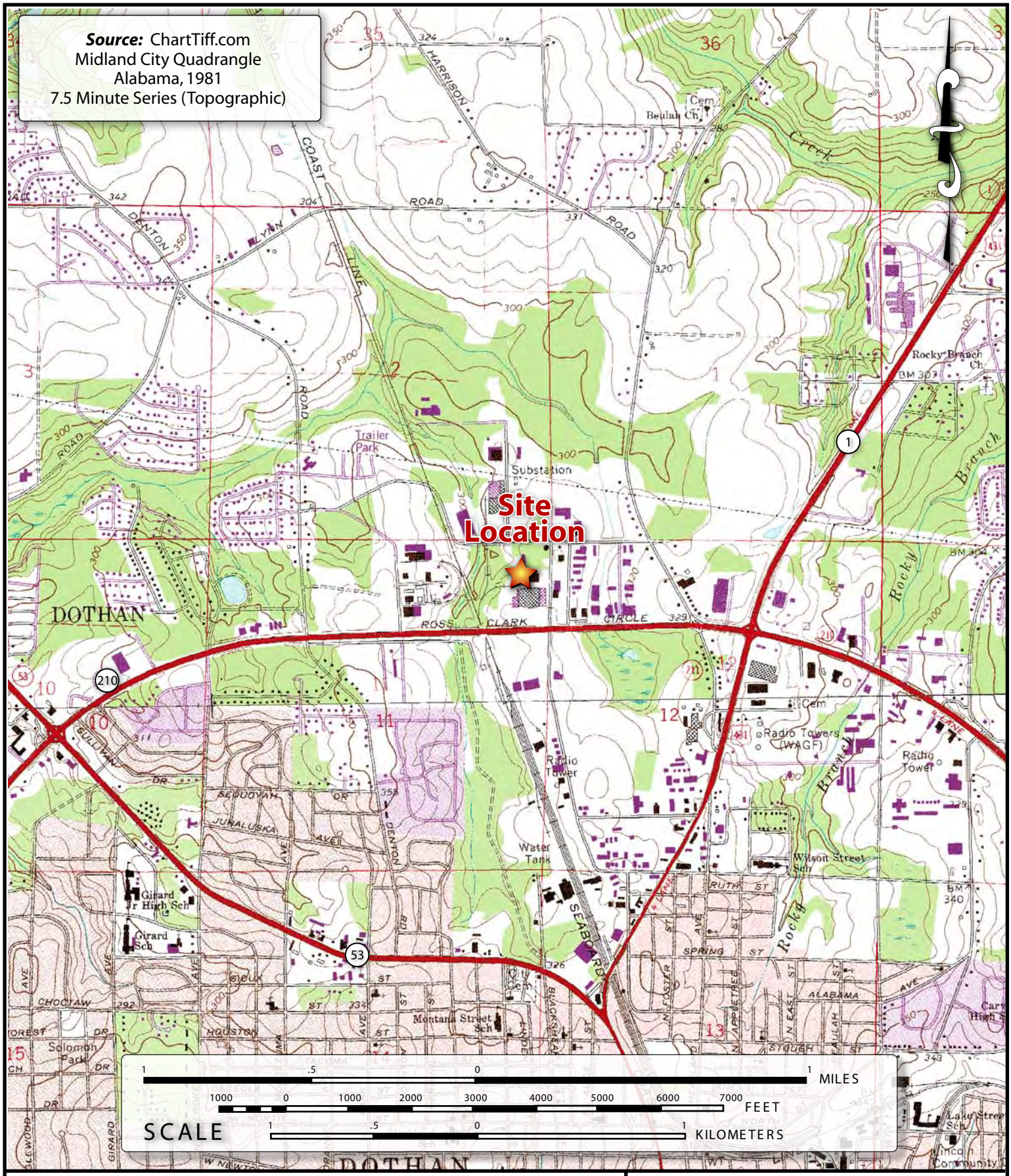
3. URS makes no representations regarding the value or marketability of these properties or their suitability for any particular use, and none should be inferred based on the Report;

4. The Report is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

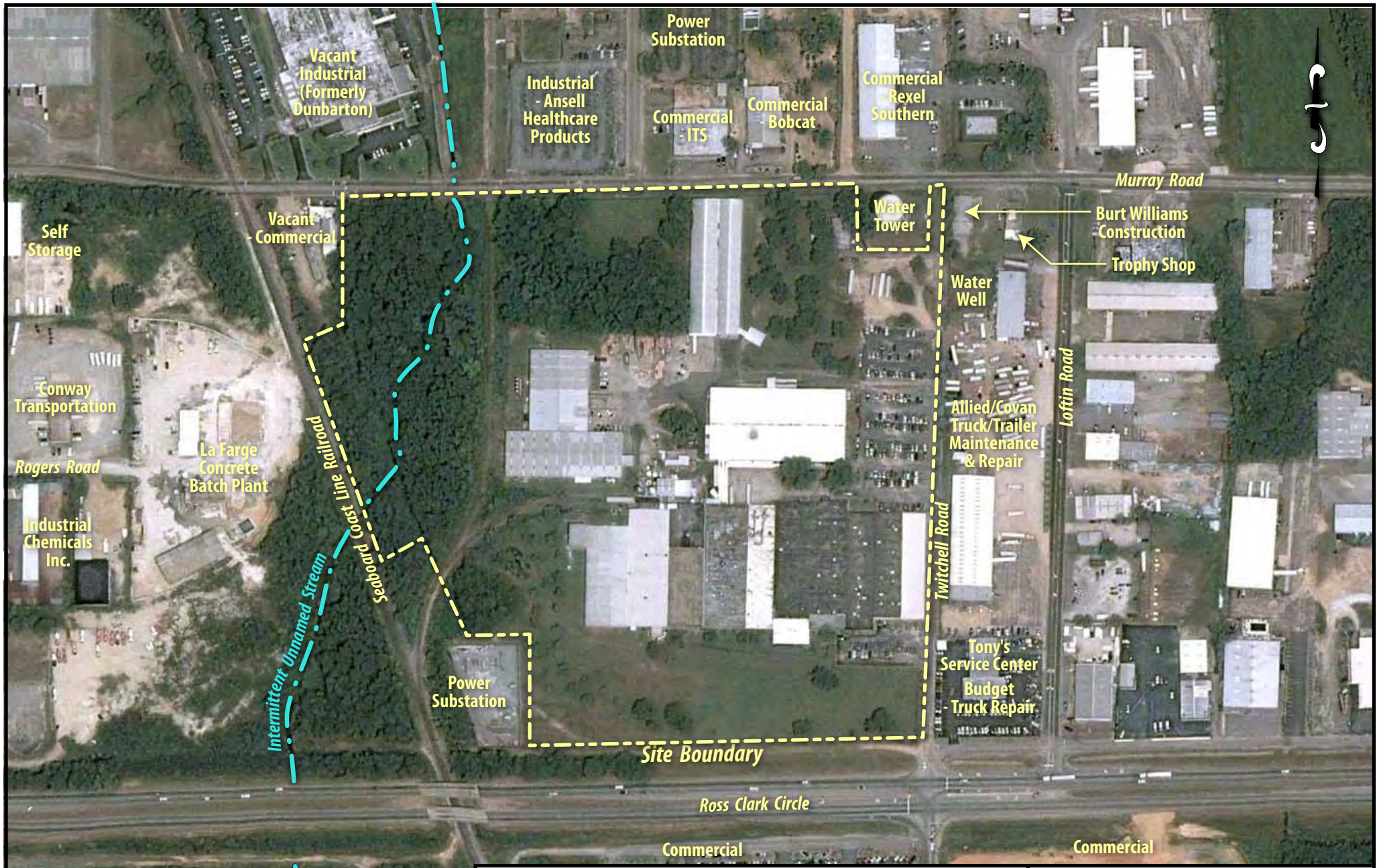
Figures



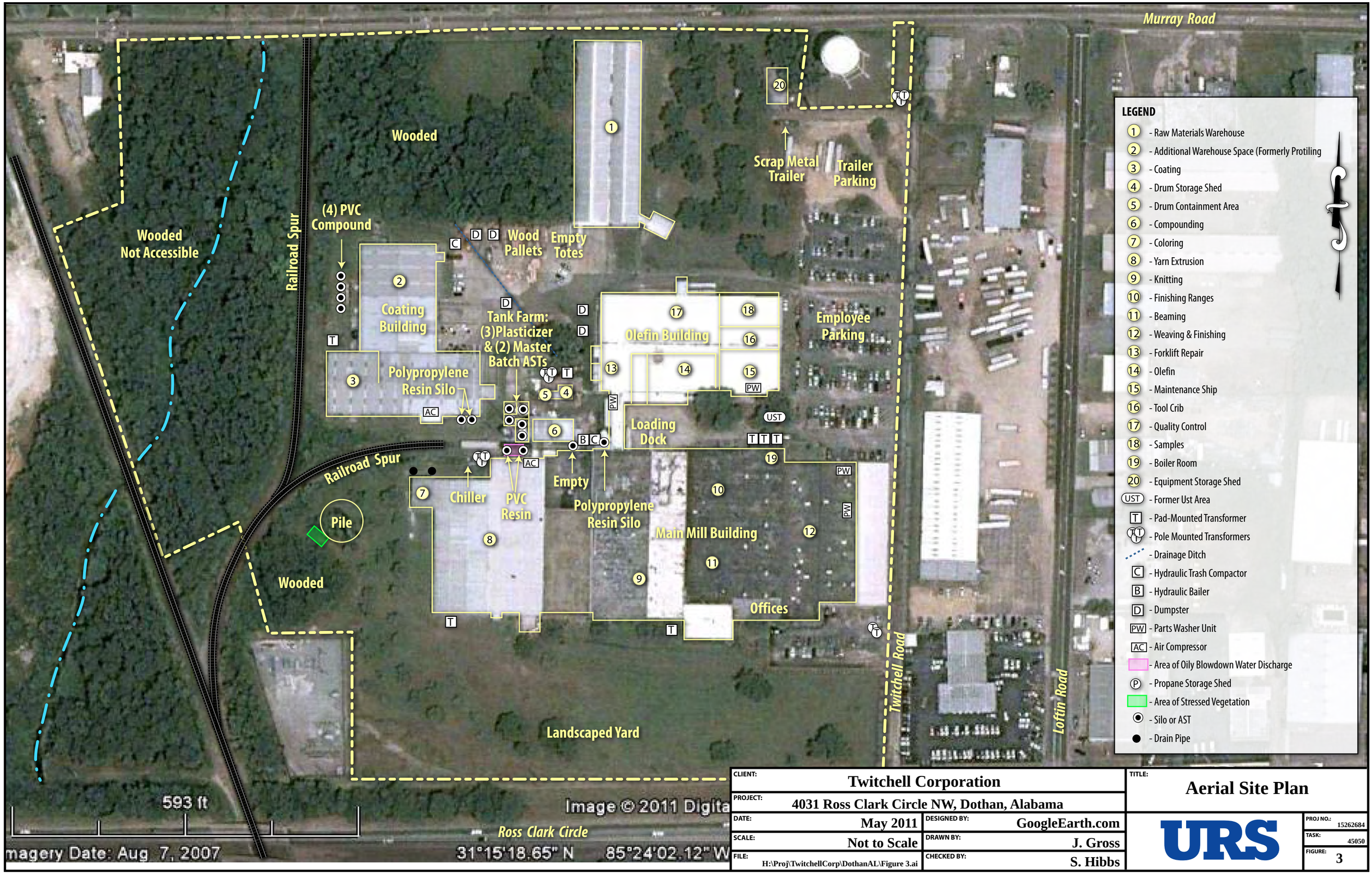
CLIENT: Twitchell Corporation	TITLE: Site Location Map
PROJECT: 4031 Ross Clark Circle NW, Dothan, Alabama	
DATE: May 2011	DESIGNED BY:
SCALE: 1:24,000	DRAWN BY: J. Gross
FILE: H:\Proj\TwitchellCorp\DothanAL\Figure 1.ai	CHECKED BY: S. Hibbs

URS

PROJ NO.:	1526269184
TASK:	45050
FIGURE:	1



CLIENT: Twitchell Corporation		TITLE: Aerial Vicinity Map	
PROJECT: 4031 Ross Clark Circle NW, Dothan, Alabama		URS	PROJ NO.: 15262684
DATE: May 2011	DESIGNED BY: GoogleEarth.com		TASK: 45050
SCALE: Not to Scale	DRAWN BY: J. Gross		FIGURE: 2
FILE: H:\Proj\TwitchellCorp\DothanAL\Figure 2.ai	CHECKED BY: S. Hibbs		



CLIENT:	Twitchell Corporation	TITLE:	Aerial Site Plan
PROJECT:	4031 Ross Clark Circle NW, Dothan, Alabama		
DATE: May 2011	DESIGNED BY: GoogleEarth.com	URS	PROJ NO.: 15262684
SCALE: Not to Scale	DRAWN BY: J. Gross		TASK: 45050
FILE: H:\Proj\TwitchellCorp\DothanAL\Figure 3.ai	CHECKED BY: S. Hibbs		FIGURE: 3

Appendix A Site Photographs

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 1	**Date:** 5/17/11

Direction Photo Taken:

West

Description:

View of the office entrance at the Main Mill Building.

Photo No. 2	**Date:** 5/17/11

Direction Photo Taken:

Northwest

Description:

View of the southeastern corner of the main mill building, with the discharge withdrawal point visible.

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 3	**Date:** 5/17/11

Direction Photo Taken:

North

Description:

View along the eastern side of the main mill building.

Photo No. 4	**Date:** 5/17/11

Direction Photo Taken:

North

Description:

View of the employee parking lot and northeastern corner of the subject property.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **5**

Date: 5/17/11

Direction Photo Taken:

West

Description:

View along the northeastern corner of the main mill building, including boiler room and former UST area. Also visible is the southeastern corner of the olefin building.

Photo No. **6**

Date: 5/17/11

Direction Photo Taken:

East

Description:

View along the northwestern corner of the main mill building, including drainage ditch and silos visible.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **7**

Date: 5/17/11

Direction Photo Taken:

Northeast

Description:

View along the western side of the main mill building.

Photo No. **8**

Date: 5/17/11

Direction Photo Taken:

West

Description:

View along the southwestern side of the building, including pad-mounted transformer.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 9 | **Date:** 5/17/11

Direction Photo Taken:

West

Description:

View of the dust-suppression system baghouse on the southern side of the main mill building.

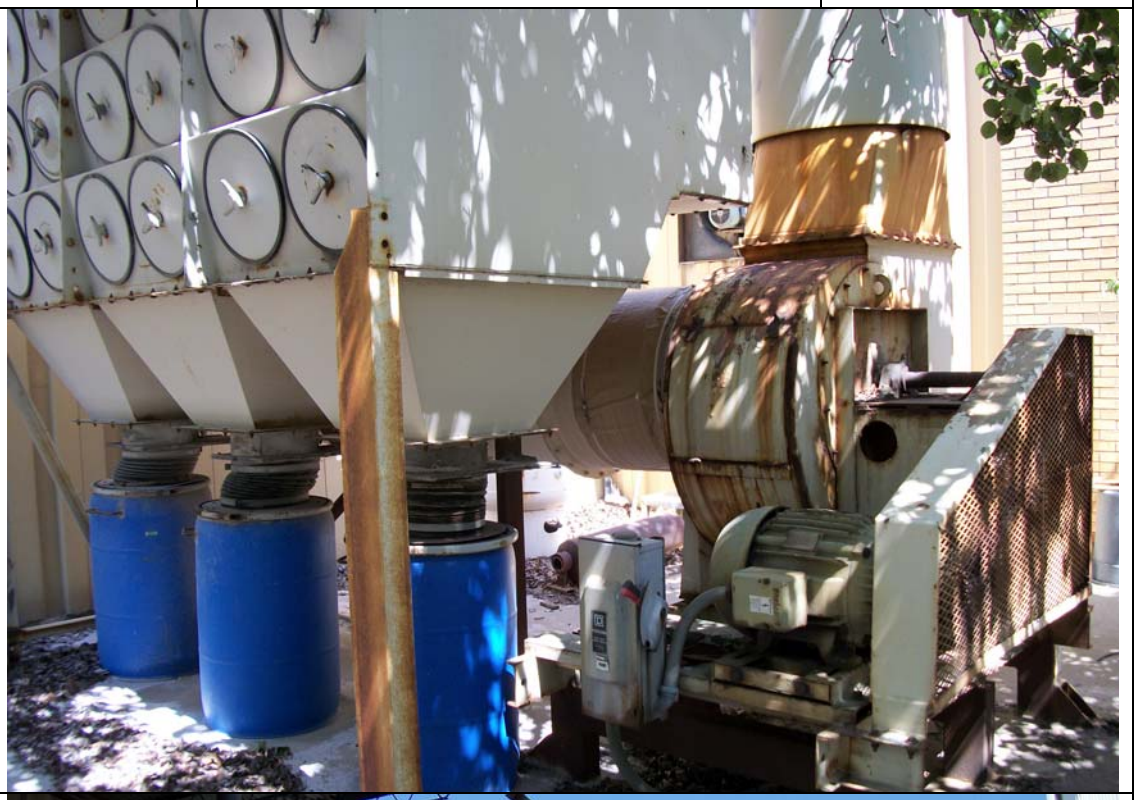


Photo No. 10 | **Date:** 5/17/11

Direction Photo Taken:

West

Description:

View of the rail spur and air compressor area at the rear of the main mill building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **11**

Date: 5/17/11

Direction Photo Taken:

West

Description:

View of the uncontained blow-down water at the compressors located on the northern side of the main mill building.

Photo No. **12**

Date: 5/17/11

Direction Photo Taken:

Southwest

Description:

View of the decommissioned chiller unit located at the northwestern corner of the main mill building.

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **13**

Date: 5/17/11

Direction Photo Taken:

West

Description:

Additional view of the decommissioned chiller unit. Also visible is a discharge point headwall for former floor drains and process water, discharging to the drainage ditch on the western side of the subject property.

Photo No. **14**

Date: 5/17/11

Direction Photo Taken:

Southwest

Description:

View of the debris pile located on the western side of the subject property.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **15**

Date: 5/17/11

Direction Photo Taken:

West

Description:

View of stressed vegetation located adjacent to the debris pile on the western side of the subject property.

Photo No. **16**

Date: 5/17/11

Direction Photo Taken:

Indoors

Description:

View of the former boiler unit in the boiler room of the main mill building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **17**

Date: 5/17/11

Direction Photo Taken:

North

Description:

View of the former UST area adjacent to the main mill building and southeastern corner of the olefin building.

Photo No. **18**

Date: 5/17/11

Direction Photo Taken:

Northwest

Description:

View of the raw materials warehouse building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 19	**Date:** 5/17/11

Direction Photo Taken:

North

Description:

Additional view of the raw materials warehouse building, and stormwater drainage features.

Photo No. 20	**Date:** 5/17/11

Direction Photo Taken:

Indoors

Description:

Typical interior conditions within the raw materials warehouse, including drum storage area.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **21**

Date: 5/17/11

Direction Photo Taken:

North

Description:

View of the empty tote storage area at the southwestern corner of the raw materials warehouse building.

Photo No. **22**

Date: 5/17/11

Direction Photo Taken:

Northwest

Description:

View of the wood pallet storage area and dumpsters in the northwestern side of the subject property, and the hydraulic compactor at the northeastern corner of the coating building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **23**

Date: 5/17/11

Direction Photo Taken:

Southwest

Description:

View of the former compressor and equipment pad located at the northwestern corner of the coatings building.

Photo No. **24**

Date: 5/17/11

Direction Photo Taken:

South

Description:

View of the four PVC compound silos at the western side of the coatings building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **25**

Date: 5/17/11

Direction Photo Taken:

North

Description:

View of four PVC silos, pad-mounted transformer, and boiler located on the western side of the coating building.

Photo No. **26**

Date: 5/17/11

Direction Photo Taken:

West

Description:

Of the two polypropylene silos and compressor shed on the southern side of the coating building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **27**

Date: 5/17/11

Direction Photo Taken:

Indoors

Description:

View of the drum storage area within the coating building.

Photo No. **28**

Date: 5/17/11

Direction Photo Taken:

West

Description:

View of the drum storage shed, including drums stored outside of containment berm and within containment berm (at the rear).

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 29 | **Date:** 5/17/11

Direction Photo Taken:

North

Description:

View of the drum saddles and stored materials within the containment berm at the drum shed.

Photo No. 30 | **Date:** 5/17/11

Direction Photo Taken:

Northeast

Description:

View of the used oil tote and stored drums within the containment berm at the drum shed.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **31**

Date: 5/17/11

Direction Photo Taken:

Southwest

Description:

View of the tank farm, including 10,000-gallon plasticizer ASTs.

Photo No. **32**

Date: 5/17/11

Direction Photo Taken:

East

Description:

View of the 10,000-gallon plasticizer and 5,000-gallon master batch ASTs.

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 33	**Date:** 5/17/11

Direction Photo Taken:

East

Description:

View of the 5,000-gallon master batch ASTs.

Photo No. 34	**Date:** 5/17/11

Direction Photo Taken:

South

Description:

View of one of the PVC resin silo, rail car and offload area, with main mill building in the rear.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 35	**Date:** 5/17/11

Direction Photo Taken:

East

Description:

View of the empty silo and polypropylene resin silo on the northern side of the main mill building.

Photo No. 36	**Date:** 5/17/11

Direction Photo Taken:

South

Description:

View of the hydraulic bailer, hydraulic compactor, polypropylene silo (on the left) and empty silo (on the right) at the northern side of the main mill building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **37**

Date: 5/17/11

Direction Photo Taken:

Indoors

Description:

View of the hoppers and mixing area within the compounding building.

Photo No. **38**

Date: 5/17/11

Direction Photo Taken:

Indoors

Description:

View of the storage and preparation area within the compounding building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. 39	**Date:** 5/17/11

Direction Photo Taken:

Indoors

Description:

View of tote storage and staging within the compounding building.

Photo No. 40	**Date:** 5/17/11

Direction Photo Taken:

East

Description:

View of the forklift charging area and parts washer cabinet on the breezeway between the main mill building and the olefin building.

URS

PHOTOGRAPHIC LOG

Client Name: Twitchell Corporation	**Site Location:** 4031 Ross Clark Circle NW, Dothan Alabama 36304	**Project No.** 15262684

Photo No. **41**

Date: 5/17/11

Direction Photo Taken:

Southwest

Description:

View of the utility-owned power substation located immediately adjacent to the southwestern corner of the subject property.

Photo No. **42**

Date: 5/17/11

Direction Photo Taken:

South

Description:

View of the plant courtyard driveway area, including dumpsters and rolloff containers for trash.

Appendix B Curricula Vitae of URS Personnel

URS

Sarah J. Hibbs

Environmental Scientist

Overview

Ms. Hibbs, in previous and current work experiences, has performed and managed many Environmental Site Assessments throughout Georgia and South Carolina, in accordance with ASTM standards, and has managed numerous Phase II Environmental Site Assessments. Ms. Hibbs has performed many Asbestos Building Inspections in a wide variety of settings, including several Department of Defense facilities, industrial facilities, educational institutions, and National Historic Landmark sites. In addition to asbestos inspection, she has designed abatement plans and acted as project coordinator and manager for an assortment of projects, including the abatement and historical preservation of significant landmarks, public government buildings, and other federally funded sites.

Ms. Hibbs has also conducted multiple National Environmental Protection Act (NEPA) Evaluations, Georgia Environmental Protection Act (GEPA) Evaluations, Wetlands Identification and Delineation, Stream Assessments, and Hazardous Materials Inspections. She has participated in the preparation and writing of Environmental Assessments (EA) and Environmental Impact Statements (EIS), in addition to field activities and reporting involved with Underground Storage Tank closure and contaminant remediation. Additionally, Ms. Hibbs routinely performs and manages multi-site portfolio compliance audits for commercial and manufacturing facilities for a variety of real estate clients. Specifically, Ms. Hibbs has conducted the following activities:

Areas of Expertise

Phase I & II Environmental Site Assessments (ESAs)

Due Diligence

Soil and Groundwater Assessment

Regulatory Compliance

UST Assessment, Closure, and Corrective Action

Asbestos Surveys, Operations and Maintenance (O&M) Plan Preparation

Environmental Drilling and Sampling

Environmental Assessments (EAs) and Environmental Impact Statements (EISs) for various government agencies

Years of Experience

With URS: 1 Year
With Other Firms: 7 Years

Education

BS/Applied Biology/2003/Georgia Institute of Technology

BS/Environmental Engineering/Currently In Progress (2010)/Georgia Institute of Technology

Project Specific Experience

- Managed and performed hundreds of Phase I Environmental Site Assessments for commercial, industrial, residential, and undeveloped properties throughout the United States. Activities included review of existing environmental and historical data concerning the site and surrounding properties; visual evaluation of the site; meetings with property owners of the site and surrounding sites; sampling for suspect asbestos materials, lead-based paints, and radon gas; review of existing property information; and preparation of final report and recommendations.
- Managed, prepared scopes of work, and established budgets for numerous Phase II assessments with regard to soil and groundwater contamination associated with leaking underground storage tank systems, dry cleaners, industrial properties, automotive repair facilities, and other sources of environmental impairment. Activities included soil sampling and classification; groundwater monitoring well design, installation, development, and sampling; interpretation of groundwater data; delineation of contamination plumes, and interpretation of laboratory results with regard to applicable environmental regulations.

- Performed NEPA Environmental Assessments of developed facilities in Georgia for various government entities including the Department of Veterans Affairs and Department of Defense.
- Managed and conducted asbestos surveys, asbestos abatement project design, and asbestos abatement monitoring for the Georgia Board of Regents, Department of Defense, US Department of Housing and Urban Development (HUD), and National Historic Landmark facilities.
- Managed and conducted numerous GEPA Evaluations for a wide variety of sites and locations for Georgia Board of Regents and Georgia Port Authority facilities.
- Managed and conducted compliance audits of various commercial, warehouse, and manufacturing facilities. Additionally, inspected and assisted in managing the nationwide compliance audit program for a construction equipment rental company.

Specialized Training

2006/40-Hour OSHA Health and Safety Training, Hazardous Waste Operations (OSHA 29 CFR 1910.120)
2004/AHERA Accredited Asbestos Inspector
2004/AHERA Accredited Management Planner
2004-2008/AHERA Accredited Project Designer

Chronology

6/10 – Present: URS Corporation, Atlanta, Georgia
6/06 – 6/10: ATC Associates, Inc., Marietta, Georgia
5/05 – 6/06: ECS Southeast, LLC., Marietta, Georgia
12/04 – 5/05: WPC Engineering, Inc., Savannah, Georgia

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URS

Mark B. Robinson, P.E., CHMM, CPEA

EHS Compliance Group Leader

Overview

Mr. Robinson is responsible for environmental, health, and safety regulatory compliance services for the Atlanta and Greenville, SC Compliance Practices including compliance auditing, EHS program development, SPCC plans, air permitting, modeling, and air emissions testing and reporting. He supports the chemical/pharmaceutical, petroleum, non-metallic mining, pulp & paper, semiconductor, and automotive industry sectors. He serves as Program manager for SPCC programs for several nationwide clients with over 850 sites and develops RCRA facility compliance and training requirements for hazardous waste. Mr. Robinson has performed exposure monitoring assessments for key H&S parameters for various manufacturing facilities in consultation with URS Industrial Hygienists. Mr. Robinson also provides process-engineering expertise for waste collection/ treatment systems, air quality control systems, waste minimization/ pollution prevention, and overall environmental management systems. Mr. Robinson has completed the ISO14000 Lead Auditor Training Course and has assisted facilities with gap assessments, preparation of aspects and procedures, and internal audits.

Areas of Expertise

Regulatory Guidance
Compliance Auditing
Regulatory Permitting
Process Engineering

Years of Experience

With URS: 13 Years
With Other Firms: 9 Years

Education

M.S./ Chemical Engineering/1995/ New Mexico State University

B.S./Applied Biology/1988/ Georgia Institute of Technology

Registration/Certification

Professional Engineer/North Carolina/No. 025866/2000

Certified Hazardous Materials Manager/No. 3952/1992

Certified Professional Environmental Auditor / No. 734/2011

Project Specific Experience

EHS Compliance, Training, and Auditing

Project Manager; Environmental, Health, and Safety Compliance Audit program; Greensboro, NC; TK Holdings: Directed Environmental, Health, and Safety Compliance Audit program for manufacturer of automotive restraints and components with 29 facilities in US, Brazil, UK and Mexico from 2000 - present. US facilities located in MI, NC, SC, TX, WA, GA, and OH. Client manufacturing processes include propellant manufacturing, airbag inflator and module assembly, metal plating, textile manufacturing, and textile treatment. Managed teams of 2 – 3 senior compliance auditors per site. Developed protocols for EHS media, coordinated "bubble-up" findings for corporate action, and revised program scope for multi-year tracking of findings and corrective actions. Delivered presentation to joint facilities and environmental engineers' meeting to coordinate program findings and develop facility program synergy.

Project Auditor, EHS Auditing Program; Atlanta, GA; Georgia-Pacific: Conducted environmental and health & safety audits for GP facilities in 2006 - 2011, including paper mills in LA, AL and GA, sheathing plant in VA, converting plant in GA, cup plant in SC, plywood and chip mills in MS, and gypsum mine in TX.

Project Auditor; EHS Audits, Confidential: Conducted assessment of EHS compliance for petroleum terminals in Tampa and New Orleans in 2006. Lead auditor for pipeline audit in Kentucky and West Virginia in

2009. Provided Independent Technical Review for 10 petroleum and asphalt terminals in Tennessee, Kentucky, Ohio and Indiana in 2010.

Project Auditor EHS Audits, Confidential: Conducted environmental audits for petroleum terminals in Tampa, Fort Lauderdale, Wilmington, Rochester, Rensellaer, and Roseton in 2008 and 2009.

Lead Auditor, Third-Party Health, Safety, Security and Environmental Vetting Assessments, BP: Conducted vetting assessment for new and existing businesses for petroleum terminals and ethanol transloading faciltities in FL, TN, AL, MA, NV, and NY 2008 - 2010. Revised and developed EHSS vetting protocol with BP and other consulting firm.

Technical Lead, UST Inspections, USPS: Developed strategic risk assessment protocol for USTs for application at 28 facilities in 2009 and 60 facilities in 2010. Incorporated three assessment protocols' findings into national trending reports. Developed Heating Oil Tank protocols for ASTs and USTs for application at 30 sites in 2010.

Project Manager; Multimedia Environmental Audits; Gaffney, SC, Cleveland, High Point, Mount Holly, and Gastonia, NC, Santiago Tianguistenco, Mexico, Daimler Trucks North America(formerly Freightliner): Conducted multimedia environmental audit of parts manufacturing, chassis plant, and bus manufacturing facilities 1999 – 2004 and 2008. Audit team consisted of one external and four to eight internal auditors focusing on media and management systems. Presented results for factory management review and completed final reports. Reviewed corporate auditing protocol on on-going basis and developed universal waste protocol. Project manager for audits of Freightliner facilities in Mexico, Ontario and Oregon, using corporate protocol.

Project Manager; Multiyear environmental audit program for paper mill and saw mill operations in US; Bowater: Managed compliance audit of RCRA, EPCRA, TSCA, Solid Waste, Environmental Management System and other media as part of corporate audit team 2000 to present. Assessed mill facilities in Grenada, MS, Coosa Pines, AL, Catawba, SC, Ponderay, WA, Augusta, GA and Calhoun, TN, for state and federal requirements. Assessed paper coating facilities in Covington, TN and Benton Harbor, MI. Assessed saw mill operations in Albertville, Westover, and Goodwater, AL. Presented results for factory management review and completed final reports for corporate environmental. Managed audit program for Canadian and South Korean facilities beginning in 2006.

Lead Auditor, Gap Analysis for OHSAS 18001; Austin, TX; BAE Aerospace: Conducted management system readiness review for OHSAS 18001 for defense aerospace manufacturer.

Lead Auditor, Environmental Audits; Memphis, TN, Gainesville, GA and Kennesaw, GA; Johnson and Johnson: Conducted environmental audits for contract manufacturing facilities. Conducted internal environmental audit for personal care products facility in Royston, GA.

Lead Auditor, EHS Audits; Texas, Georgia and Florida; Scotts: Conducted H&S audits for potting soil facilities. Conducted multimedia audits for lawn service facilities subject to state and federal pesticide and herbicide requirements in Florida and Texas.

Lead Auditor, TSD Audits, Savannah, GA, Charleston, SC and Panama City, FL; Johnson & Johnson: Conducted vendor qualification audits of waste-to-energy combustors.

Lead Auditor, EHS Audits, North Carolina, Wisconsin, and Michigan, Confidential: Conducted multimedia environmental audits and Phase I ESA reports for heavy machinery/transformer manufacturer as part of triennial corporate program.

Lead Auditor EHS Audits, GA and PA, Confidential Pharmaceutical: Conducted audits of GA manufacturing and PA research & development facilities in 2008.

Project Auditor, EHS Audits, MI, WV, GA and LA, Graphic Packaging International: Conducted audits of GA box plant in 2007, MI and GA paper mills 2008, WV bag plant 2008, and LA paper mill in 2004 and 2008. Lead auditor for packaging plant audits.

Project Auditor, TSCA Integration Audits, FL and GA, Confidential: Conducted assessment of acquired facilities' TSCA compliance systems and programs 2007.

Project Auditor; EHS Auditor, Confidential: Conducted assessment of EHS compliance for theme park, water park, and television studios for major broadcast corporation. Audit process included review of elements for EHS management system. Audit recording used corporate web-based audit tool.

Project Auditor; Environmental Auditor, Confidential: Conducted assessment of wastewater compliance for heavy chiller and refrigeration equipment manufacturer. Audit process included detailed recommendations for improvements to the wastewater pretreatment system.

Project Auditor Environmental Audit, Augusta, GA, Pfizer: Conducted audits of GA pharmaceutical manufacturing facility in 2004.

Project Auditor; Assessment of RCRA Compliance, Confidential: Conducted assessment of RCRA compliance in preparation for 5-year compliance audit mandated under consent decree for manufacturer of adhesives and water-based polymers. Prepared RCRA Subpart CC Compliance Plan and improved existing Drum Management Plan.

Project Auditor; Compliance Audit; Research Triangle Institute: Audit team for this non-profit research facility consisted of three external auditors. Facility manages mixed waste under a Part A Interim Storage Permit. Conducted Hazardous Waste and Spill Prevention protocols and presented results to research facility management.

Lead Auditor; Environmental, Health, and Safety Compliance Audit; Confidential: conducted Environmental, Health, and Safety

Compliance Audit for turbine and reciprocating compressors manufacturer with two 1MM-square foot facilities in NY.

Lead Auditor; Compliance Audit and Phase I Environmental Site Assessments; Confidential: Conducted Compliance Audit and Phase I Environmental Site Assessments for 7 fiber optic cable manufacturing facilities in NC.

Lead Auditor; Compliance Audit and Phase I Environmental Site Assessment; Greenville, SC; Confidential: Conducted limited Compliance Audit and Phase I Environmental Site Assessment of electronics manufacturing plant.

Lead Auditor EHS Compliance Audit; Greer, SC; Confidential: Conducted EHS compliance audit of tungsten carbide sintering plant.

Lead Auditor; EHS Compliance Audit; Roebuck, SC; Griffin Gear: Conducted EHS compliance audit of gear box machining and rebuild facility.

Lead Auditor; Environmental compliance audit, Gastonia, NC, Red Valve: conducted environmental compliance audit of rubber check-valve manufacturing operations.

Lead Auditor; Compliance Audit; Confidential: Conducted Environmental Compliance Audit for marble operations.

Project Auditor; Limited Compliance Audit and Phase I Environmental Site Assessment; Invensys/Rexnord: Conducted limited Compliance Audit and Phase I Environmental Site Assessment of gear box manufacturing facility in Staunton, VA and industrial drive chain facility in Morganton, NC.

Project Manager, Environmental Permitting and Program Development; Jefferson, GA, Kubota Industrial Equipment: Permitted air, waste, wastewater, storm water, and boiler for tractor assembly plant start-up as part of larger construction management program. Developed plans and procedures for waste, storm water, and SPCC media. Conducted training sessions for employees for waste, storm water and SPCC.

Lead Engineer, RCRA Hazardous Waste Tank Certification, Cleveland, TN; Schering-Plough Healthcare Products: Prepared written tank certification report for waste alcohol tank in accordance with RCRA Subpart J requirements.

Senior Technical Review, RCRA Part B Permit Renewal, Robins AFB, GA: Provided senior and final review for RCRA Part B Permit Application for the 5-year renewal of the hazardous waste treatment, storage, and disposal (TSD) operations at Buildings 359 and 352.

Program Manager; RCRA program documentation, Gastonia, NC; Stabilus: Developed RCRA program documentation for gas spring manufacturing facility, including 90-day storage area management, satellite accumulation, characterization specifications, shipping and manifesting guidance, and RCRA and HazCom training revisions. Developed

program specifications to meet factory ISO standards and environmental management system.

Project Manager; Checklist Development, White Plains, NY; PAXAR Corporation: Developed Environmental, Health, and Safety Checklists for corporate EHS auditing program.

Project Manager; Turn-key Waste Management Assistance; Columbia, SC; Intel Corporation: Provided turn-key waste management assistance to conditionally exempt small quantity generator from characterization to EPA notification to packaging of waste.

Project Manager; Comparable Fuels Investigation, Chandler, AZ and Portland, OR; Intel Corporation: Managed the investigation of bulk solvent wastestreams as EPA "Comparable Fuels". Developed statistical analysis for waste analysis plans.

Project Engineer; Various Training Classes; Chandler, AZ; Intel Corporation: Developed corporate internal auditor training class, corporate hazardous waste training certification class, and site universal waste training class. Conducted hazardous waste and universal waste training at both Chandler facilities.

Project Manager; Implementation of RCRA Subparts; Chandler, AZ; Intel Corporation: Drove implementation of RCRA Subparts BB/CC in advanced semiconductor manufacturing facility and integrated leak monitoring requirements with site preventative/corrective maintenance system.

Project Manager; HazWaste Projects, Chandler, AZ; Intel Corporation: Drove projects to meet goals for HazWaste and solid waste recycling under Intel's Project XL Final Project Agreement for the campus, including implementation of Wood Crate Recycling to capture 60 tons/month from solid waste.

Project Manager; Various Waste Reduction; Chandler, AZ; Intel Corporation: Minimized wastes from new manufacturing process at semiconductor tool level by optimizing physical separations for hazardous/non-hazardous streams. Reduced non-recyclable waste generation by 1200 gallons per week in two collection systems.

Project Manager; Various Waste Reduction; Rio Rancho, NM; Intel Corporation: Drove reduction of arsenic debris waste by implementation of PPE segregation. Implemented testing program to determine water quantity in solvent waste streams on periodic basis and track down high-water content wastestreams.

Industrial Hygiene and Safety Management

Health and Safety Program Audit Leader, Confidential Client: Served as health and safety program audit leader for propellant manufacturing facilities subject to Process Safety Management.

Project Manager, Risk Management Plan Update; Stanley, NC, DSM Desotech: Updated program documents and PSM manual for UV coatings operation. Prepared updated Program 3 RMP documents for submittal based on revised process parameters.

Project Manager, PSM and Risk Management Plan Development; Cleveland, TN, Schering-Plough Healthcare: Assembled program documents and developed PSM manual for aerosol warehouse and repackaging operation. Prepared Program 1 RMP documents and submittal.

Project Manager; Air Quality Evaluation; USPS, Franklin, NC: Managed program to evaluate indoor air quality at facility, with specific focus on molds.

Project Manager; Contaminant Assessment; Gastonia, NC; Stabilus: Assessed employee exposures for solvents and metals in manufacturing facility for gas springs.

Project Manager; Environmental Design; Lancaster, SC; Duracell: Led design of personnel guards for automated storage retrieval system crane.

Project Manager; Lead Dust Assessments; Charlotte, NC, Miami, FL, and Los Angeles, CA; Modine Manufacturing: Led assessment of lead dust cleanups at former radiator manufacturing facilities using ASTM lead wipe sampling. Provided statistical analysis regarding the cleaning methods, impact to different building material surfaces, and repeatability.

Project Manager; Arsenic Exposures Assessment; Belmont, NC; Quail Ridge Construction: Oversaw assessment of arsenic exposures during boiler pre-heater demolition at Duke Power's Allen Steam Plant.

Project Manager; Air Quality Assessment; Florida; AT&T: project manager for indoor air quality assessment of Florida office building formerly used for circuit board manufacturing.

Environmental Management Systems

Project Engineer; ISO 14001 Gap Analysis; Aurora, NC: On-site project leader for ISO14001 Gap Analysis for phosphate rock mining and agrichemical complex in preparation for NC Environmental Stewardship program.

Program Manager; ISO 14001 Implementation; Gastonia, NC; Stabilus: Consulted with site to develop EMS in preparation for ISO 14001 registration. Key activities included document control assessment, audit protocol development, and on-going project management review over 12-month implementation period. Conducted initial aspects, goals, and targets assessment for EMS.

Project Engineer; Decontamination Program;, Chandler, AZ; Intel Corporation: Implemented synergized Decontamination program for returnable parts to vendors across all Intel 200-mm Fabs.

Program Manager; Environmental Training; Portland, OR; Freightliner Corporation: Developed environmental guidance and training document for Freightliner's dealership operations including parts and service, paint and body, and truck washing.

Lead Auditor, NEPT EMS Assessment, Cleveland, TN, Schering-Plough Healthcare: Performed environmental management system assessment under EPA's National Environmental Performance Track protocol.

Air Permitting, Modeling, and Emissions Testing

Project Manager; Risk Management Plan; Raeford, NC; Unilever Home and Personal Care: Completed Program 3 RMP for aerosol consumer products facility as well as warehousing operations nationwide. Revised Program 3 RMP for new propellant mixtures.

Project Manager; Air Permitting; Orangeburg, SC; Associated Chemists: Permitting of baghouse sources at specialty chemical manufacturer for lumber industry. Permitting efforts also included development of monitoring, operations, and maintenance plan.

Project Engineer; Air Permitting; Chester, SC; Willamette Industries: Completed an air permit application and BACT evaluation for a lumber mill at an existing Title V plywood facility.

Project Engineer; Air Permitting; Hartwell, GA; Springs Industries: Completed air permit applications to add boilers and weaving/slashing operations at institutional towel facility.

Project Engineer; VOC Reduction Program; Chandler, AZ; Intel Corporation: Implemented presaturated wipes program to reduce fugitive VOC emissions from advanced semiconductor manufacturing facility.

Project Engineer; Stack Testing; Albuquerque, NM; El Paso Natural Gas: Conducted emissions testing for PEMS/CEMS on compressor stations on Navajo Nation in northern Arizona.

Project Engineer; Stack Testing; Farmington, NM; Farmington Electric Utility System: Conducted emissions testing for electric power generating plant in Farmington.

Spill Prevention, EPCRA, HMMP, and Emergency Response

Program Manager, SPCC Plans; Nationwide and US Territories; AT&T: Project Manager for nationwide contract to prepare Spill Prevention Control and Countermeasures (SPCC) Plans, implementation and training for office and switch locations. Developed SPCC training program for AT&T School of Business & Technology and coordinated local delivery of training. Coordinated logistics for delivering AT&T-specified spill kits for facilities. To date, URS has completed 1150 SPCC plans for AT&T business units (Wireless/Cingular/Mobility, Local

Services, Network Services, Global Real Estate, and Broadband) under this contract.

Task Leader, SPCC and UST O&M Plan Development, Nationwide, US Postal Service: Prepared template documents for USPS facilities for both SPCC and UST Operations, Maintenance, and Management Plans. Integrated federal and state regulations, as well as USPS management policies, into plan templates, with focus on EPACT 2005 UST changes and 2008 SPCC regulatory changes. Developed risk-assessment inspection/survey protocol to evaluate UST systems at over 30 USPS facilities.

Project Manager, SWPPP Development; LaGrange, Ga, ExxonMobil Films Plant: Prepared storm water pollution prevention plan for industrial facility that produces films from plastic pellets and beads. Bead handling results in work practice and structural BMPs to minimize impact to storm water.

Project Manager; ICP Development; Orangeburg, SC; Associated Chemists: Developed Integrated Contingency Plan for specialty chemical manufacturer for lumber industry. Project Manager for compliance assessment and on-site EHS assistance at Orangeburg facility.

Project Engineer; SPCC Template Plan Development; Burkville, AL; Air Products & Chemicals, Inc.: Reviewed and upgraded corporate SPCC template with 2002 regulatory update. Applied template to Burkville plant plan.

Project Engineer; SPCC Plan Review; Bonneville, OR; US Army Corps of Engineers, Portland District: Reviewed SPCC plan for Bonneville Locks & Dam.

Program Manager; ICP Development; Gastonia, NC; Stabilus: Developed Emergency Response Plan based on Coast Guard "One Plan" guidance using National Fire Service IMS framework.

Project Manager; ICP Development; Huger, SC; Nucor Steel: Developed Integrated Contingency Plan for specialty steel mill to meet BMP plan, RCRA, and 2002 SPCC requirements.

Project Engineer; HMMP Development; Chandler, AZ; Intel Corporation: Installed electronic Hazardous Material Inventory Statement (HMIS) system for direct submittal of data to local fire department.

Project Engineer; HMMP Development; Chandler, AZ; Intel Corporation: Managed submittals of Hazardous Materials Management Plan to local fire department and participated in city-wide users group to manage format and content for semiconductor manufacturers and suppliers.

Remediation Project Management

Project Engineer, Wastewater Permitting; Kinston, NC; DuPont Kentec: Prepared modification to groundwater treatment system to add

infiltration gallery for treated groundwater. Provided engineering review to water discharge permit application.

Project Engineer; Section 404 Permitting for Stream Bed Excavation; Durham, NC; Honeywell: Prepared detailed permitting guidance for stream bed excavation. Permits included Section 404 and 401 Wetlands/ Water Quality, Sedimentation / Erosion Control, and Stormwater Control. Prepared permit applications and coordinated with Goose Creek Alliance to improve water quality.

Project Engineer; Spill Clean-up; Chocowinity, NC; Dames & Moore/Brookhill: Supervised cleanup of 15,000-gallon oil spill in creek beds and marshland.

Project Manager; DDT Spill Remediation; Plattsburgh AFB, NY: Supervised pesticide spill removal, transporting over 600 tons of DDT-contaminated soils by rail to landfill. Replaced 1/4-mile section of rail bed.

Project Manager; PCB Concrete Removal; Rogersville, TN; TVA - John Sevier Steam Plant: Supervised the scabbling of PCB-contaminated concrete to depth using HEPA-filtered concrete removal unit and installation of polymer concrete floor.

Environmental Assessment Management

Project Manager; Due Diligence; NC, WA, & GA; GE Energy: Managed data room review and Phase I Environmental Site Assessments (ESAs) of Energy Delivery Services' facilities.

Project Manager; Due Diligence; Fort Worth, Texas; StyroChem US Limited: Performed Phase I ESAs for crystal polystyrene bead and expandable polystyrene bead manufacturing facilities.

Project Engineer; Due Diligence; Calhoun, GA; Omnova: Performed Phase I ESA for latex manufacturing facility that supports tire and carpet industries.

Project Engineer; Due Diligence; Jackson, TN; Aurora Foods: Phase I ESA for frozen food manufacturing and warehouse facility.

Project Manager; Due Diligence; International: Managed data room review and Phase I ESAs for Pacific Rim shipping terminals for major shipping line in Alaska, Hawaii, California, Hawaii, and Guam. Examined environmental liabilities for marine vessels at end-of-life.

Project Manager; Due Diligence; Mississippi, Louisiana, and New Mexico; Mississippi Chemical Corporation: Project Manager for Phase I ESAs of nitrogen/ammonia/urea, phosphate, and potash production plants. Performed Phase I ESAs for potash mining and milling operations. Managed Phase I ESAs for fertilizer warehouses across southeastern US.

Project Manager; Due Diligence; various North American sites; Freightliner Corporation: Managed Phase I Environmental Site Assessments at over 40 truck dealerships for Freightliner Market

Development Corporation, including Toronto, Syracuse, Tampa, Scranton, and Chattanooga. Managed Phase I ESAs for bus manufacturing operations in Greensboro and Atlanta.

Project Manager, Due Diligence, Ripplemead, VA, Chemical Lime: Performed Phase I ESA and Acquisition Audit for two limestone mining and quicklime kiln facilities in southwest VA. Prepared asbestos O&M plan and delivered on-site training sessions.

Professional Societies/Affiliates

Auditing Roundtable, 2002-2010

Academy of Certified Hazardous Materials Managers (ACHMM), 1992-2010

ACHMM Professional Development Task Force 2002-2010

Languages

English

Spanish - written

Chronology

1998 – Present: URS/Dames & Moore, Atlanta, GA and Charlotte, NC

1995 – 1998: Intel Corporation, Chandler, AZ and Rio Rancho, NM

1994 – 1995: Kramer & Associates, Inc., Albuquerque, NM

1992: Signal Environmental, Chattanooga, TN

1989 – 1992: Laidlaw Environmental, Chattanooga, TN

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Appendix C EDR-Radius Map with Geocheck

Twitchell
4031 Ross Clark Circle NW
Dothan, AL 36303

Inquiry Number: 3068048.2s
May 16, 2011

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

4031 ROSS CLARK CIRCLE NW
DOTHAN, AL 36303

COORDINATES

Latitude (North):	31.255500 - 31˚ 15' 19.8''
Longitude (West):	85.401400 - 85˚ 24' 5.0''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	652216.0
UTM Y (Meters):	3458835.5
Elevation:	322 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	31085-C4 MIDLAND CITY, AL
Most Recent Revision:	1981
South Map:	31085-B4 DOTHAN WEST, AL
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2006
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TWITCHELL CORP 4031 ROSS CLARK CIR NW DOTHAN, AL 36303	TRIS	36304TWTCH40
TWITCHELL CORPORATION 4031 ROSS CLARK CIRCLE, NW DOTHAN, AL 36303	TIER 2	N/A
TWITCHELL CORP 4031 ROSS CLARK CIRCLE DOTHAN, AL 36303	RCRA-CESQG FINDS	ALD983172297
LUDLOW COATED PRODUCTS DOTHAN PLA 4031 ROSS CLARK CIRCLE DOTHAN, AL 36304	RCRA-NonGen	ALN971013000

EXECUTIVE SUMMARY

LUDLOW COATED PRODUCTS DOTHAN PLA FINDS N/A
4031 ROSS CLARK CIRCLE
DOTHAN, AL 36304

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ..... Hazardous Substance Cleanup Fund

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Permitted Landfills

State and tribal leaking storage tank lists

LAST ..... List of AST Release Incidents
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Site Listing
INST CONTROL ..... Land Division Brownfields 128(a) Program Site Listing
AUL ..... Environmental Covenants

State and tribal voluntary cleanup sites

VCP ..... Cleanup Program Inventory
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Land Division Brownfields 128(a) Program Site Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY ..... Recycling/Recovered Materials Processors Directory
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
AOCONCERN ..... Area of Concern
CDL ..... Clandestine Methamphetamine Lab Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Emergency Response Data

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
NPDES	NPDES Permit Listing
DRYCLEANERS	Drycleaner Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Sites
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LILLY INDUSTRIAL COATINGS INC	***2305 INDUSTRIAL RD***	***N 1/4 - 1/2 (0.351 mi.)***	***27***	***149***

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2011 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUNBARTON CORP SLIMFOLD DIVISI	***868 MURRAY ROAD***	***N 0 - 1/8 (0.004 mi.)***	***D9***	***42***

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2011 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GULF COAST TRUCK & EQUIPMENT C	736 TWITCHELL ROAD	S 0 - 1/8 (0.087 mi.)	14	108
UNIGLOBE KISCO INC C/O DOTHAN	980 MURRAY ROAD	W 1/8 - 1/4 (0.135 mi.)	19	122

EXECUTIVE SUMMARY

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2011 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOTHAN CHRYSLER PLYMOUTH DODGE	***4074 ROSS CLARK CIRCLE***	***SE 0 - 1/8 (0.004 mi.)***	***C7***	***36***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANSELL HEALTHCARE	***1500 INDUSTRIAL RD***	***N 0 - 1/8 (0.013 mi.)***	***B10***	***47***
LAFARGE BUILDING MATERIALS DOT	611 ROGERS ROAD	WSW 0 - 1/8 (0.120 mi.)	E17	119
CQ PAINTS OF DOTHAN AL #8328	***4145 ROSS CLARK CIRCLE***	***E 1/8 - 1/4 (0.209 mi.)***	***23***	***132***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Management's Leaking Underground Storage Tank Listing.

A review of the LUST list, as provided by EDR, and dated 04/01/2011 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COUCH TRUCK OFFICE & SHOP STOR	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.053 mi.)***	***C12***	***61***
SEARS WAREHOUSE	***3903 ROSS CLARK CR***	***WSW 1/8 - 1/4 (0.236 mi.)***	***25***	***139***
PANTRY #3643 COWBOYS	***4196 ROSS CLARK CIRCLE***	***E 1/4 - 1/2 (0.439 mi.)***	***28***	***207***
COUCH,DOTHAN TRUCK OFF.(PIT A:	381 TWITCHELL RD (WAS =	S 1/4 - 1/2 (0.472 mi.)	29	223

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANSELL INC	***1500 INDUSTRIAL RD***	***N 0 - 1/8 (0.013 mi.)***	***B11***	***51***
CONCRETE INC	***RODGERS PO BOX 1112***	***WSW 0 - 1/8 (0.108 mi.)***	***E15***	***109***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Management's UST Data with Owner/Site/Tank Information database.

A review of the UST list, as provided by EDR, and dated 02/23/2011 has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COUCH TRUCK OFFICE & SHOP STOR	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.053 mi.)***	***C12***	***61***
COLEMAN AMERICAN MOVING SERVIC	***109 LOFTIN ROAD***	***E 0 - 1/8 (0.057 mi.)***	***13***	***99***
ANSLEY BLDG SUPPLY FORMER TKW	***114 ZENITH RD***	***WSW 1/8 - 1/4 (0.202 mi.)***	***22***	***127***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEARS WAREHOUSE	***3903 ROSS CLARK CR***	***WSW 1/8 - 1/4 (0.236 mi.)***	***25***	***139***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNETH WHATLEY	***704 MURRAY RD***	***N 0 - 1/8 (0.002 mi.)***	***B6***	***24***
ANSELL INC	***1500 INDUSTRIAL RD***	***N 0 - 1/8 (0.013 mi.)***	***B11***	***51***
CONCRETE INC	***RODGERS PO BOX 1112***	***WSW 0 - 1/8 (0.108 mi.)***	***E15***	***109***
SCARBAROUGH AND ASSOCIATES	***580 MURRAY ROAD***	***E 1/8 - 1/4 (0.249 mi.)***	***26***	***144***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Management's AST Data with Owner/Site/Tank Information database.

A review of the AST list, as provided by EDR, and dated 02/23/2011 has revealed that there are 5 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COUCH TRUCK OFFICE & SHOP STOR	***1020 TWITCHELL RD***	***SSE 0 - 1/8 (0.053 mi.)***	***C12***	***61***
COUCH INC ASPHALT PLANT	645 TWITCHELL RD	S 1/8 - 1/4 (0.187 mi.)	21	125

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUNBARTON CORP	868 MURRAY RD	N 0 - 1/8 (0.004 mi.)	D8	40
ANSELL INC	***1500 INDUSTRIAL RD***	***N 0 - 1/8 (0.013 mi.)***	***B11***	***51***
DOTHAN CONCRETE PLANT	611 ROGERS ROAD	WSW 0 - 1/8 (0.120 mi.)	E18	121

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/11/2011 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEARS ROEBUCK AND CO 7415	***108 ZENITH ROAD***	***WSW 1/8 - 1/4 (0.221 mi.)***	***24***	***134***

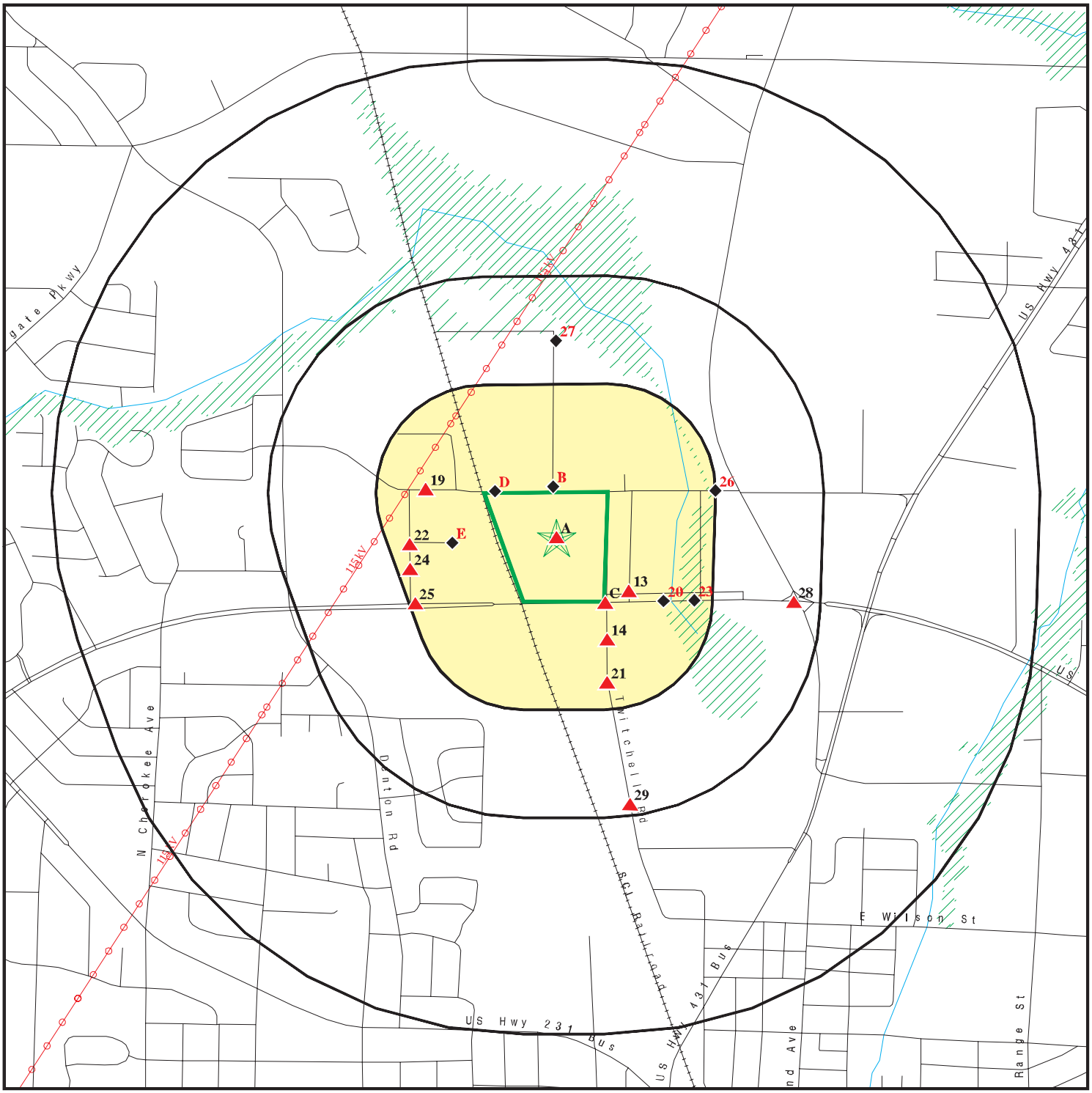
Lower Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL CHEMICALS, INC	609 ROGERS ROAD	WSW 0 - 1/8 (0.118 mi.)	E16	118
MCDOWELL ISUZU SUBARU	***4123 ROSS CLARK CIR NW***	***E 1/8 - 1/4 (0.138 mi.)***	***20***	***123***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 21 records.

Site Name	Database(s)
BULLOCK COUNTY RD. 47 DRUMS	SHWS
GATES POWER DRIVE	CERC-NFRAP, SHWS
CHARLES MANUFACTURING CO	CERC-NFRAP, RCRA-NonGen, FINDS
COUCH TRUCK OFFICE & SHOP STORAGE	LAST
RYDER TRUCK# 0684 SEE 94-3-31	LUST
CHAPMAN HOMES	LUST
WILLIFORD PROPERTY (& SEE MEGGS BP	LUST
JEFF GROCERY (HOME OIL)	LUST
SUNSH JR (EZ SERVE) #4399	LUST
LILLY INDUST. COATINGS (NOW VALSPA	LUST
SPANISH ACRES MARTS INC	UST, FINANCIAL ASSURANCE
DHN RCAG	UST, FINANCIAL ASSURANCE
SUPER C	UST, FINANCIAL ASSURANCE
NEWSDEALER INC	UST, FINANCIAL ASSURANCE
ABANDONED SERVICE CENTER	UST, FINANCIAL ASSURANCE
FUEL 24 #1	UST
TRI STATE MACHINE SHOP	AST
CITY OF KINSEY	AST
KMART	RCRA-NonGen, FINDS
BISHOP FABRICARE SERVICES	RCRA-NonGen, FINDS
DURDEN OUTDOOR DISPLAYS	RCRA-CESQG, FINDS

OVERVIEW MAP - 3068048.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern

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

SITE NAME: Twitchell	CLIENT: URS Corporation
ADDRESS: 4031 Ross Clark Circle NW Dothan AL 36303	CONTACT: Sarah Hibbs INQUIRY #: 3068048.2s
LAT/LONG: 31.2555 / 85.4014	DATE: May 16, 2011 9:10 am

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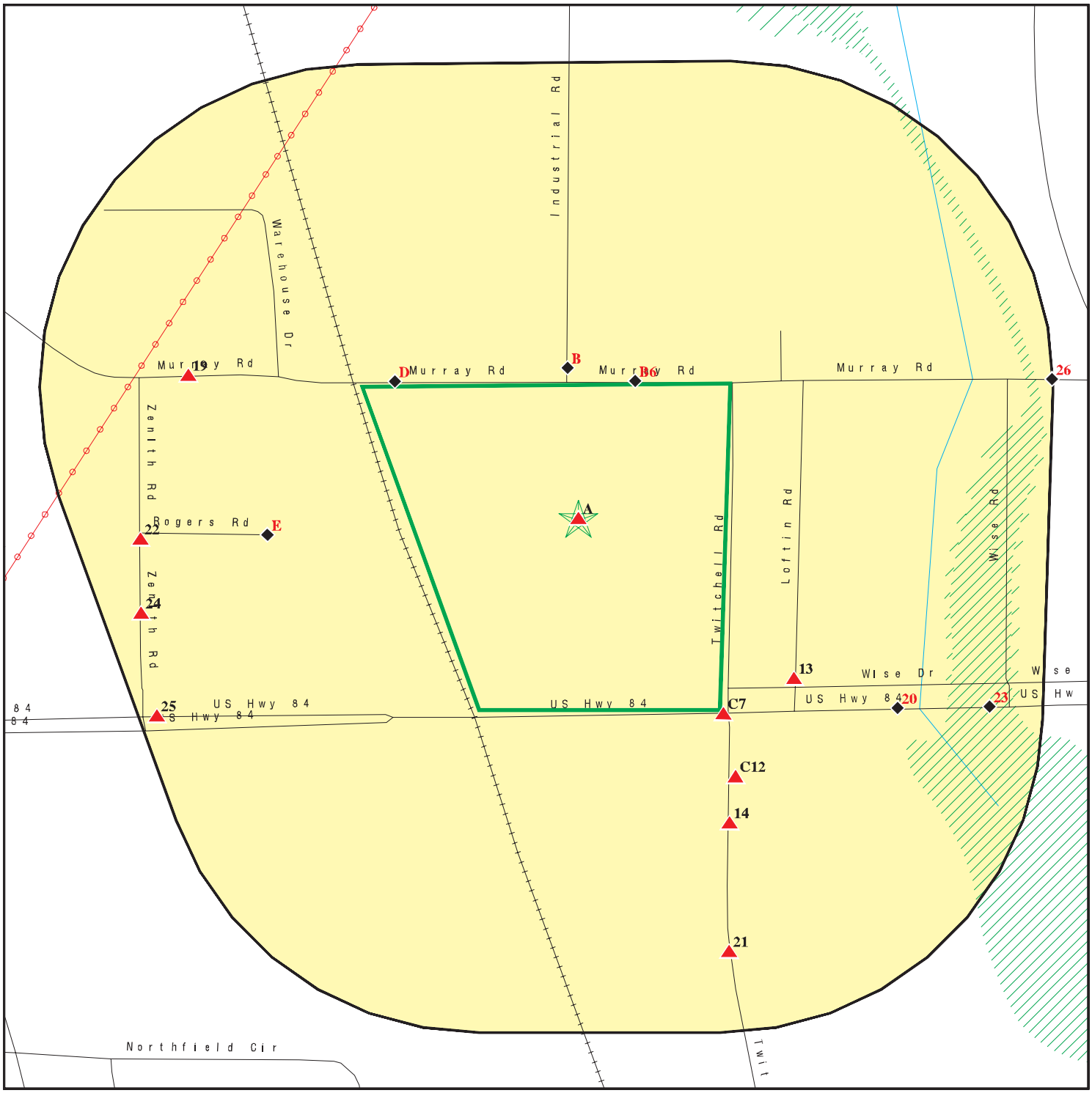
DETAIL MAP - 3068048.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern

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

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LAT/LONG: 31.2555 / 85.4014	DATE: May 16, 2011 9:10 am

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	1	0	NR	NR	NR	1
RCRA-SQG		0.250	1	1	NR	NR	NR	2
RCRA-CESQG	X	0.250	3	1	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	3	1	2	NR	NR	6
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	5	3	NR	NR	NR	8

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	4	1	NR	NR	NR	5
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	X	0.250	1	2	NR	NR	NR	3
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
TIER 2	X	TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **TWITCHELL CORP** | **TRIS** | **1012009305**
4031 ROSS CLARK CIR NW | **36304TWTCH40**
DOTHAN, AL 36303

Site 1 of 5 in cluster A

Actual: 322 ft.

A2 Target Property | **TWITCHELL CORPORATION** | **TIER 2** | **S110774947**
4031 ROSS CLARK CIRCLE, NW | **N/A**
DOTHAN, AL 36303

Site 2 of 5 in cluster A

Actual: 322 ft.

TIER 2:

Facility ID:	FATR20107RTR0S00251D
Facilty Country:	USA
All Chems. Same as Last Year:	T
Date Tier 2 Signed:	3/4/2011
Dike/Other Safeguards Employed:	Not reported
Facility Department:	Not reported
Facility Date Modified:	3/29/2011
State Fees Total:	Not reported
Facility Fire District:	Not reported
Mailing Address:	P.O. Box 8156
Mailing City,St,Zip:	Dothan, AL 36304
Mailing Country:	USA
Latitude:	31.1520
Longitude:	85.2404
Lat/Long Location Description:	CE - Center of Facility
Lat/Long Method:	UN - Unknown
Number of Employees on Site:	299
Reporting Year:	2010
Site Coordinate Abbrvtions Submitted:	Not reported
Submitted By:	Jeff Register
Alt Facility ID Type:	SIC
Alt Facility ID:	2221
Alt Facility Description:	BROAD WOVEN FABRIC MILLS, SYNT
Alt Facility Last Modified:	3/4/2011
Alt Facility ID Type:	SIC
Alt Facility ID:	2295
Alt Facility Description:	COATED FABRICS, NOT RUBBERIZED
Alt Facility Last Modified:	3/4/2011
Alt Facility ID Type:	Dun & Bradstreet
Alt Facility ID:	001023472
Alt Facility Description:	Not reported
Alt Facility Last Modified:	3/4/2011
Alt Facility ID Type:	NAICS
Alt Facility ID:	31321
Alt Facility Description:	Broadwoven Fabric Mills
Alt Facility Last Modified:	3/4/2011
Alt Facility ID Type:	NAICS
Alt Facility ID:	31332
Alt Facility Description:	Fabric Coating Mills
Alt Facility Last Modified:	3/4/2011
Contact Record ID:	CTTR20107RTS1C00627Y
Contact Name:	Maintenance Sup. Chuck Bennett
Contact Organization:	Not reported
Contact Address:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Contact City,St,Zip: Not reported
Contact City: Not reported
Contact County: Not reported
Contact Country: Not reported
Contact Email: chuckb@twitchellcorp.com
Contact Fire District: Not reported
Contact Mail Address: 4031 Ross Clark Circle, NW
Contact Mail City,St,Zip: Dothan, AL 36303
Contact Mail Country: USA
Contact Notes: Not reported
Contact Type: Emergency Contact
Contact Modified Date: 3/4/2011
Contact Record ID: CTTR20107RTSQG00B2XT
Contact Name: R&D Gena Webb
Contact Organization: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Contact City: Not reported
Contact County: Not reported
Contact Country: Not reported
Contact Email: genaw@twitchellcorp.com
Contact Fire District: Not reported
Contact Mail Address: 4031 Ross Clark Circle, NW
Contact Mail City,St,Zip: Dothan, AL 36303
Contact Mail Country: USA
Contact Notes: Not reported
Contact Type: Submitter
Contact Type: Emergency Contact
Contact Type: Regulatory Point of Contact
Contact Modified Date: 3/4/2011
Contact Record ID: CTTR20107RTST500GD0P
Contact Name: President Jeff Register
Contact Organization: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Contact City: Not reported
Contact County: Not reported
Contact Country: Not reported
Contact Email: jeffr@twitchellcorp.com
Contact Fire District: Not reported
Contact Mail Address: 4031 Ross Clark Circle, NW
Contact Mail City,St,Zip: Dothan, AL 36303
Contact Mail Country: USA
Contact Notes: Not reported
Contact Type: Owner / Operator
Contact Modified Date: 3/4/2011
Contact Record ID: CTTR20107RTSVL00MH3Y
Contact Name: VP Operations Tim Gilmore
Contact Organization: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Contact City: Not reported
Contact County: Not reported
Contact Country: Not reported
Contact Email: timg@twitchellcorp.com
Contact Fire District: Not reported
Contact Mail Address: 4031 Ross Clark Circle, NW

TWITCHELL CORPORATION (Continued) **S110774947**

Contact Mail City,St,Zip: Dothan, AL 36303
Contact Mail Country: USA
Contact Notes: Not reported
Contact Type: Emergency Contact
Contact Modified Date: 3/4/2011
Acute Health Risks: Not reported
Average Daily Amount: Not reported
Average Daily Amount Code: 05
CB Record ID: Not reported
Chemical Inventory Record ID: CVTR20107RTSZF00SUG9
Chemical Same As Last Year: True
Chronic Heath Risks: True
CAS Number: Not reported
EHS Substance: Not reported
Last Modified: 3/29/2011
MSDS Number: Not reported
Notes: Not reported
Days on Site: 365
Chemical Name: Eastman 168 DOTP
Fire Hazard: Not reported
Gas: Not reported
Liquid: True
Max Daily Amount: Not reported
Max Daily Amount Code: 05
Max Amount in Largest Container: Not reported
Mixture Form: True
"Sudden Release of Preasue" Hazard: Not reported
Pure Form: Not reported
Reactive Hazard: Not reported
Solid: Not reported
Mixture Chemical: Not reported
Mixture Percentage: Not reported
Mixture CAS: Not reported
Mixture EHS: Not reported
Mixture Last Modified: Not reported
Amount of Substnce: Not reported
Amount Units: Not reported
Type of Storage: Not reported
Number Code for Storage Pressure: Not reported
Number Code for Storage Temperature: Not reported
Last Modified: Not reported
Locate: Not reported
Acute Health Risks: True
Average Daily Amount: Not reported
Average Daily Amount Code: 04
CB Record ID: Not reported
Chemical Inventory Record ID: CVTR20107RTT7M00XWV2
Chemical Same As Last Year: True
Chronic Heath Risks: True
CAS Number: Not reported
EHS Substance: Not reported
Last Modified: 3/29/2011
MSDS Number: Not reported
Notes: Not reported
Days on Site: 365
Chemical Name: Interstab LT-4803
Fire Hazard: True

TWITCHELL CORPORATION (Continued) **S110774947**

Gas:	Not reported
Liquid:	True
Max Daily Amount:	Not reported
Max Daily Amount Code:	04
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	Not reported
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported
Average Daily Amount:	Not reported
Average Daily Amount Code:	05
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTTBH01196Y
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	9002-86-2
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	PVC Resin
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	05
Max Amount in Largest Container:	Not reported
Mixture Form:	Not reported
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	True
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported
Average Daily Amount:	Not reported
Average Daily Amount Code:	05
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTTQ40146FN
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Polypropylene Pellets
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	05
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported
Average Daily Amount:	Not reported
Average Daily Amount Code:	04
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTTZB01C4WY
Chemical Same As Last Year:	Not reported
Chronic Heath Risks:	True
CAS Number:	1317-65-3
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Calcium Carbonate
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Max Daily Amount Code:	04
Max Amount in Largest Container:	Not reported
Mixture Form:	Not reported
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	True
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	04
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTU1M01F4BP
Chemical Same As Last Year:	True
Chronic Heath Risks:	Not reported
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Titanium Dioxide
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	04
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Average Daily Amount:	Not reported
Average Daily Amount Code:	05
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTU6E01J99H
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	Not reported
EHS Substance:	T
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Blended Master Batch
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	05
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	03
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTVG101V0N5
Chemical Same As Last Year:	True
Chronic Heath Risks:	Not reported
CAS Number:	74-98-6
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Propane
Fire Hazard:	True
Gas:	True
Liquid:	True
Max Daily Amount:	Not reported
Max Daily Amount Code:	03
Max Amount in Largest Container:	Not reported
Mixture Form:	True

TWITCHELL CORPORATION (Continued) **S110774947**

"Sudden Release of Preasue" Hazard:	True
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	Not reported
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	03
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTVKF01XYZX
Chemical Same As Last Year:	True
Chronic Heath Risks:	Not reported
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	MW-3019
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	True
Max Daily Amount:	Not reported
Max Daily Amount Code:	03
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	Not reported
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	04
CB Record ID:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Chemical Inventory Record ID:	CVTR20107RTVNG020L1Z
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Various Product Pigments
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	05
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported
Average Daily Amount:	Not reported
Average Daily Amount Code:	04
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTVU2027E5X
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Polyethylene Pellets
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	04
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	02
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RTVX702B4PL
Chemical Same As Last Year:	True
Chronic Heath Risks:	True
CAS Number:	58-36-6
EHS Substance:	T
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Intercide ABF-5 (arsine)
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	True
Max Daily Amount:	Not reported
Max Daily Amount Code:	02
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	Not reported
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	03
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RU15D02F94Q
Chemical Same As Last Year:	True
Chronic Heath Risks:	True

TWITCHELL CORPORATION (Continued) **S110774947**

CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Nyacol 30-107
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	03
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	True
Average Daily Amount:	Not reported
Average Daily Amount Code:	03
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RU17S02JAU6
Chemical Same As Last Year:	True
Chronic Heath Risks:	Not reported
CAS Number:	Not reported
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	ThermoGuard CPA
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	03
Max Amount in Largest Container:	Not reported
Mixture Form:	True
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	Not reported
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported

TWITCHELL CORPORATION (Continued) **S110774947**

Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported
Acute Health Risks:	Not reported
Average Daily Amount:	Not reported
Average Daily Amount Code:	01
CB Record ID:	Not reported
Chemical Inventory Record ID:	CVTR20107RU19K02MVTN
Chemical Same As Last Year:	Not reported
Chronic Heath Risks:	True
CAS Number:	12125-02-9
EHS Substance:	Not reported
Last Modified:	3/29/2011
MSDS Number:	Not reported
Notes:	Not reported
Days on Site:	365
Chemical Name:	Ammonium Chloride
Fire Hazard:	Not reported
Gas:	Not reported
Liquid:	Not reported
Max Daily Amount:	Not reported
Max Daily Amount Code:	01
Max Amount in Largest Container:	Not reported
Mixture Form:	Not reported
"Sudden Release of Preasue" Hazard:	Not reported
Pure Form:	True
Reactive Hazard:	Not reported
Solid:	True
Mixture Chemical:	Not reported
Mixture Percentage:	Not reported
Mixture CAS:	Not reported
Mixture EHS:	Not reported
Mixture Last Modified:	Not reported
Amount of Substnce:	Not reported
Amount Units:	Not reported
Type of Storage:	Not reported
Number Code for Storage Pressure:	Not reported
Number Code for Storage Temperature:	Not reported
Last Modified:	Not reported
Locate:	Not reported

A3 Target Property | **TWITCHELL CORP**
4031 ROSS CLARK CIRCLE
DOTHAN, AL 36303 | **RCRA-CESQG FINDS** | **1000460427**
ALD983172297

Site 3 of 5 in cluster A

Actual: 322 ft.

RCRA-CESQG:

Date form received by agency:	10/18/2010
Facility name:	TWITCHELL CORPORATION
Facility address:	4031 ROSS CLARK CIRCLE NW DOTHAN, AL 363040156
EPA ID:	ALD983172297
Mailing address:	P O BOX 8156 DOTHAN, AL 363040156
Contact:	GENA WEBB
Contact address:	P O BOX 8156 DOTHAN, AL 363040156
Contact country:	US
Contact telephone:	(334) 792-0002
Telephone ext.:	1351
Contact email:	GENAW@TWITCHELLCORP.COM
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	LUDLOW CORPORATION
Owner/operator address:	TWO TYCO PARK EXETER, NH 03883
Owner/operator country:	Not reported
Owner/operator telephone:	(603) 778-9700
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported
Owner/operator name:	WINDPOINT PARTNERS
Owner/operator address:	N MICHIGAN AVE STE 3300 CHICAGO, IL 60611
Owner/operator country:	US
Owner/operator telephone:	(312) 255-4800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/01/2000
Owner/Op end date:	Not reported

TWITCHELL CORP (Continued) **1000460427**

Owner/operator name: TWITCHELL CORPORATION
Owner/operator address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 792-0002
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/07/2009
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/14/2009
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/18/2007
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/13/2006
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/17/2005
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/07/2004
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/29/2004
Facility name: TWITCHELL CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

TWITCHELL CORP (Continued) **1000460427**

Date form received by agency: 04/06/1998
Facility name: TWITCHELL CORPORATION
Site name: TWITCHELL DIV OF LUDLOW CORPORATION
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D008
Waste name: LEAD

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/13/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000369075

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

TWITCHELL CORP (Continued) **1000460427**

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Alabama Permit Tracking - The Alabama Department of Environmental Management (ADEM) Permit Tracking system provides data entry, retrieval and accounting functions and includes general data about facilities, their ADEM permits, and fees owed and paid.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

A4 Target Property | **LUDLOW COATED PRODUCTS DOTHAN PLANT** | **RCRA-NonGen** | **1007090793**
4031 ROSS CLARK CIRCLE | **ALN971013000**
DOTHAN, AL 36304

Site 4 of 5 in cluster A

Actual: 322 ft.

RCRA-NonGen:

Date form received by agency:	10/13/1997
Facility name:	LUDLOW COATED PRODUCTS DOTHAN PLANT
Facility address:	4031 ROSS CLARK CIRCLE DOTHAN, AL 36304
EPA ID:	ALN971013000
Mailing address:	P O BOX 8156 DOTHAN, AL 36304
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

LUDLOW COATED PRODUCTS DOTHAN PLANT (Continued) **1007090793**

Owner/Operator Summary:

Owner/operator name:	LUDLOW COATED PRODUCTS
Owner/operator address:	P O BOX 8156 DOTHAN, AL 36304
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	NONE
Waste name:	None
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	10/13/1997
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

A5 Target Property **LUDLOW COATED PRODUCTS DOTHAN PLANT** **FINDS** **1007135345**
4031 ROSS CLARK CIRCLE **N/A**
DOTHAN, AL 36304

Site 5 of 5 in cluster A

Actual: 322 ft.

FINDS:

Registry ID: 110015833099

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

LUDLOW COATED PRODUCTS DOTHAN PLANT (Continued) **1007135345**

corrective action activities required under RCRA.

B6 **KENNETH WHATLEY** **UST** **U001719168**
North **704 MURRAY RD** **FINANCIAL ASSURANCE** **N/A**
< 1/8 **DOTHAN, AL 36303**
0.002 mi.
13 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
320 ft.

UST:

Owner:

Account number:	15362
RSN:	15362
Owner Name:	WILLIAM KENNETH WHATLEY
Name Wit:	WILLIAM KENNETH WHATLEY
Owner address:	704 MURRAY RD
Address Wit:	704 MURRAY RD
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36302
Owner Zip 2:	Not reported
Owner Phone:	3346776691
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	KENNETH WHATLEY
Owner Contact Phone:	3346776691
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	remailed invoice 12/20/95 kb;
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	1
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	3
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	3
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0

KENNETH WHATLEY (Continued) **U001719168**

Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	15362
O_phone packed for tracking:	3346776691
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	1495
F reg paid owner:	445
F ins paid owner:	1050
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	1495
Amount applied from check logc:	1495
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 15362 69 98	
Tank Number:	1
Capacity:	8000
Site ID:	98
Install Date:	1/1/1964
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	6/30/1998
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	12/1/1995
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	X

KENNETH WHATLEY (Continued) **U001719168**

Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/25/1995
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Yes
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	1/16/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/1/1996
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	35066
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988

KENNETH WHATLEY (Continued) **U001719168**

Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	2 XX
Bare Steel:	Yes
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	X
Sir Report Reveiwed:	X
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	15362
Year of Last Sir Report:	1994
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Date Of Inspection Of Pump Sump For Suction Piping: 1/1/1901
Sump Rev: Not reported

Facility ID: 15362 69 98
Tank Number: 2
Capacity: 10000
Site ID: 98
Install Date: 1/1/1972
Compartments: 1
Sold Date: 1/1/1901
Removal Date: 8/1/1990
Tank Contents: Unleaded Gasoline
Tank Usage: Not reported
Tank Construction Material: Steel
Tank Corrosion Protection: None or Painted (ex. asphalt)
External Pipe Protection Installed Date: 1/1/1901
Piping Material of Construction: Bare Steel
Other Pipe: Not reported
Last Usage Date: 8/1/1990
Last Quantity: 0
Retired 080888: 8/8/1988
Within Distance Of Well: X
Contested Ownership: Not reported
Start Ownership Contested Date: 1/1/1901
Bought Date: 1/1/1901
Inert: Not reported
Inert Date: 1/1/1901
Cercla Substance Name: Not reported
Cas Number: Not reported
Other Implies Compliance: Not reported
Date Cathodic Protection: Not reported
Other External Protection: Not reported
Date Int Protection Installed: 1/1/1901
Date Int Protection Install: Not reported
Three Year Cp Review: Not reported
Three Year Cp Test Date: Not reported
Interior Inspection Review: Not reported
Interior Lining Inspect Date: Not reported
Other Pipe Meets Compliance: Not reported
No Ext Prot Pipe: Not reported
Date Ext Pipe Prot Install: Not reported
Field Installed Cathodic: Not reported
Three Year Cp Review: Not reported
Three Year Cp Test Date: Not reported
Other External Prot Pipe: Not reported
Catchment Basin: Not reported
Other_ Implies Compliance: Not reported
Flow Restrictor: Not reported
Auto Shutoff: Not reported
Alarm: Not reported
Other: Not reported
Other Implies Compliance: Not reported
Atg: Not reported
Continuous Atg: Not reported
Tightness Test: Not reported
Tightness Test Date 13: 1/1/1901

KENNETH WHATLEY (Continued) **U001719168**

Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	1/16/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P

KENNETH WHATLEY (Continued) **U001719168**

Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	8/1/1991
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	35067
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Flex Manufacturer:	Not reported
Account No:	15362
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	15362 69 98
Tank Number:	3
Capacity:	10000
Site ID:	98
Install Date:	1/1/1972
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	6/30/1998
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	12/1/1995
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	X
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901

KENNETH WHATLEY (Continued) **U001719168**

Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	1/16/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/1/1996
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	35068
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Bare Steel:	Yes
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	15362
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	15362
Site ID County:	69
Site ID Number:	98
Facility Contact:	KENNETH WHATLEY
Facility Contact Phone:	3346776691
Tank Number:	1
Compliance AUST 18 R1:	Not reported

KENNETH WHATLEY (Continued) **U001719168**

Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 15362
Site ID County: 69
Site ID Number: 98
Facility Contact: KENNETH WHATLEY
Facility Contact Phone: 3346776691
Tank Number: 2
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 15362
Site ID County: 69
Site ID Number: 98
Facility Contact: KENNETH WHATLEY
Facility Contact Phone: 3346776691
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

C7 **DOTHAN CHRYSLER PLYMOUTH DODGE INCORPORATED** **RCRA-CESQG** **1000239431**
SE **4074 ROSS CLARK CIRCLE NW** **FINDS** **ALD982129579**
< 1/8 **DOTHAN, AL 36303**
0.004 mi.
19 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
331 ft.

RCRA-CESQG:
Date form received by agency: 09/20/2010
Facility name: DOTHAN CHRYSLER DODGE INC
Facility address: 4074 ROSS CLARK CIRCLE NW
DOTHAN, AL 36303
EPA ID: ALD982129579
Mailing address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36303
Contact: DANA MILANOWSKI
Contact address: ROSS CLARK CIRCLE NW
DOTHAN, AL 36303
Contact country: US
Contact telephone: (334) 794-0606
Telephone ext.: 103

DOTHAN CHRYSLER PLYMOUTH DODGE INCORPORATED (Continued) **1000239431**

Contact email:	DCPD@GRACEBA.NET
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	DINO AND ANN VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(334) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	DINO AND ANN VELAZQUEZ
Owner/operator address:	BEACHSIDE DRIVE PANAMA CITY, FL 32413
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	DOTHAN CHRYSLER DODGE INC
Owner/operator address:	P O BOX 8276 DOTHAN, AL 36304
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Operator

DOTHAN CHRYSLER PLYMOUTH DODGE INCORPORATED (Continued) **1000239431**

Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	DINO & ANN VELAZQUEZ
Owner/operator address:	200 WENTWORTH DRIVE DOTHAN, AL 36305
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported
Owner/operator name:	DINO & ANN VELAZQUEZ
Owner/operator address:	P O BOX 8276 DOTHAN, AL 36304
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/12/2003
Owner/Op end date:	Not reported
Owner/operator name:	MATT MILANOWSKI
Owner/operator address:	ROSS CLARK CIRCLE NW DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	DINO & ANN VELAZQUEZ
Owner/operator address:	P O BOX 8276 DOTHAN, AL 36304
Owner/operator country:	US
Owner/operator telephone:	(334) 794-0606
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/12/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

DOTHAN CHRYSLER PLYMOUTH DODGE INCORPORATED (Continued) **1000239431**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/18/2009
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/22/2008
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/24/2007
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/20/2006
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/14/2005
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/05/2004
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/2004
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/16/2002
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/24/2001
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/11/1993
Facility name: DOTHAN CHRYSLER DODGE INC
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/08/1993
Date achieved compliance: 03/05/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/18/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

DOTHAN CHRYSLER PLYMOUTH DODGE INCORPORATED (Continued) **1000239431**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/24/1990
Date achieved compliance: 10/05/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/24/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/05/1993
Evaluation lead agency: State

Evaluation date: 08/24/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 10/05/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110003022504

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D8 **DUNBARTON CORP** **AST** **1005447702**
North **868 MURRAY RD** **N/A**
< 1/8 **DOTHAN, AL 36303**
0.004 mi.
22 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
308 ft.

AST:
Facility ID: 11390 69 16691 Site ID: 16691
Tank Status: Currently in Use Account Number: 11390
Capacity: 147
Date Installed: 3/18/1987 Removal Date: 1/1/1901
Sold Date: 1/1/1901
Tank Contents: Kerosine Tank Usage: Industrial
Number of Compartments: 1
Tank Number: 1

DUNBARTON CORP (Continued) **1005447702**

Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	3/6/2001
Owner Signed Date:	3/6/2001
Owner Type 2:	P
Tank Add Date:	3/1/1994
Unique Tank Number:	2369
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	0
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	1
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

Facility ID:	11390 69 16691	Site ID:	16691
Tank Status:	Currently in Use	Account Number:	11390
Capacity:	147		
Date Installed:	2/9/1988	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	2
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	3/6/2001
Owner Signed Date:	3/6/2001
Owner Type 2:	P
Tank Add Date:	3/1/1994
Unique Tank Number:	2370
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0

DUNBARTON CORP (Continued) **1005447702**

AV Fuel XED: 0
Other: 0
Number of Substances XED 5: 1
Tank Type Code: A

D9
North
< 1/8
0.004 mi.
22 ft.

DUNBARTON CORP SLIMFOLD DIVISION **RCRA-LQG** **1000983347**
868 MURRAY ROAD **FINDS** **ALD067139337**
DOTHAN, AL 36303

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
308 ft.

RCRA-LQG:
Date form received by agency: 10/21/2010
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Facility address: 868 MURRAY ROAD
DOTHAN, AL 36303
EPA ID: ALD067139337
Mailing address: P O BOX 8577
DOTHAN, AL 36304
Contact: GLEN MCCARTY
Contact address: P O BOX 8577
DOTHAN, AL 36304
Contact country: US
Contact telephone: (334) 794-0661
Telephone ext.: 117
Contact email: GLENM@DUNBARTON.COM
EPA Region: 04
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: OSCAR HUGHES
Owner/operator address: P O BOX 6416
DOTHAN, AL 36302
Owner/operator country: US
Owner/operator telephone: (334) 794-0661
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: CGF INDUSTRIES
Owner/operator address: NORTH WOODLAWN BLDG 500

DUNBARTON CORP SLIMFOLD DIVISION (Continued) **1000983347**

WICHITA, KS 67220
Owner/operator country: US
Owner/operator telephone: (316) 691-4500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: GLEN MCCARTY
Owner/operator address: P.O. BOX 8577
DOTHAN, AL 36304
Owner/operator country: US
Owner/operator telephone: (334) 794-0661
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: ROBERT THEUNE
Owner/operator address: P O BOX 6416
DOTHAN, AL 36302
Owner/operator country: Not reported
Owner/operator telephone: (334) 794-0661
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/14/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/22/2009
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Large Quantity Generator

Date form received by agency: 10/01/2008
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Small Quantity Generator

Date form received by agency: 08/14/2008
Facility name: DUNBARTON CORP SLIMFOLD DIVISION

DUNBARTON CORP SLIMFOLD DIVISION (Continued) **1000983347**

Classification: Small Quantity Generator

Date form received by agency: 02/29/2008
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORPORATION, SLIMFOLD DIVISION
Classification: Large Quantity Generator

Date form received by agency: 10/15/2007
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Classification: Small Quantity Generator

Date form received by agency: 10/18/2006
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Large Quantity Generator

Date form received by agency: 10/13/2005
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Date form received by agency: 10/18/2004
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Large Quantity Generator

Date form received by agency: 10/16/2003
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Date form received by agency: 10/16/2002
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/25/2001
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Date form received by agency: 01/12/2000
Facility name: DUNBARTON CORP SLIMFOLD DIVISION
Site name: DUNBARTON CORP SLIMFOLD DIV
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

DUNBARTON CORP SLIMFOLD DIVISION (Continued) **1000983347**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/15/2006
Date achieved compliance: 05/17/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/13/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

DUNBARTON CORP SLIMFOLD DIVISION (Continued) **1000983347**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.01(3)(b)
Area of violation: Generators - General
Date violation determined: 08/09/1994
Date achieved compliance: 09/14/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/15/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/17/2006
Evaluation lead agency: State

Evaluation date: 08/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/14/1994
Evaluation lead agency: State

FINDS:

Registry ID: 110000369002

DUNBARTON CORP SLIMFOLD DIVISION (Continued) **1000983347**

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

B10 **ANSELL HEALTHCARE** **RCRA-CESQG** **1000474302**
North **1500 INDUSTRIAL RD** **FINDS** **ALD982168080**
< 1/8 **DOTHAN, AL 36303**
0.013 mi.
71 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
308 ft.

RCRA-CESQG:

Date form received by agency:	10/15/2010
Facility name:	ANSELL HEALTHCARE
Facility address:	1635 INDUSTRIAL ROAD DOTHAN, AL 36303
EPA ID:	ALD982168080
Mailing address:	INDUSTRIAL ROAD DOTHAN, AL 36303

ANSELL HEALTHCARE (Continued) **1000474302**

Contact:	JENNIFER PETERSON
Contact address:	INDUSTRIAL ROAD DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 615-2560
Contact email:	JPETERSO@ANSELL.COM
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PACIFIC DUNLOP LIMITED
Owner/operator address:	GPO BOX 77214 MELBOURNE VICTOR, OT 3001
Owner/operator country:	AU
Owner/operator telephone:	(613) 566-1888
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/16/2002
Owner/Op end date:	Not reported

Owner/operator name:	ANSELL HEALTHCARE INC
Owner/operator address:	INDUSTRIAL ROAD DOTHAN, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 794-4231
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/17/2003
Owner/Op end date:	Not reported

Owner/operator name:	ANSELL HEALTHCARE
Owner/operator address:	INDUSTRIAL ROAD DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 794-4231
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/17/2003
Owner/Op end date:	Not reported

Owner/operator name:	ANSELL HEALTHCARE INC
Owner/operator address:	INDUSTRIAL ROAD

ANSELL HEALTHCARE (Continued) **1000474302**

	DOTHAN, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 794-4231
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/17/2003
Owner/Op end date:	Not reported

Owner/operator name:	PACIFIC DUNLOP LIMITED
Owner/operator address:	GPO BOX 77214
	MELBOURNE VICTOR, OT 3001
Owner/operator country:	AU
Owner/operator telephone:	(613) 566-1888
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/16/2002
Owner/Op end date:	Not reported

Owner/operator name:	PACIFIC DUNLOP LIMITED
Owner/operator address:	GPO BOX 77214
	MELBOURNE AUSTRALIA, OT 3001
Owner/operator country:	Not reported
Owner/operator telephone:	(613) 566-1888
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	ANSELL HEALTHCARE
Owner/operator address:	INDUSTRIAL ROAD
	DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 794-4231
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/17/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

ANSELL HEALTHCARE (Continued) **1000474302**

Date form received by agency: 10/28/2009
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/07/2008
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/02/2007
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2007
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/18/2005
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/18/2004
Facility name: ANSELL HEALTHCARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/20/2003
Facility name: ANSELL HEALTHCARE
Site name: ANSELL HEALTHCARE INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/05/2002
Facility name: ANSELL HEALTHCARE
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/25/2001
Facility name: ANSELL HEALTHCARE
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/14/1993
Facility name: ANSELL HEALTHCARE
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/07/1988
Facility name: ANSELL HEALTHCARE
Site name: ANSELL HEALTHCARE PRODUCTS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

Evaluation Action Summary:

ANSELL HEALTHCARE (Continued) **1000474302**

Evaluation date: 07/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000369057

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

B11 **ANSELL INC** **LUST** **U003203881**
North **1500 INDUSTRIAL RD** **UST** **N/A**
< 1/8 **DOTHAN, AL 36302** **AST**
0.013 mi. **FINANCIAL ASSURANCE**
71 ft. **Site 3 of 3 in cluster B**

Relative:
Lower

Actual:
308 ft.

LUST:
Facility ID: 4443
Account Number: 10276
Owner Name: ANSELL INC
Owner Address: 1500 INDUSTRIAL RD

ANSELL INC (Continued) **U003203881**

Owner City,St,Zip:	DOTHAN, AL 36303
Incident Month/Yr:	6/04
Incident Number:	4
Searchable Incident Number:	UST040604
Cleanup Complete:	X

UST:

Owner:

Account number:	10276
RSN:	10276
Owner Name:	ANSELL INC
Name Wit:	ANSELL INC
Owner address:	1500 INDUSTRIAL RD
Address Wit:	1500 INDUSTRIAL RD
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36303
Owner Zip 2:	5729
Owner Phone:	2057944231
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	BILL DENT
Owner Contact Phone:	2057944231
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	2
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	3
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	3
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0

ANSELL INC (Continued) **U003203881**

Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	10276
O_phone packed for tracking:	2057944231
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	1
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	240
F reg paid owner:	240
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	240
Amount applied from check logc:	240
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 10276 69 4443	
Tank Number:	1
Capacity:	30000
Site ID:	4443
Install Date:	1/1/1983
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	4/18/2005
Tank Contents:	Mid-grade Gasoline
Tank Usage:	Emergency Power Generator
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Not reported
Other Pipe:	CU IN PVC
Last Usage Date:	5/19/2004
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901

ANSELL INC (Continued) **U003203881**

Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	11/12/1998
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	X
Three Year Cp Test Date:	4/30/2004
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	4/28/2004
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	1/1/1901
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported

ANSELL INC (Continued) **U003203881**

Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/1/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	8/27/1999
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	5/19/2005
Tank Add Date:	12/28/2000
User Who Added Tank:	JJD
Unique Tank Number:	49534
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	Yes
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901

ANSELL INC (Continued) **U003203881**

Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	TXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	P
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	10276
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

ANSELL INC (Continued) **U003203881**

Facility ID: 10276 69 4443	
Tank Number:	2
Capacity:	6000
Site ID:	4443
Install Date:	1/1/1963
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	11/12/1986
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	X
Inert Date:	11/12/1986
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported

ANSELL INC (Continued) **U003203881**

Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	5/6/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/6/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	11/12/1987

ANSELL INC (Continued) **U003203881**

Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	1750
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	10276
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported

ANSELL INC (Continued) **U003203881**

Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AST:

Facility ID:	10276 69 4443	Site ID:	4443
Tank Status:	Permanently Closed	Account Number:	10276
Capacity:	500		
Date Installed:	12/1/1991	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Kerosine	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	1
Last Usage Date A2A:	11/2/1994
One Year After Last Use Date:	11/2/1995
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	X
Operator Signed Date:	Not reported
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	2/14/1994
Unique Tank Number:	1140
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	X
Diesel XED:	0
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	1
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

ANSELL INC (Continued) **U003203881**

AL FINANCIAL ASSURANCE:

Account Number:	10276
Site ID County:	69
Site ID Number:	4443
Facility Contact:	BILL DENT
Facility Contact Phone:	2057944231
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	10276
Site ID County:	69
Site ID Number:	4443
Facility Contact:	BILL DENT
Facility Contact Phone:	2057944231
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

C12 **COUCH TRUCK OFFICE & SHOP STORAGE** **LUST** **U003547932**
SSE **1020 TWITCHELL RD** **UST** **N/A**
< 1/8 **DOTHAN, AL 36303** **AST**
0.053 mi. **FINANCIAL ASSURANCE**
278 ft. **Site 2 of 2 in cluster C**

Relative: Higher

Actual: 330 ft.

LUST:

Facility ID:	1885
Account Number:	11261
Owner Name:	COUCH INC.
Owner Address:	PO BOX 8888
Owner City,St,Zip:	DOTHAN, AL 36304
Incident Month/Yr:	1/93
Incident Number:	27
Searchable Incident Number:	UST930127
Cleanup Complete:	X

Facility ID:	1885
Account Number:	11261
Owner Name:	COUCH INC/APAC-ALABAMA, INC.
Owner Address:	PO BOX 8888
Owner City,St,Zip:	DOTHAN, AL 36304
Incident Month/Yr:	10/93
Incident Number:	17
Searchable Incident Number:	UST931017
Cleanup Complete:	X

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

UST:

Owner:

Account number:	11261
RSN:	11261
Owner Name:	APAC SOUTHEAST INC
Name Wit:	APAC SOUTHEAST INC
Owner address:	381 TWITCHELL RD
Address Wit:	381 TWITCHELL RD
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36303
Owner Zip 2:	Not reported
Owner Phone:	3347127500
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	SAM KING
Owner Contact Phone:	3347127500
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	14
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	13
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	1
Number of Contested Tanks:	0
Number of Tanks in Tank File:	14
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	11261
O_phone packed for tracking:	3347127500
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	25
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	6200
F reg paid owner:	800
F ins paid owner:	5400
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	6200
Amount applied from check logc:	6200
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 11261 69 1885	
Tank Number:	1
Capacity:	15000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	5/29/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	5/29/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	5/29/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8266
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Yes
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Yes
XXXX1998:	2 X
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	11261 69 1885	
Tank Number:		2
Capacity:		15000
Site ID:		1885

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	5/29/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	5/29/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	5/29/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8267
Fiscal Year Start Date:	10/1/2010

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Yes
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Yes
XXXX1998:	2 X
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 11261 69 1885	
Tank Number:	3
Capacity:	15000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	12/4/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	12/4/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/4/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8268
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 11261 69 1885	
Tank Number:	4
Capacity:	15000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	12/4/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Last Usage Date:	12/4/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/4/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8269
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	11261 69 1885
Tank Number:	5
Capacity:	10000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	12/4/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	12/4/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/4/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8270
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	11261 69 1885
Tank Number:	6
Capacity:	10000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	12/4/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	8/1/1991
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	8/1/1992
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8271
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	11261 69 1885
Tank Number:	7
Capacity:	10000

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	12/4/1992
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	12/4/1992
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	12/4/1993
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8272

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 11261 69 1885	
Tank Number:	8
Capacity:	10000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/29/1993
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	1/29/1993
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/29/1994
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8273
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	11261 69 1885
Tank Number:	9
Capacity:	8000
Site ID:	1885
Install Date:	1/1/1976
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/29/1993
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Other Pipe:	Not reported
Last Usage Date:	1/29/1993
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/7/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/7/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/29/1994
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	8274
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11261
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AST:

Facility ID:	11261 69 1885	Site ID:	1885
Tank Status:	Currently in Use	Account Number:	11261
Capacity:	10000		
Date Installed:	1/7/1993	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Bulk Facility

Number of Compartments:	1
Tank Number:	1
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	Not reported
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	3/1/1994
Unique Tank Number:	2333
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

Facility ID:	11261 69 1885	Site ID:	1885
Tank Status:	Currently in Use	Account Number:	11261
Capacity:	10000		
Date Installed:	1/7/1993	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Bulk Facility

Number of Compartments:	1
Tank Number:	2
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	Not reported
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	3/1/1994
Unique Tank Number:	2334
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

Facility ID:	11261 69 1885	Site ID:	1885
Tank Status:	Currently in Use	Account Number:	11261
Capacity:	10000		
Date Installed:	1/7/1993	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Bulk Facility

Number of Compartments:	1
Tank Number:	3
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	Not reported
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	3/1/1994
Unique Tank Number:	2335
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Facility ID: 11261 69 1885
Tank Status: Currently in Use
Capacity: 10000
Date Installed: 1/7/1993
Sold Date: 1/1/1901
Tank Contents: Unleaded Gasoline

Site ID: 1885
Account Number: 11261
Removal Date: 1/1/1901
Tank Usage: Bulk Facility

Number of Compartments: 1
Tank Number: 4
Last Usage Date A2A: 1/1/1901
One Year After Last Use Date: 1/1/1902
Last Quantity A2B: Not reported
Contested Ownership X: Not reported
Start Ownership Contested Date: 1/1/1901
Located Above Ground B1: Not reported
Within Distance of Well 1: Not reported
Located Underground Area B2: Not reported
Bought Date C3: 1/1/1901
Notification Not Required F8: Not reported
Operator Signed Date: Not reported
Owner Signed Date: Not reported
Owner Type 2: P
Tank Add Date: 3/1/1994
Unique Tank Number: 2336
Fiscal Year Start Date: 10/1/1999
Really Removed Or Temp Delinq: Not reported
Diesel XED: 0
Unleaded XED: 1
Midgrade XED: 0
Premium XED: 0
Kerosene XED: 0
AV Fuel XED: 0
Other: 0
Number of Substances XED 5: 1
Tank Type Code: A

AL FINANCIAL ASSURANCE:
Account Number: 11261
Site ID County: 69
Site ID Number: 1885
Facility Contact: EARL WELLS
Facility Contact Phone: 2057942631
Tank Number: 1
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 11261
Site ID County: 69
Site ID Number: 1885
Facility Contact: EARL WELLS
Facility Contact Phone: 2057942631
Tank Number: 2

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 11261
Site ID County: 69
Site ID Number: 1885
Facility Contact: EARL WELLS
Facility Contact Phone: 2057942631
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 11261
Site ID County: 69
Site ID Number: 1885
Facility Contact: EARL WELLS
Facility Contact Phone: 2057942631
Tank Number: 4
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 11261
Site ID County: 69
Site ID Number: 1885
Facility Contact: EARL WELLS
Facility Contact Phone: 2057942631
Tank Number: 5
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 11261
Site ID County: 69
Site ID Number: 1885

COUCH TRUCK OFFICE & SHOP STORAGE (Continued) **U003547932**

Facility Contact:	EARL WELLS
Facility Contact Phone:	2057942631
Tank Number:	6
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID County:	69
Site ID Number:	1885
Facility Contact:	EARL WELLS
Facility Contact Phone:	2057942631
Tank Number:	7
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID County:	69
Site ID Number:	1885
Facility Contact:	EARL WELLS
Facility Contact Phone:	2057942631
Tank Number:	8
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11261
Site ID County:	69
Site ID Number:	1885
Facility Contact:	EARL WELLS
Facility Contact Phone:	2057942631
Tank Number:	9
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

13 East < 1/8 0.057 mi. 299 ft.

COLEMAN AMERICAN MOVING SERVICES
109 LOFTIN ROAD
DOTHAN, AL 36303

UST **U001466916**
FINANCIAL ASSURANCE **N/A**

Relative: Higher

Actual: 326 ft.

UST:

Owner:

Account number:	11164
RSN:	11164
Owner Name:	COLEMAN AMERICAN MOVING SERVICES
Name Wit:	COLEMAN AMERICAN MOVING SERVICES
Owner address:	P O BOX 1568
Address Wit:	P O BOX 1568
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36302
Owner Zip 2:	Not reported
Owner Phone:	2057921117
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	PHIL OWENS
Owner Contact Phone:	2054923593
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	6
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	9
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	9
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	11164
O_phone packed for tracking:	2057921117
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	3430
F reg paid owner:	1330
F ins paid owner:	2100
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	3430
Amount applied from check logc:	3430
Amount on prev check log:	1195
Number of checks in prev log:	1
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 11164 69 4879	
Tank Number:	1
Capacity:	1000
Site ID:	4879
Install Date:	1/1/1963
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/18/1998
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Not reported
Other Pipe:	Not reported
Last Usage Date:	9/18/1998
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	X
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	5/2/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/2/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/18/1999
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	7612
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11164
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 11164 69 4879

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Tank Number:	2
Capacity:	1000
Site ID:	4879
Install Date:	1/1/1978
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/18/1998
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Not reported
Other Pipe:	Not reported
Last Usage Date:	9/18/1998
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	X
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	5/2/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/2/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/18/1999
Tank Add Date:	9/30/1988

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

User Who Added Tank:	Not reported
Unique Tank Number:	7613
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	11164
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported

COLEMAN AMERICAN MOVING SERVICES (Continued) **U001466916**

Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	11164
Site ID County:	69
Site ID Number:	4879
Facility Contact:	RUFUS RONEY
Facility Contact Phone:	2057921117
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	11164
Site ID County:	69
Site ID Number:	4879
Facility Contact:	RUFUS RONEY
Facility Contact Phone:	2057921117
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

14 South < 1/8 0.087 mi. 461 ft. | **GULF COAST TRUCK & EQUIPMENT CO INC**
736 TWITCHELL ROAD
DOTHAN, AL 36301 | **RCRA-SQG** | **1014386249**
ALR000048207

Relative: Higher

Actual: 332 ft.

RCRA-SQG:

Date form received by agency:	10/27/2010
Facility name:	GULF COAST TRUCK & EQUIPMENT CO INC
Facility address:	736 TWITCHELL ROAD DOTHAN, AL 36301
EPA ID:	ALR000048207
Mailing address:	P.O. BOX 6626 DOTHAN, AL 36302
Contact:	CAROLE MARKIS
Contact address:	P.O. BOX 6626 DOTHAN, AL 36302
Contact country:	US
Contact telephone:	(251) 476-2744
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CAROLE MARKRIS
Owner/operator address:	P.O. BOX 6267 MOBILE, AL 36606
Owner/operator country:	US
Owner/operator telephone:	(251) 476-2744
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	JIHN R. CROSS JR
Owner/operator address:	P.O. BOX 6626 DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 794-2695
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

GULF COAST TRUCK & EQUIPMENT CO INC (Continued) **1014386249**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

E15 WSW < 1/8 0.108 mi. 570 ft. | **CONCRETE INC** | **LUST** | **U003204336**
RODGERS PO BOX 1112 | **UST** | **N/A**
DOTHAN, AL 36302 | **FINANCIAL ASSURANCE**

Site 1 of 4 in cluster E

Relative: Lower

Actual: 319 ft.

LUST:

Facility ID:	2426
Account Number:	20449
Owner Name:	LAFARGE BUILDING MATERIALS
Owner Address:	12735 MORRIS ROAD EXTENSION, STE 300
Owner City,St,Zip:	ALPHARETTA, GA 30004
Incident Month/Yr:	2/99
Incident Number:	8
Searchable Incident Number:	UST990208
Cleanup Complete:	X

UST:

Owner:

Account number:	20449
RSN:	20449
Owner Name:	ANDERSON MATERIALS
Name Wit:	ANDERSON MATERIALS
Owner address:	P O BOX 1386
Address Wit:	P O BOX 1386
Owner City:	LAKE CITY
Owner State:	FL
Owner Zip:	32056
Owner Zip 2:	1386
Owner Phone:	9047583164
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	SCOTT CLEVELAND
Owner Contact Phone:	9047583164
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	3
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	4
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0

CONCRETE INC (Continued) **U003204336**

Number of Contested Tanks:	0
Number of Tanks in Tank File:	4
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	4/28/1998
Default date:	1/1/1901
Owner packed for tracking:	20449
O_phone packed for tracking:	9047583164
Owner city for tracking:	LAKE CITY
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	120
F reg paid owner:	120
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	0
Amount applied from check logc:	0
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 20449 69 2426	
Tank Number:	1
Capacity:	10000
Site ID:	2426
Install Date:	1/1/1972
Compartments:	1

CONCRETE INC (Continued) **U003204336**

Sold Date:	1/1/1901
Removal Date:	5/19/1998
Tank Contents:	Diesel
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	4/1/1998
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Yes
Tightness Test Date 13:	12/13/1992
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported

CONCRETE INC (Continued) **U003204336**

Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	12/13/1992
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/16/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	4/1/1999
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	7807
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported

CONCRETE INC (Continued) **U003204336**

Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Not reported
XXXX1998:	2 X
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Yes
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	20449
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported

CONCRETE INC (Continued) **U003204336**

Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 20449 69 2426	
Tank Number:	2
Capacity:	10000
Site ID:	2426
Install Date:	1/1/1972
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	5/19/1998
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	4/1/1998
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported

CONCRETE INC (Continued) **U003204336**

Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Yes
Tightness Test Date 13:	12/13/1992
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	12/13/1992
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported

CONCRETE INC (Continued) **U003204336**

Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/16/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/16/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	4/1/1999
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	7808
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Not reported
XXXX1998:	2 X
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Yes
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported

CONCRETE INC (Continued) **U003204336**

List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	20449
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	20449
Site ID County:	69
Site ID Number:	2426
Facility Contact:	JOHN E HUGHES
Facility Contact Phone:	2057942727
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	20449
Site ID County:	69

CONCRETE INC (Continued) **U003204336**

Site ID Number:	2426
Facility Contact:	JOHN E HUGHES
Facility Contact Phone:	2057942727
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

E16
WSW
< 1/8
0.118 mi.
624 ft.

Relative:
Lower

Actual:
320 ft.

INDUSTRIAL CHEMICALS, INC **RCRA-NonGen** **1007090846**
609 ROGERS ROAD **ALN980610002**
DOTHAN, AL 36301

Site 2 of 4 in cluster E

RCRA-NonGen:

Date form received by agency:	06/10/1998
Facility name:	INDUSTRIAL CHEMICALS, INC
Facility address:	609 ROGERS ROAD DOTHAN, AL 36301
EPA ID:	ALN980610002
Mailing address:	ROGERS ROAD DOTHAN, AL 36301
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	INDUSTRIAL CHEMICALS INC
Owner/operator address:	609 ROGERS ROAD DOTHAN, AL 36301
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

INDUSTRIAL CHEMICALS, INC (Continued) **1007090846**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	NONE
Waste name:	None
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	06/10/1998
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

E17 WSW < 1/8 0.120 mi. 633 ft. | **LAFARGE BUILDING MATERIALS DOTHAN SHOP** | **RCRA-CESQG** | **1007988730**
611 ROGERS ROAD | **ALR000033225**
DOTHAN, AL 36303

Site 3 of 4 in cluster E

Relative: Lower

Actual: 320 ft.

RCRA-CESQG:

Date form received by agency:	09/09/2010
Facility name:	LAFARGE BUILDING MATERIALS DOTHAN SHOP
Facility address:	611 ROGERS ROAD DOTHAN, AL 36303
EPA ID:	ALR000033225
Mailing address:	AIRLINE DRIVE METAIRIE, LA 70001
Contact:	SARA COOK
Contact address:	AIRLINE DRIVE METAIRIE, LA 70001
Contact country:	US
Contact telephone:	(480) 621-9055
Contact email:	SARA.COOK@LAFARGE-NA.COM
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

LAFARGE BUILDING MATERIALS DOTHAN SHOP (Continued) **1007988730**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: LAFARGE BUILDING MATERIALS
Owner/operator address: MORRIS RD EXT STE 300
ALPHARETTA, GA 30004
Owner/operator country: US
Owner/operator telephone: (678) 746-2295
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: LAFARGE BUILDING MATERIALS
Owner/operator address: MORRIS RD EXT STE 300
ALPHARETTA, GA 30004
Owner/operator country: US
Owner/operator telephone: (678) 746-2295
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/11/2010
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification: Not a generator, verified

Date form received by agency: 09/29/2008
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/24/2007
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/25/2006
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP

LAFARGE BUILDING MATERIALS DOTHAN SHOP (Continued) **1007988730**

Site name: LAFARGE BUILDING MATRLS DOTHAN SHOP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/04/2005
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Site name: LAFARGE BUILDING MATRLS DOTHAN SHOP
Classification: Unverified

Date form received by agency: 07/28/2004
Facility name: LAFARGE BUILDING MATERIALS DOTHAN SHOP
Site name: LAFARGE BUILDING MATRLS DOTHAN CONCRETE
Classification: Not a generator, verified

Violation Status: No violations found

E18 WSW < 1/8 0.120 mi. 633 ft. | **DOTHAN CONCRETE PLANT** | **AST** | **A100306269**
611 ROGERS ROAD | **N/A**
DOTHAN, AL 36303

Site 4 of 4 in cluster E

Relative: Lower

Actual: 320 ft.

AST:

Facility ID:	14379 69 18955	Site ID:	18955
Tank Status:	Currently in Use	Account Number:	14379
Capacity:	9000		
Date Installed:	7/1/2004	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	1
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1901
Notification Not Required F8:	Not reported
Operator Signed Date:	6/1/2007
Owner Signed Date:	6/1/2007
Owner Type 2:	P
Tank Add Date:	6/5/2007
Unique Tank Number:	6037
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

19 West 1/8-1/4 0.135 mi. 713 ft. | **UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE**
980 MURRAY ROAD
DOTHAN, AL 36302 | **RCRA-SQG** | **1007369957**
ALR000032185

Relative: Higher

Actual: 323 ft.

RCRA-SQG:

Date form received by agency:	04/12/2004
Facility name:	UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE
Facility address:	980 MURRAY ROAD DOTHAN, AL 363022222
EPA ID:	ALR000032185
Mailing address:	PLEASANTVILLE ROAD S-230 BRIARCLIFF MANOR, NY 10510
Contact:	DAN HARTMAN
Contact address:	MURRAY ROAD DOTHAN, AL 363022222
Contact country:	US
Contact telephone:	(334) 702-6417
Contact email:	Not reported
EPA Region:	04
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	UNIGLOBE KISCO INC
Owner/operator address:	PLEASANTVILLE ROAD S-230 BRIARCLIFF MANOR, NY 10510
Owner/operator country:	US
Owner/operator telephone:	(914) 773-1920
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/05/2004
Owner/Op end date:	Not reported

Owner/operator name:	DOTHAN WAREHOUSE
Owner/operator address:	MURRAY ROAD DOTHAN, AL 36302
Owner/operator country:	US
Owner/operator telephone:	(334) 702-6471
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/05/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

UNIGLOBE KISCO INC C/O DOTHAN WAREHOUSE (Continued) **1007369957**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D033
Waste name:	HEXACHLOROBUTADIENE
Waste code:	D043
Waste name:	VINYL CHLORIDE
Violation Status:	No violations found

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20 East 1/8-1/4 0.138 mi. 726 ft. | **MCDOWELL ISUZU SUBARU**
4123 ROSS CLARK CIR NW
DOTHAN, AL 36303 | **RCRA-NonGen FINDS** | **1000239432**
ALD982157521

Relative: Lower

Actual: 321 ft.

RCRA-NonGen:

Date form received by agency:	08/30/2004
Facility name:	MCDOWELL ISUZU SUBARU
Facility address:	4123 ROSS CLARK CIR NW DOTHAN, AL 36303
EPA ID:	ALD982157521
Mailing address:	ROSS CLARK CIR NW DOTHAN, AL 36303
Contact:	ALVIN OUTLAW
Contact address:	4123 ROSS CLARK CIR NW DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 792-5161
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator

MCDOWELL ISUZU SUBARU (Continued) **1000239432**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	JAMES MCDOWELL
Owner/operator address:	4123 ROSS CLARK CIR NW DOTHANITY, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 792-5161
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JAMES MCDOWELL
Owner/operator address:	4123 ROSS CLARK CIR NW DOTHANITY, AL 36303
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 792-5161
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

MCDOWELL ISUZU SUBARU (Continued) **1000239432**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/18/1993
Facility name: MCDOWELL ISUZU SUBARU
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110003372001

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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21 South 1/8-1/4 0.187 mi. 987 ft. | **COUCH INC ASPHALT PLANT**
645 TWITCHELL RD
DOTHAN, AL 36304 | **AST** | **U003547933**
N/A

Relative: Higher

Actual: 334 ft.

AST:
Facility ID: 11261 69 16980 | Site ID: 16980
Tank Status: Currently in Use | Account Number: 11261
Capacity: 6063
Date Installed: 8/1/1973 | Removal Date: 1/1/1901
Sold Date: 1/1/1901
Tank Contents: Diesel | Tank Usage: Industrial
Number of Compartments: 1

COUCH INC ASPHALT PLANT (Continued) **U003547933**

Tank Number:	1
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1973
Notification Not Required F8:	Not reported
Operator Signed Date:	Not reported
Owner Signed Date:	9/21/1999
Owner Type 2:	P
Tank Add Date:	3/14/1994
Unique Tank Number:	3578
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

Facility ID:	11261 69 16980	Site ID:	16980
Tank Status:	Currently in Use	Account Number:	11261
Capacity:	12000		
Date Installed:	8/1/1973	Removal Date:	1/1/1901
Sold Date:	1/1/1901		
Tank Contents:	Diesel	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	2
Last Usage Date A2A:	1/1/1901
One Year After Last Use Date:	1/1/1902
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1/1/1901
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1/1/1973
Notification Not Required F8:	Not reported
Operator Signed Date:	Not reported
Owner Signed Date:	9/21/1999
Owner Type 2:	P
Tank Add Date:	3/14/1994
Unique Tank Number:	3579
Fiscal Year Start Date:	10/1/1999
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0

COUCH INC ASPHALT PLANT (Continued) **U003547933**

Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

22
WSW
1/8-1/4
0.202 mi.
1065 ft.

ANSLEY BLDG SUPPLY FORMER TKW INC **UST** **U003105122**
114 ZENITH RD **FINANCIAL ASSURANCE** **N/A**
DOTHAN, AL 36301

Relative:
Higher

Actual:
330 ft.

UST:

Owner:

Account number:	14820
RSN:	14820
Owner Name:	TEMKO OIL CORP
Name Wit:	TEMKO OIL CORP
Owner address:	P O BOX 941
Address Wit:	P O BOX 941
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36302
Owner Zip 2:	Not reported
Owner Phone:	3347946552
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	ALAN B WARD
Owner Contact Phone:	9046822149
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	X
Bad Address Comment:	Not reported
Total Sites:	6
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	2
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	2
Number of Contested Tanks:	0
Number of Tanks in Tank File:	6
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	14820
O_phone packed for tracking:	3347946552
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	0
F reg paid owner:	0
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	0
Amount applied from check logc:	0
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 14820 69 5755	
Tank Number:	1
Capacity:	2000
Site ID:	5755
Install Date:	1/1/1983
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	5/15/1996
Tank Contents:	Diesel
Tank Usage:	Bulk Facility
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	3/8/1989

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	4/23/1986
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	4/23/1986
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	3/8/1990
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	31403
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	14820
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported

ANSLEY BLDG SUPPLY FORMER TKW INC (Continued) **U003105122**

A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	14820
Site ID County:	69
Site ID Number:	5755
Facility Contact:	DOYCE R REEVES
Facility Contact Phone:	3347928512
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

23
East
1/8-1/4
0.209 mi.
1102 ft.

CQ PAINTS OF DOTHAN AL #8328
4145 ROSS CLARK CIRCLE SUITE 1
DOTHAN, AL 36303

RCRA-CESQG **1004671259**
FINDS **ALR000000430**

Relative:
Lower

Actual:
319 ft.

RCRA-CESQG:

Date form received by agency:	01/05/2011
Facility name:	CQ PAINTS OF DOTHAN AL #8328
Facility address:	4145 ROSS CLARK CIRCLE SUITE 1 DOTHAN, AL 36303
EPA ID:	ALR000000430
Mailing address:	ROSS CLARK CIRCLE SUITE 1 DOTHAN, AL 36303
Contact:	WADE LANGSTON
Contact address:	ROSS CLARK CIRCLE SUITE 1 DOTHAN, AL 36303
Contact country:	US
Contact telephone:	(334) 793-6275
Contact email:	Not reported
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CQ PAINTS OF DOTHAN AL #8328 (Continued) **1004671259**

hazardous waste

Owner/Operator Summary:

Owner/operator name:	CQ AUTO PARTS
Owner/operator address:	ROSS CLARK CIRCLE DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 793-6275
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Owner/operator name:	GENERAL PARTS INC
Owner/operator address:	3065 SELMA HIGHWAY MONTGOMERY, AL 36108
Owner/operator country:	Not reported
Owner/operator telephone:	(334) 284-1991
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CQ AUTO PARTS
Owner/operator address:	ROSS CLARK CIRCLE DOTHAN, AL 36303
Owner/operator country:	US
Owner/operator telephone:	(334) 793-6275
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	03/21/1995
Facility name:	CQ PAINTS OF DOTHAN AL #8328
Site name:	TAYLOR PAINT AND SUPPLY
Classification:	Conditionally Exempt Small Quantity Generator

CQ PAINTS OF DOTHAN AL #8328 (Continued) **1004671259**

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

FINDS:

Registry ID: 110003382688

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

24
WSW
1/8-1/4
0.221 mi.
1165 ft.

SEARS ROEBUCK AND CO 7415
108 ZENITH ROAD
DOTHAN, AL 36303

RCRA-NonGen **1000904517**
FINDS **AL0000738120**

Relative:
Higher

Actual:
332 ft.

RCRA-NonGen:
Date form received by agency: 04/10/2006
Facility name: SEARS ROEBUCK AND CO 7415
Facility address: 108 ZENITH ROAD
DOTHAN, AL 36303
EPA ID: AL0000738120

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Mailing address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Contact:	MICHAEL OLSEN
Contact address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Contact country:	US
Contact telephone:	(847) 286-7199
Contact email:	MOLSEN4@SEARSHC.COM
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SEARS ROEBUCK AND CO
Owner/operator address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Owner/operator country:	US
Owner/operator telephone:	(847) 286-7199
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/11/2003
Owner/Op end date:	Not reported

Owner/operator name:	SEARS ROEBUCK AND CO
Owner/operator address:	BEVERLY ROAD A2-238A HOFFMAN ESTATES, IL 60179
Owner/operator country:	US
Owner/operator telephone:	(847) 286-7199
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	09/30/2005
Facility name:	SEARS ROEBUCK AND CO 7415
Classification:	Unverified

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Date form received by agency: 03/23/2005
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Unverified

Date form received by agency: 05/18/2004
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/19/2003
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/09/2002
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/17/2001
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/19/1995
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Small Quantity Generator

Date form received by agency: 04/19/1995
Facility name: SEARS ROEBUCK AND CO 7415
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 14-3.02(1)(a)
Area of violation: Generators - Manifest
Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.04(1)(a)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/08/1994
Date achieved compliance: 04/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Regulation violated:	SR - 14-9.05
Area of violation:	LDR - General
Date violation determined:	09/08/1994
Date achieved compliance:	04/12/1995
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	10/24/1994
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	SR - 14-3-.01(3)(a)
Area of violation:	Generators - General
Date violation determined:	09/08/1994
Date achieved compliance:	04/12/1995
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	10/24/1994
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	04/12/1995
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Records/Reporting
Date achieved compliance:	04/12/1995
Evaluation lead agency:	State

Evaluation date:	04/12/1995
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Manifest
Date achieved compliance:	04/12/1995
Evaluation lead agency:	State

Evaluation date:	04/12/1995
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	LDR - General
Date achieved compliance:	04/12/1995
Evaluation lead agency:	State

Evaluation date:	04/12/1995
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - General
Date achieved compliance:	04/12/1995
Evaluation lead agency:	State

Evaluation date:	03/30/1995
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	LDR - General
Date achieved compliance:	04/12/1995

SEARS ROEBUCK AND CO 7415 (Continued) **1000904517**

Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Manifest
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 03/30/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

Evaluation date: 09/08/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 04/12/1995
Evaluation lead agency: State

FINDS:

Registry ID: 110003034555

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

25 WSW 1/8-1/4 0.236 mi. 1247 ft. | **SEARS WAREHOUSE**
3903 ROSS CLARK CR
DOTHAN, AL 36303 | **LUST** **U001864982**
UST **N/A**
FINANCIAL ASSURANCE

Relative: Higher

Actual: 332 ft.

LUST:

Facility ID:	15247
Account Number:	17271
Owner Name:	AJAX REALTY CO
Owner Address:	P.O. BOX 6356
Owner City,St,Zip:	DOTHAN, AL 36302
Incident Month/Yr:	3/94
Incident Number:	27
Searchable Incident Number:	UST940327
Cleanup Complete:	X

UST:

Owner:

Account number:	17271
RSN:	17271
Owner Name:	AJAX REALTY CO
Name Wit:	AJAX REALTY CO
Owner address:	4 NORTHSIDE EXECUTIVE PARK
Address Wit:	4 NORTHSIDE EXECUTIVE PARK
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36301
Owner Zip 2:	Not reported
Owner Phone:	2057922153
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	E B MCDANIEL
Owner Contact Phone:	2057922153
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	1
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	1
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	1
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0

SEARS WAREHOUSE (Continued) **U001864982**

In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	3/12/1991
Default date:	1/1/1901
Owner packed for tracking:	17271
O_phone packed for tracking:	2057922153
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	165
F reg paid owner:	15
F ins paid owner:	150
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	165
Amount applied from check logc:	165
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 17271 69 15247	
Tank Number:	1
Capacity:	1000
Site ID:	15247
Install Date:	9/30/1969
Compartments:	1
Sold Date:	Not reported
Removal Date:	2/3/1994
Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Not reported

SEARS WAREHOUSE (Continued) **U001864982**

External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	2/26/1990
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	Not reported
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1/1/1901
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported

SEARS WAREHOUSE (Continued) **U001864982**

Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/16/1991
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	1/16/1991
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	2/26/1991
Tank Add Date:	3/12/1991
User Who Added Tank:	Not reported
Unique Tank Number:	41745
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No

SEARS WAREHOUSE (Continued) **U001864982**

Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Not reported
XXXX1998:	2 X
Bare Steel:	Yes
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	17271
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported

SEARS WAREHOUSE (Continued) **U001864982**

The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	17271
Site ID County:	69
Site ID Number:	15247
Facility Contact:	SUE POOLE
Facility Contact Phone:	2057940520
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

26
East
1/8-1/4
0.249 mi.
1317 ft.

SCARBAROUGH AND ASSOCIATES **UST** **U003530537**
580 MURRAY ROAD **FINANCIAL ASSURANCE** **N/A**
DOTHAN, AL 36303

Relative:
Lower

Actual:
313 ft.

UST:

Owner:

Account number:	20647
RSN:	20647
Owner Name:	SCARBAROUGH AND ASSOCIATES
Name Wit:	SCARBAROUGH AND ASSOCIATES
Owner address:	580 MURRAY ROAD
Address Wit:	580 MURRAY ROAD
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36303
Owner Zip 2:	Not reported
Owner Phone:	3347942781
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	ASHLEY SCARBAROUGH
Owner Contact Phone:	3347942781
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/2001
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported

SCARBAROUGH AND ASSOCIATES (Continued) **U003530537**

Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	1
Total Sites Owning This FY:	1
Total Reg Tanks Owned:	1
Total Ins Tanks Owned:	1
Total Permanently Out Tanks:	0
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	1
In Use Tanks Owner:	1
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	1
In Use Tanks Complying CPSO:	1
In Use Tanks Complying lt Own:	1
Num Sites with ge_1_atanks:	1
Num Site With All atanks in Compl:	1
Num Site with ge_1_atank in Compl:	1
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	1
Num site w/ ge1 atank comp lt:	1
Num site w/ all atank comp cpso:	1
Num site w/ all atank comp lt:	1
Total Reg Due:	30
Total Ins Due:	0
Total Due:	30
Reg tanks this fy:	1
Ins tanks this fy:	1
Reg owed this fy:	30
Ins owed this fy:	0
Total owed this fy:	30
T code:	T
Owner add dte:	2/23/1999
Default date:	1/1/1901
Owner packed for tracking:	20647
O_phone packed for tracking:	3347942781
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	390
F reg paid owner:	390
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	390
Amount applied from check logc:	390
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	30
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0

SCARBAROUGH AND ASSOCIATES (Continued) **U003530537**

Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 20647 69 18210	
Tank Number:	1
Capacity:	2000
Site ID:	18210
Install Date:	8/30/1988
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Unleaded Gasoline
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Fiberglass/Plastic
Other Pipe:	Not reported
Last Usage Date:	1/1/1901
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	12/12/1998

SCARBAROUGH AND ASSOCIATES (Continued) **U003530537**

Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/31/2006
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/1/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	12/14/1998
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P

SCARBAROUGH AND ASSOCIATES (Continued) **U003530537**

Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/1/1902
Tank Add Date:	2/23/1999
User Who Added Tank:	EMM
Unique Tank Number:	48315
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	P
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported

SCARBAROUGH AND ASSOCIATES (Continued) **U003530537**

Flex Manufacturer:	Not reported
Account No:	20647
Year of Last Sir Report:	2009
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	8/23/2010
Spill Basin Test Reviewed:	P
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	20647
Site ID County:	69
Site ID Number:	18210
Facility Contact:	ASHLEY SCARBAROUGH
Facility Contact Phone:	3347942781
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

27
North
1/4-1/2
0.351 mi.
1852 ft.

LILLY INDUSTRIAL COATINGS INC
2305 INDUSTRIAL RD
DOTHAN, AL 36303

CERCLIS **1000293380**
RCRA-NonGen **ALD050983394**
FINDS
UST
FINANCIAL ASSURANCE

Relative:
Lower

Actual:
304 ft.

CERCLIS:

Site ID:	0400194
EPA ID:	ALD050983394
Facility County:	HOUSTON
Short Name:	LILLY INDUSTRIAL COATINGS
Congressional District:	03
IFMS ID:	Not reported
SMSA Number:	Not reported
USGC Hydro Unit:	03140201

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Federal Facility:	Not a Federal Facility
DMNSN Number:	2.00000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	04
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	ACRE
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date:	20090928
Site Fips Code:	01069
CC Concurrence Date:	Not reported
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	4000218.00000
Contact Name:	HUMBERTO GUZMAN
Contact Tel:	(404) 562-8942
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	guzman.humberto@epa.gov

Contact ID:	4000275.00000
Contact Name:	William Joyner
Contact Tel:	(404) 562-8795
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	joyner.william@epa.gov

Contact ID:	13002428.00000
Contact Name:	Donna Seadler
Contact Tel:	(404) 562-8870
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	seadler.donna@epa.gov

Contact ID:	4270104.00000
Contact Name:	Jennifer Wendel
Contact Tel:	(404) 562-8799
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	wendel.jennifer@epa.gov

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	LILLY INDUSTRIAL COATINGS INC
Alias Address:	Not reported HOUSTON, AL
Alias Comments:	Not reported

Site Description: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/01/1980
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	12/22/1981
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit:	SITEWIDE
Primary Responsibility:	State, Fund Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/12/1985
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	State, Fund Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE REASSESSMENT
Date Started:	Not reported
Date Completed:	09/28/2009
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit:	SITEWIDE
Primary Responsibility:	State, Fund Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Click this hyperlink while viewing on your computer to access
additional US CERCLIS Financial: detail in the EDR Site Report.

RCRA-NonGen:

Date form received by agency:	03/14/2001
Facility name:	LILLY INDUSTRIAL COATINGS INC
Site name:	LILLY INDUSTRIES INC
Facility address:	1771 INDUSTRIAL RD DOTHAN, AL 36302
EPA ID:	ALD050983394
Mailing address:	200 W 103RD ST INDIANAPOLIS, IN 46290
Contact:	NASH BRIAN M
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(317) 814-8783
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/09/2000
Facility name:	LILLY INDUSTRIAL COATINGS INC
Classification:	Unverified
Date form received by agency:	02/10/1998
Facility name:	LILLY INDUSTRIAL COATINGS INC
Classification:	Large Quantity Generator
Date form received by agency:	06/27/1997
Facility name:	LILLY INDUSTRIAL COATINGS INC
Classification:	Large Quantity Generator
Date form received by agency:	02/27/1996
Facility name:	LILLY INDUSTRIAL COATINGS INC

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Classification: Large Quantity Generator

Date form received by agency: 02/14/1994
Facility name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992
Facility name: LILLY INDUSTRIAL COATINGS INC
Site name: LILLY INDUSTRIES INC
Classification: Large Quantity Generator

Date form received by agency: 02/26/1990
Facility name: LILLY INDUSTRIAL COATINGS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 14-3-.03(5)(c)1.(i&ii)
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/1998
Date achieved compliance: 03/16/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.03(5)(a)4.
Area of violation: Generators - Pre-transport
Date violation determined: 02/17/1998
Date achieved compliance: 05/15/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 14-3-.03(5)(c)1.(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 02/27/1997
Date achieved compliance: 06/11/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Regulation violated: SR - 14-3-.04(1)(b)
Area of violation: Generators - Records/Reporting
Date violation determined: 02/27/1997
Date achieved compliance: 06/11/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/18/1990
Date achieved compliance: 09/26/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/18/1990
Date achieved compliance: 09/26/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/13/1990
Date achieved compliance: 04/11/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/06/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Area of violation: LDR - General
Date violation determined: 02/13/1990
Date achieved compliance: 04/11/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/06/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/09/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 02/09/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 03/24/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 03/24/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/16/1998
Evaluation lead agency: State

Evaluation date: 02/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/15/1998
Evaluation lead agency: State

Evaluation date: 02/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/16/1998
Evaluation lead agency: State

Evaluation date: 06/11/1997

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 06/11/1997
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 02/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 02/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/11/1997
Evaluation lead agency: State

Evaluation date: 07/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/26/1990
Evaluation lead agency: State

Evaluation date: 07/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/26/1990
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/11/1990
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/11/1990
Evaluation lead agency: State

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/10/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

FINDS:

Registry ID: 110000369048

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110006652746

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

UST:

Owner:

Account number:	13128
RSN:	13128
Owner Name:	LILLY INDUSTRIAL COATINGS INC
Name Wit:	LILLY INDUSTRIAL COATINGS INC
Owner address:	2305 INDUSTRIAL RD
Address Wit:	2305 INDUSTRIAL RD
Owner City:	DOTHAN
Owner State:	AL
Owner Zip:	36303

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Owner Zip 2:	Not reported
Owner Phone:	3347947555
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	J E FERLEMAN
Owner Contact Phone:	3347947555
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	Not reported
Bad Address Comment:	Not reported
Total Sites:	1
Total Sites Owning This FY:	0
Total Reg Tanks Owned:	0
Total Ins Tanks Owned:	0
Total Permanently Out Tanks:	13
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	13
In Use Tanks Owner:	0
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	0
In Use Tanks Complying CPSO:	0
In Use Tanks Complying lt Own:	0
Num Sites with ge_1_atanks:	0
Num Site With All atanks in Compl:	0
Num Site with ge_1_atank in Compl:	0
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	0
Num site w/ ge1 atank comp lt:	0
Num site w/ all atank comp cpso:	0
Num site w/ all atank comp lt:	0
Total Reg Due:	0
Total Ins Due:	0
Total Due:	0
Reg tanks this fy:	0
Ins tanks this fy:	0
Reg owed this fy:	0
Ins owed this fy:	0
Total owed this fy:	0
T code:	T
Owner add dte:	9/30/1988
Default date:	1/1/1901
Owner packed for tracking:	13128
O_phone packed for tracking:	3347947555
Owner city for tracking:	DOTHAN
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	0
Owner has tdq:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Owner has contested tanks:	Not reported
F billed owner:	2405
F reg paid owner:	2405
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	2405
Amount applied from check logc:	2405
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	0
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	0
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	0
FaxNum:	Not reported

Facility ID: 13128 69 10149	
Tank Number:	1
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	VWP NAPHTA
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20100
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Yes
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Yes
XXXX1998:	2 X
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	10
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	64742-89-8
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20109
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 13128 69 10149	
Tank Number:	11
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20110
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	12
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	108-88-3
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20111
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	13
Capacity:	6000
Site ID:	10149

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20112
Fiscal Year Start Date:	10/1/2010

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	2
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	64742-88-7
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20101
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	3
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	108-88-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20102
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 13128 69 10149	
Tank Number:	4
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	XYLOL
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20103
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	5
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	64742-95-6

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20104
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported

Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	6
Capacity:	16733

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	67-63-0
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20105

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 13128 69 10149	
Tank Number:	7
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	71-36-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20106
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	13128 69 10149
Tank Number:	8
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	78-93-3
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20107
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 13128 69 10149	
Tank Number:	9
Capacity:	16733
Site ID:	10149
Install Date:	1/1/1968
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	9/30/1997
Tank Contents:	Hazardous
Tank Usage:	Industrial
Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Last Usage Date:	9/30/1997
Last Quantity:	0
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	108-10-1
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Not reported
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	Not reported
Tightness Test:	Not reported
Tightness Test Date 13:	1/1/1901
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1/1/1901
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	5/1/1986
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	2/20/1996
Company Address S Oath:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2/20/1996
Reg Bill Indicator:	N
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	9/30/1998
Tank Add Date:	9/30/1988
User Who Added Tank:	Not reported
Unique Tank Number:	20108
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Yes
Owes This Fy:	Not reported
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	1
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	2
Spill Overfill Protection Met:	Not reported
Tank Release Detection Method:	Not reported
Piping Release Detection Method:	Not reported
XXXX1998:	Not reported
Bare Steel:	Yes
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	13128
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1/1/1901
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	13128
Site ID County:	69
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	1
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	X
Self Insured 18 R2C:	Not reported

Account Number:	13128
Site ID County:	69
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	2
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 3
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 4
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 5
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 6
Compliance AUST 18 R1: X

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 7
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 8
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN
Facility Contact Phone: 3347947555
Tank Number: 9
Compliance AUST 18 R1: X
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: X
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: X
Self Insured 18 R2C: Not reported

Account Number: 13128
Site ID County: 69
Site ID Number: 10149
Facility Contact: J E FERLEMAN

LILLY INDUSTRIAL COATINGS INC (Continued) **1000293380**

Facility Contact Phone:	3347947555
Tank Number:	10
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	X
Self Insured 18 R2C:	Not reported

Account Number:	13128
Site ID County:	69
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	11
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	X
Self Insured 18 R2C:	Not reported

Account Number:	13128
Site ID County:	69
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	12
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	X
Self Insured 18 R2C:	Not reported

Account Number:	13128
Site ID County:	69
Site ID Number:	10149
Facility Contact:	J E FERLEMAN
Facility Contact Phone:	3347947555
Tank Number:	13
Compliance AUST 18 R1:	X
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	X
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	X
Self Insured 18 R2C:	Not reported

28 East 1/4-1/2 0.439 mi. 2318 ft.

PANTRY #3643 COWBOYS
4196 ROSS CLARK CIRCLE
DOTHAN, AL 30304

LUST **U003997565**
UST **N/A**
FINANCIAL ASSURANCE

Relative: Higher

Actual: 326 ft.

LUST:

Facility ID:	18670
Account Number:	22176
Owner Name:	THE PANTRY, INC.
Owner Address:	1801 DOUGLAS AVENUE
Owner City,St,Zip:	SANFORD, NC 27330
Incident Month/Yr:	12/07
Incident Number:	3
Searchable Incident Number:	UST071203
Cleanup Complete:	X

UST:

Owner:

Account number:	22176
RSN:	22176
Owner Name:	THE PANTRY, INC
Name Wit:	THE PANTRY, INC
Owner address:	305 GREGSON DR
Address Wit:	305 GREGSON DR
Owner City:	CARY
Owner State:	NC
Owner Zip:	27511
Owner Zip 2:	Not reported
Owner Phone:	9195661693
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	MARY BATCHELOR
Owner Contact Phone:	9197746700
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	Not reported
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Mary 5693 inspections response
Bad Address:	Not reported
Bad Address Comment:	Brent Puzak 5206 new installations
Total Sites:	113
Total Sites Owning This FY:	111
Total Reg Tanks Owned:	340
Total Ins Tanks Owned:	340
Total Permanently Out Tanks:	76
Total Temp Closed Tanks:	0
Number of TDQ Tanks:	0
Number of Retired Tanks:	1
Number of Contested Tanks:	0
Number of Tanks in Tank File:	417
In Use Tanks Owner:	340
In Use Tanks Not In Compl:	3
In Use Tanks In Compliance Own:	337
In Use Tanks Complying CPSO:	339

PANTRY #3643 COWBOYS (Continued) **U003997565**

In Use Tanks Complying lt Own:	338
Num Sites with ge_1_atanks:	111
Num Site With All atanks in Compl:	108
Num Site with ge_1_atank in Compl:	111
Num Sites with ge1 atank not Comp:	3
Num Site with ge1 atank comp cpso:	111
Num site w/ ge1 atank comp lt:	111
Num site w/ all atank comp cpso:	110
Num site w/ all atank comp lt:	109
Total Reg Due:	10200
Total Ins Due:	0
Total Due:	10200
Reg tanks this fy:	341
Ins tanks this fy:	184
Reg owed this fy:	10230
Ins owed this fy:	0
Total owed this fy:	10230
T code:	T
Owner add dte:	4/25/2005
Default date:	1/1/1901
Owner packed for tracking:	22176
O_phone packed for tracking:	9195661693
Owner city for tracking:	CARY
Tanks not paid current:	0
Outstanding enf:	Not reported
Number of above ground tanks:	1
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	53370
F reg paid owner:	53370
F ins paid owner:	0
F due owner:	0
Amount attached to pay owner:	0
Amount on check log current:	46380
Amount applied from check logc:	46380
Amount on prev check log:	0
Number of checks in prev log:	0
Fiscal this year:	10200
Fy inv amt:	0
Tanks not paid with number:	0
Dif tech to fisc:	30
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	30
FaxNum:	8662893835

Facility ID: 22176 69 18670	
Tank Number:	1
Capacity:	20000
Site ID:	18670
Install Date:	8/10/2001
Compartments:	2
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Unleaded Gasoline
Tank Usage:	Retail
Tank Construction Material:	Fiberglass/Plastic
Tank Corrosion Protection:	Fiberglass Coated

PANTRY #3643 COWBOYS (Continued) **U003997565**

External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Flexible
Other Pipe:	Not reported
Last Usage Date:	1/1/1901
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1/1/1901
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Not reported
Tightness Test Date 13:	12/26/2006
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/31/2006
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	6/9/2010
Automatic Shutoff Device:	X
Continous Alarm System:	X

PANTRY #3643 COWBOYS (Continued) **U003997565**

Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	X
Line Tight Test Date:	6/9/2010
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	ESTES EQUIPMENT CO
Position Title S Oath:	SALES REP
Company S Oath:	TERRY MIZELL
Date Signed:	1/1/1901
Company Address S Oath:	PO BOX 71897 CHATTANOOGA,TN 37407
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/12/2005
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/1/1902
Tank Add Date:	12/4/2001
User Who Added Tank:	JJD
Unique Tank Number:	49904
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No

PANTRY #3643 COWBOYS (Continued) **U003997565**

Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	P
AL Test Reviewed:	P
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	22176
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	3/11/2010
Spill Basin Test Reviewed:	P

PANTRY #3643 COWBOYS (Continued) **U003997565**

The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID: 22176 69 18670	
Tank Number:	2
Capacity:	12000
Site ID:	18670
Install Date:	8/10/2001
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Premium Gasoline
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Flexible
Other Pipe:	Not reported
Last Usage Date:	1/1/1901
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1/1/1901
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Not reported
Tightness Test Date 13:	12/26/2006
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/31/2006
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	6/9/2010
Automatic Shutoff Device:	X
Continous Alarm System:	X
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	X
Line Tight Test Date:	6/9/2010
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Date Signed:	1/1/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/12/2005
Reg Bill Indicator:	Y
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/1/1902
Tank Add Date:	12/4/2001
User Who Added Tank:	JJD
Unique Tank Number:	49905
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	Yes
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

TT Test Reviewed:	P
AL Test Reviewed:	P
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	22176
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	3/11/2010
Spill Basin Test Reviewed:	P
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

Facility ID:	22176 69 18670
Tank Number:	3
Capacity:	20000
Site ID:	18670
Install Date:	8/10/2001
Compartments:	2
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Flexible
Other Pipe:	Not reported
Last Usage Date:	1/1/1901
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1/1/1901
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Not reported
Tightness Test Date 13:	12/26/2006
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/31/2006
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	P
Annual Test Date:	6/9/2010
Automatic Shutoff Device:	Not reported
Continous Alarm System:	X
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Not reported
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	6/9/2010
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X

PANTRY #3643 COWBOYS (Continued) **U003997565**

Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	X
List And Form 15:	X
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/1/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	5/12/2005
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/1/1902
Tank Add Date:	12/4/2001
User Who Added Tank:	JJD
Unique Tank Number:	49906
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	P
AL Test Reviewed:	P
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	22176
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	3/11/2010
Spill Basin Test Reviewed:	P
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Facility ID: 22176 69 18670	
Tank Number:	4
Capacity:	20000
Site ID:	18670
Install Date:	9/1/2006
Compartments:	1
Sold Date:	1/1/1901
Removal Date:	1/1/1901
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Not reported
Tank Corrosion Protection:	Fiberglass Coated
External Pipe Protection Installed Date:	1/1/1901
Piping Material of Construction:	Flexible
Other Pipe:	Not reported
Last Usage Date:	1/1/1901
Last Quantity:	Not reported
Retired 080888:	8/8/1988
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1/1/1901
Bought Date:	1/1/1901
Inert:	Not reported
Inert Date:	1/1/1901
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	1/1/1901
Other External Protection:	Not reported
Date Int Protection Installed:	1/1/1901
Date Int Protection Install:	1/1/1901
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	1/1/1901
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	X
Auto Shutoff:	Not reported
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Not reported
Tightness Test Date 13:	12/26/2006
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Yes
Date Annual Rpt Submitted:	1/1/1901
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	P
Annual Test Date:	6/9/2010
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	6/9/2010
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	X
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Not reported
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1/1/1901
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1/1/1901
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	12/13/2006
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P
Default Date:	1/1/1901
Unknown Date:	11/11/1911
Regulation Date:	12/22/1988
One Year After Last Use Date:	1/1/1902

PANTRY #3643 COWBOYS (Continued) **U003997565**

Tank Add Date:	1/17/2007
User Who Added Tank:	JJD
Unique Tank Number:	51139
Fiscal Year Start Date:	10/1/2010
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	12/25/1988
Date Retired:	8/8/1988
Date Tank Upgraded Wf Ins:	1/1/1901
Date Upgraded Wint Lining:	1/1/1901
Date Pip Upgraded W F Ins:	1/1/1901
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Not reported
Tank Type Code:	U
Corrosion Protection Method:	Not reported
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Not reported
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1/1/1901
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	P
AL Test Reviewed:	P
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	22176
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported

PANTRY #3643 COWBOYS (Continued) **U003997565**

Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Yes
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1/1/1901
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	3/11/2010
Spill Basin Test Reviewed:	P
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1/1/1901
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1/1/1901
Sump Rev:	Not reported

AL FINANCIAL ASSURANCE:

Account Number:	22176
Site ID County:	69
Site ID Number:	18670
Facility Contact:	RENEE THOMAS
Facility Contact Phone:	9197746700
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	22176
Site ID County:	69
Site ID Number:	18670
Facility Contact:	RENEE THOMAS
Facility Contact Phone:	9197746700
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	22176
Site ID County:	69
Site ID Number:	18670
Facility Contact:	RENEE THOMAS

PANTRY #3643 COWBOYS (Continued) **U003997565**

Facility Contact Phone: 9197746700
Tank Number: 3
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

Account Number: 22176
Site ID County: 69
Site ID Number: 18670
Facility Contact: RENEE THOMAS
Facility Contact Phone: 9197746700
Tank Number: 4
Compliance AUST 18 R1: Not reported
Net Worth 25000 18 R1A: Not reported
Surety 18 R1B: Not reported
Private Insurance 18 R2A: Not reported
Insurer 18 R2A: Not reported
Policy Number 18 R2A: Not reported
Guarantee 18 2RB: Not reported
Self Insured 18 R2C: Not reported

29
South
1/4-1/2
0.472 mi.
2494 ft.

COUCH,DOTHAN TRUCK OFF.(PIT A:DIESL) **LUST** **S106599188**
381 TWITCHELL RD (WAS =1020 TWITCH.) **N/A**
DOTHAN, AL

Relative:
Higher

Actual:
333 ft.

LUST:
Facility ID: 1885
Account Number: 11261
Owner Name: APAC ALABAMA, INC
Owner Address: P. O. BOX 8888
Owner City,St,Zip: DOTHAN, AL 36304
Incident Month/Yr: 4/93
Incident Number: 16
Searchable Incident Number: UST930416
Cleanup Complete: Not reported

Facility ID: 1885
Account Number: 11261
Owner Name: APAC ALABAMA INC
Owner Address: P. O. BOX 8888
Owner City,St,Zip: DOTHAN, AL 36304
Incident Month/Yr: 4/93
Incident Number: 17
Searchable Incident Number: UST930417
Cleanup Complete: X

Facility ID: 1885
Account Number: 11261
Owner Name: COUCH INC
Owner Address: 381 TWITCHELL RD (WAS 1020 TWITCHLL)
Owner City,St,Zip: DOTHAN, AL 36303

COUCH,DOTHAN TRUCK OFF.(PIT A:DIESL) (Continued) **S106599188**

Incident Month/Yr:	5/95
Incident Number:	6
Searchable Incident Number:	UST950506
Cleanup Complete:	X

Count: 21 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DOTHAN	S106599239	RYDER TRUCK# 0684 SEE 94-3-31	1706TH KINSEY RD & ROSS CLARK		LUST
DOTHAN	U003311607	TRI STATE MACHINE SHOP	RT 4	36303	AST
DOTHAN	1000904503	DURDEN OUTDOOR DISPLAYS	HIGHWAY 431 NORTH	36303	RCRA-CESQG, FINDS
DOTHAN	U000005175	SPANISH ACRES MARTS INC	HWY 431 N	36303	UST, FINANCIAL ASSURANCE
DOTHAN	1000364090	CHARLES MANUFACTURING CO	HWY 52 E	36303	CERC-NFRAP, RCRA-NonGen, FINDS
DOTHAN	S102231487	CHAPMAN HOMES	HWY 52 E		LUST
DOTHAN	U003204519	DHN RCAG	RT 6	36303	UST, FINANCIAL ASSURANCE
DOTHAN	U003850083	SUPER C	HWY 84 W	36303	UST, FINANCIAL ASSURANCE
DOTHAN	U001861277	NEWSDEALER INC	HWY 84W	36303	UST, FINANCIAL ASSURANCE
DOTHAN	S102657432	BULLOCK COUNTY RD. 47 DRUMS	BOX 18213 & ACME ROOFING		SHWS
DOTHAN	S106760653	WILLIFORD PROPERTY (& SEE MEGGS BP	NE CNR OATES ST & COTTONWOOD		LUST
DOTHAN	1003869557	GATES POWER DRIVE	518 CRAFT ST		CERC-NFRAP, SHWS
DOTHAN	1001404311	KMART	190 US HIGHWAY 441 NORTH	36303	RCRA-NonGen, FINDS
DOTHAN	S102231848	JEFF GROCERY (HOME OIL)	HODGESVILLE HWY		LUST
DOTHAN	S106919026	SUNSH JR (EZ SERVE) #4399	3178 W HWY HARTFORD HWY		LUST
DOTHAN	1000243653	BISHOP FABRICARE SERVICES	MONTGOMERY HWY N	36303	RCRA-NonGen, FINDS
DOTHAN	U001468502	ABANDONED SERVICE CENTER	ROSS CLARKE CIR	36303	UST, FINANCIAL ASSURANCE
DOTHAN	U003933465	FUEL 24 #1	234 ROSS CLARK CR COR N	36303	UST
DOTHAN	S109951591	COUCH TRUCK OFFICE & SHOP STORAGE	1020 TWITCHELL RD		LAST
DOTHAN	S105174895	LILLY INDUST. COATINGS (NOW VALSPA	1771 WAS 2305 INDUSTRIAL RD		LUST
KINSEY	U003311611	CITY OF KINSEY	RT 9	36303	AST

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: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 04/13/2011
Next Scheduled EDR Contact: 07/25/2011
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: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 04/13/2011
Next Scheduled EDR Contact: 07/25/2011
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.

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: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
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: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

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 EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	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: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
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: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
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: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

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: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

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: 12/31/2010
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Substance Cleanup Fund

Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/22/2011
Date Made Active in Reports: 03/28/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills

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: 09/19/2007
Date Data Arrived at EDR: 11/21/2007
Date Made Active in Reports: 12/21/2007
Number of Days to Update: 30

Source: Department of Environmental Management
Telephone: 334-271-7988
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 04/22/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing
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: 04/01/2011
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 04/12/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

LAST: List of AST Release Incidents
A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 04/04/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 21

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/18/2011
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: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

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: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/03/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 45

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

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: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 05/16/2011
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: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

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: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Information
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: 02/23/2011
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 04/28/2011
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 04/06/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites
Aboveground storage tank locations.

Date of Government Version: 02/23/2011
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 04/28/2011
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 04/06/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

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: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

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: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
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: 11/01/2010
Date Data Arrived at EDR: 12/02/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 57

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
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: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

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: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2011
Next Scheduled EDR Contact: 08/15/2011
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: 01/01/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
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: 03/03/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 45

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

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: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of sites with engineering controls included in the Land Division Cleanup Program Inventory listing.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing
Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Varies

AUL: Environmental Covenants
An environmental covenant is required for a site if the approved environmental response project plan places a land use control on the site because it is not being remediated to unrestricted use.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/25/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 33

Source: Department of Environmental Management
Telephone: 334-279-3053
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Cleanup Program Inventory

Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/22/2011
Date Made Active in Reports: 03/28/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 03/22/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Semi-Annually

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: 09/01/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing

A listing of Brownfields activities performed by ADEM.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/22/2011
Date Made Active in Reports: 03/28/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 05/04/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/29/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/29/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: No Update Planned

SWRCY: Recycling/Recovered Materials Processors Directory
A listing of recycling facilities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 14
Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/01/2011
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/09/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 02/02/2011
Date Data Arrived at EDR: 03/17/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 46
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/08/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern
Property boundary of the Redstone Arsenal facility.

Date of Government Version: 09/01/2008
Date Data Arrived at EDR: 09/24/2008
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 394

Source: Department of the Army
Telephone: 256-313-3255
Last EDR Contact: 05/09/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: No Update Planned

CDL: Clandestine Methamphetamine Lab Sites
Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 12/09/2010
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 02/28/2011
Number of Days to Update: 20

Source: Department of Environmental Management.
Telephone: 334-271-7700
Last EDR Contact: 05/09/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

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: 02/01/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

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: 12/31/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 51

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Annually

SPILLS: Emergency Response Data
Incidents involving spills of oil and hazardous materials.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011
Date Data Arrived at EDR: 02/11/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/11/2011
Next Scheduled EDR Contact: 08/22/2011
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/15/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

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: 10/01/2010
Date Data Arrived at EDR: 10/29/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 5

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/16/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/04/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Varies

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: 02/08/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/09/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 12/17/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 94

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/29/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 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: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

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: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
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: 01/07/2011
Date Data Arrived at EDR: 01/21/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
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.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Quarterly

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: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/13/2011
Next Scheduled EDR Contact: 07/25/2011
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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Biennially

NPDES: NPDES Permit Listing

A listing of municipal and industrial permits issued by the Department of Environmental Management.

Date of Government Version: 04/06/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 21

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner sites in the voluntary DERTF.

Date of Government Version: 03/01/2011
Date Data Arrived at EDR: 03/02/2011
Date Made Active in Reports: 03/28/2011
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 334-271-7703
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 04/11/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/09/2011
Next Scheduled EDR Contact: 08/08/2011
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.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/18/2011
Next Scheduled EDR Contact: 06/27/2011
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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/05/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/19/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information for underground storage tank 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: 02/23/2011
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 04/27/2011
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 04/06/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/17/2009
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 334-271-7718
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/25/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/12/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/06/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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.

Daycare Centers: Licensed Centers
Source: Department of Human Resources
Telephone: 334-242-1425

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TWITCHELL
4031 ROSS CLARK CIRCLE NW
DOTHAN, AL 36303

TARGET PROPERTY COORDINATES

Latitude (North):	31.25550 - 31˚ 15' 19.8''
Longitude (West):	85.4014 - 85˚ 24' 5.0''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	652216.0
UTM Y (Meters):	3458835.5
Elevation:	322 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	31085-C4 MIDLAND CITY, AL
Most Recent Revision:	1981
South Map:	31085-B4 DOTHAN WEST, AL
Most Recent Revision:	1981

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

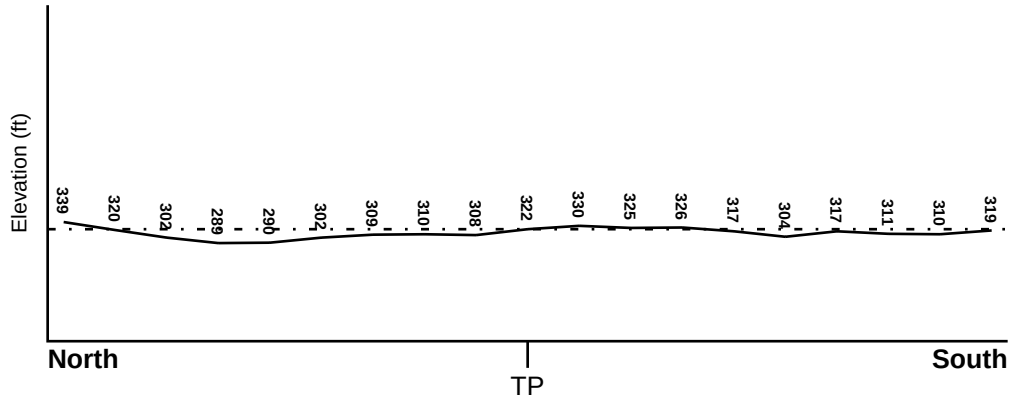
TOPOGRAPHIC INFORMATION

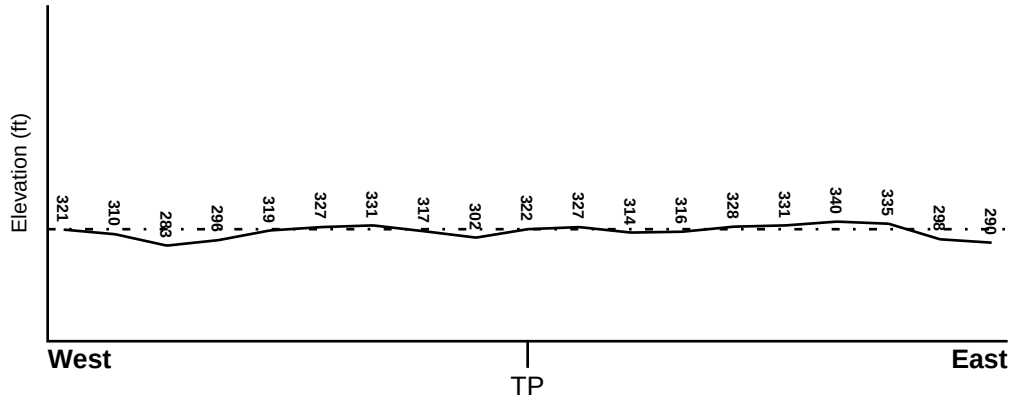
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 322 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
HOUSTON, AL	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0101040022D - FEMA Q3 Flood data
Additional Panels in search area:	0101040026D - FEMA Q3 Flood data 0101040028D - FEMA Q3 Flood data 0101040024D - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

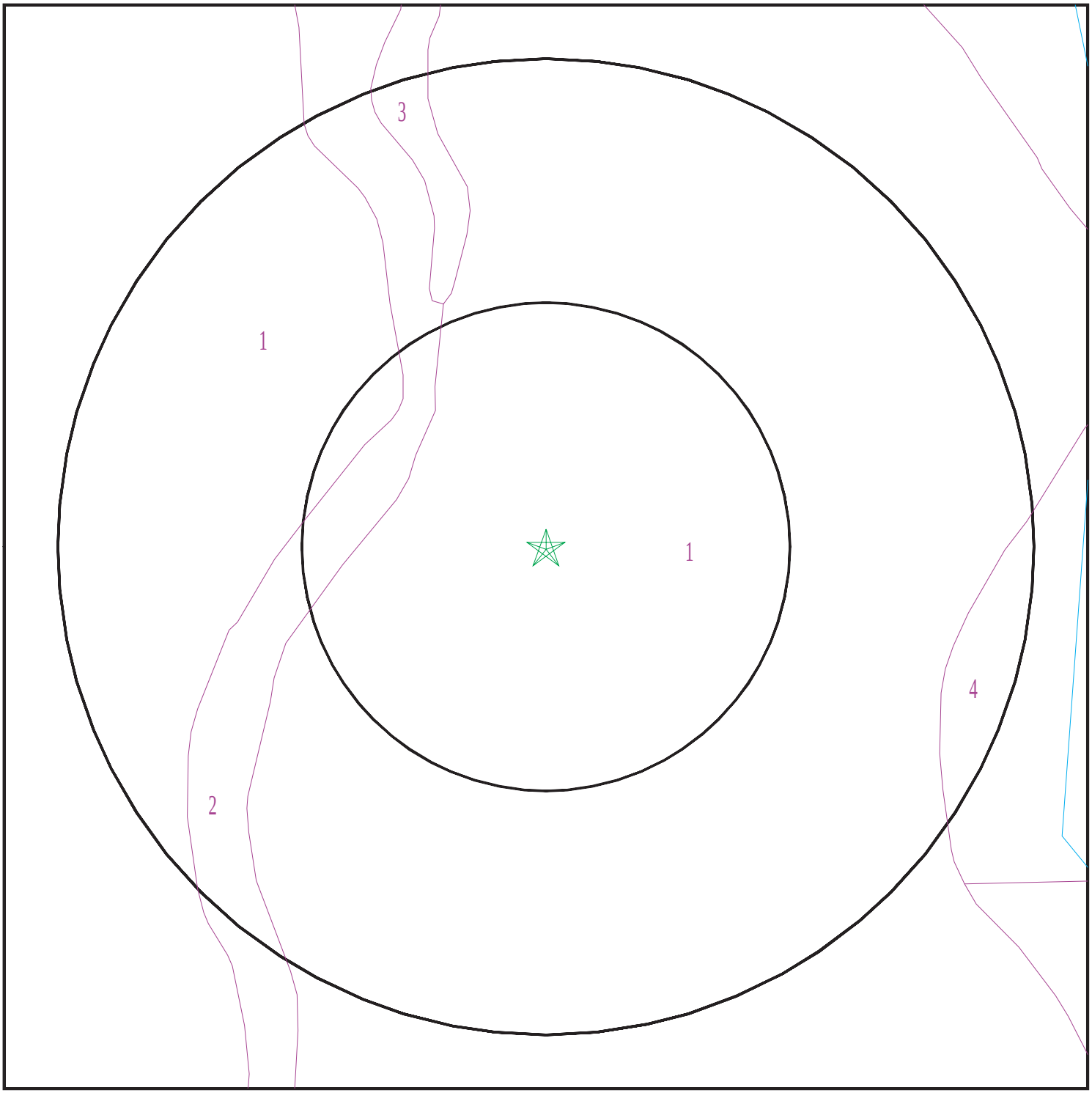
Era:	Cenozoic
System:	Tertiary
Series:	Eocene Claiborne Group
Code:	Te2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 3068048.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Twitchell ADDRESS: 4031 Ross Clark Circle NW Dothan AL 36303 LAT/LONG: 31.2555 / 85.4014	CLIENT: URS Corporation CONTACT: Sarah Hibbs INQUIRY #: 3068048.2s DATE: May 16, 2011 9:10 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 91 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Clarendon

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.5
2	14 inches	40 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.5

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	40 inches	79 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.5

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS2320242	1/8 - 1/4 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

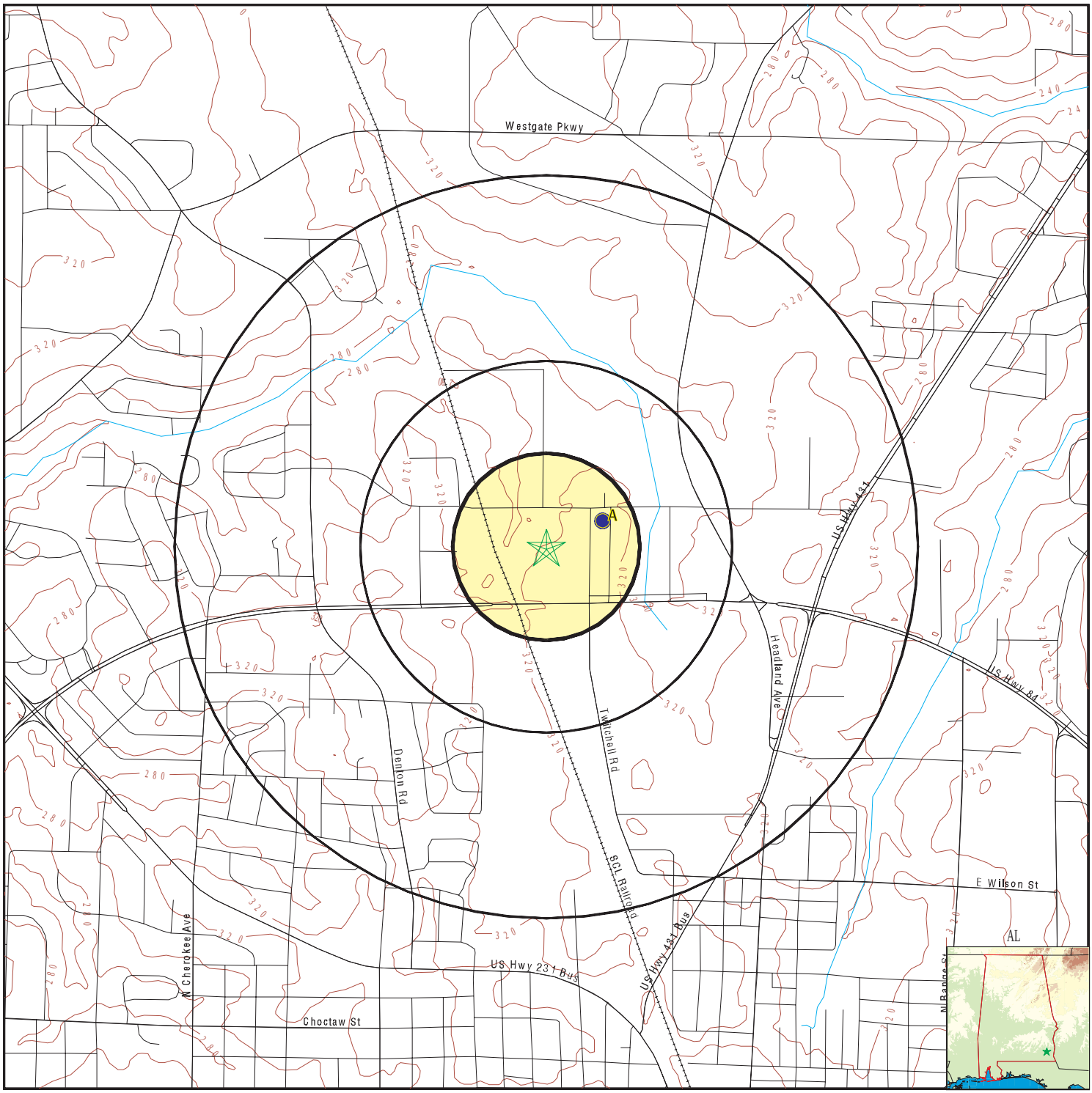
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	AL00000248	1/8 - 1/4 Mile ENE

PHYSICAL SETTING SOURCE MAP - 3068048.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
Oil, gas or related wells

N

SITE NAME: Twitchell	CLIENT: URS Corporation
ADDRESS: 4031 Ross Clark Circle NW Dothan AL 36303	CONTACT: Sarah Hibbs INQUIRY #: 3068048.2s
LAT/LONG: 31.2555 / 85.4014	DATE: May 16, 2011 9:10 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **ENE** **1/8 - 1/4 Mile** **Higher**	**AL WELLS**	**AL00000248**

Well ID:	681
SE ID:	19
System Name:	DOTHAN WATER DEPARTMENT
Source:	WELL 15 TWITCHELL RD.
GPS Update:	2/17/1995

A2 **ENE** **1/8 - 1/4 Mile** **Higher**	**FED USGS**	**USGS2320242**

Agency cd:	USGS	Site no:	311523085235601
Site name:	I 1 DOTHAN PWS # 15-USGS 311523085235601		
Latitude:	311523	EDR Site id:	USGS2320242
Longitude:	0852355	Dec lat:	31.25656351
Dec lon:	-85.39854458	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	069
Country:	US	Land net:	NWNWNWS 01T 03NR 26E
Location map:	MIDLAND CITY	Map scale:	24000
Altitude:	327.82		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Choctawhatchee. Alabama. Area = 1560 sq.mi.		
Topographic:	Upland draw		
Site type:	Ground-water other than Spring	Date construction:	19610421
Date inventoried:	19640414	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined multiple aquifers		
Aquifer:	TERITARY SYSTEM		
Well depth:	724	Hole depth:	733
Source of depth data:	owner		
Project number:	4501-05000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1961-05-10
Water quality data end date:	1973-12-10	Water quality data count:	3
Ground water data begin date:	1961-05-00	Ground water data end date:	1982-01-26
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-01-26	295.00		1961-09-19	193.00	
1961-05	193				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: AL Radon

Radon Test Results

Num Tested	< 4 pCi/L	> 4 pCi/L	% > 4 pCi/L	Avg Level	Highest
74	68	6	8.11	1.71	12
74	68	6	8.11	1.71	12
74	68	6	8.11	1.71	12

Federal EPA Radon Zone for HOUSTON County: 3

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

Federal Area Radon Information for Zip Code: 36303

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.833 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Alabama Wells Data
Source: Department of Environmental Management
Telephone: 334-271-7985

OTHER STATE DATABASE INFORMATION

Well Surface Locations
Source: Geological Survey of Alabama, State Oil and Gas Board
Telephone: 205-247-3661
A listing of oil and gas well locations in the state

RADON

State Database: AL Radon
Source: Department of Public Health
Telephone: 334-206-5391
Short-Term Test Results for Alabama Counties

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D AAI Questionnaire

AAI Questionnaire

In accordance with ASTM 1527-05 and in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user (client or client representative) must provide the following information (if available) to the *environmental professional* (URS). Failure to provide this information could result in a determination that "*all appropriate inquiry*" (AAI) is not complete.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   No.

2. Are you aware of any area use limitations (AULs), such as engineering controls, land use restriction or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, trial, state or local law?
   No.

3. 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 by this type of business?
   Same business on site for last 50+ years. Farmland before that.

4. Does the purchase price being paid for this property reasonable 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?
   N/A

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?

   a. Do you know the past uses of the property?
      See Question 3.

   b. Do you know of specific chemicals that are present or once were present at the property?
      Yes.

c. Do you know of spills or chemical releases that have taken place at the property?
None known.

d. Do you know of any environmental cleanups that have taken place at the property?
None known.

6. 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 at the property?
No.

In addition to the above questions, certain information should be collected, if available, and provided to the *environmental professional*. This information is intended to assist the *environmental professional*, but is not necessarily required to qualify for one of the LLPs.

7. The reason why the ESA is required (i.e. sale, purchase, exchange, etc.).
N/A.

8. The complete name, correct address and/or parcel number for the property (a map or other documentation showing property location and boundaries is helpful).
Twitchell Corporation
4031 Ross Clark Circle
Dothan, AL 36303

9. A description of the property (i.e. acreage, square footage, number of buildings, other structures, age of buildings, above/underground storage tanks, etc.)
35 acres +/-, 350,000 sft under roof. Multiple buildings dating to 1956.

10. Knowledge or previous owners and/or previous uses of the property?
See question 3.

11. Current or previous deeds?
Available.

12. The site contact name and number.
Tim Gilmore
(334) 772-0002 x 1287

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

Appendix E Regulatory Permits

ADEM
Alabama Department of Environmental Management

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT

DISCHARGE AUTHORIZED:	DISCHARGES ASSOCIATED WITH THE TEXTILE INDUSTRY CONSISTING OF STORM WATER, NON-CONTACT COOLING WATER, COOLING TOWER BLOWDOWN, BOILER BLOWDOWN, DEMINERALIZER WASTEWATER, EXTERIOR VEHICLE AND EQUIPMENT WASH WATER, AND STORM WATER FROM PETROLEUM STORAGE AND HANDLING AREAS AND EQUIPMENT STORAGE AND MAINTENANCE AREAS
AREA OF COVERAGE:	THE STATE OF ALABAMA
PERMIT NUMBER:	ALG24-0004
RECEIVING WATERS:	ALL WATERS OF THE STATE NOT DESIGNATED OUTSTANDING NATIONAL RESOURCE WATER

In accordance with and subject to the provisions of Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, ***Code of Alabama 1975,*** *§§22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975,*** *§§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the dischargers covered by this permit are hereby authorized to discharge into the above receiving waters.*

ISSUANCE DATE:	June 11, 2007
EFFECTIVE DATE:	October 1, 2007
EXPIRATION DATE:	September 30, 2012

James E. McAdams

Alabama Department of Environmental Management

TEXTILE INDUSTRY GENERAL PERMIT

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TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN001: Storm water associated with the manufacture of textile products.

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Rainfall	inches	-	Monitor	1/year	2/
pH	s.u.	Monitor	Monitor	1/year	Grab
Biochemical Oxygen Demand, 5-day	mg/l	-	Monitor	1/year	Grab
Chemical Oxygen Demand	mg/l	-	Monitor	1/year	Grab
Oil and Grease	mg/l	-	15	1/year	Grab
Sulfide	mg/l	-	Monitor	1/year	Grab
Total Recoverable Copper	mg/l	-	Monitor	1/year	Grab
Total Recoverable Zinc	mg/l	-	Monitor	1/year	Grab
Total Suspended Solids	mg/l	-	Monitor	1/year	Grab

THERE SHALL BE NO DISCHARGE OF DEBRIS. THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ See Part IV.B. for Storm Water Measurement and Sampling Requirements.

TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN002: Storm water from coal and/or wood chip storage areas.

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Rainfall	inches	-	Monitor	1/6 months	2/
pH	s.u.	6.0	8.5	1/6 months	Grab
Total Suspended Solids	mg/l	-	Monitor	1/6 months	Grab
Oil and Grease	mg/l	-	10	1/6 months	Grab

THERE SHALL BE NO DISCHARGE OF DEBRIS. THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ See Part IV.B. for Storm Water Measurement and Sampling Requirements.

TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN003: Discharges (containing chlorine) associated with non-contact cooling water, cooling tower blowdown, uncontaminated condensate, boiler blowdown, and demineralizer wastewater. 1/ 2/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Monthly Average	Measurement Frequency	Sample Type
Flow	gal/day	-	Monitor	-	1/month	Instantaneous
pH	s.u.	6.0	8.5	-	1/month	Grab
Temperature 3/	°F	-	90	-	1/month	Grab
Total Residual Chlorine 4/ 5/ 6/	mg/l	-	0.019	0.011	1/2 weeks	Grab
Chlorides, Total 7/	mg/l	-	860	-	1/month	Grab
Total Dissolved Solids 7/	mg/l	-	Monitor	-	1/month	Grab

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
2/ If necessary, the demineralizer wastewater may be diluted to meet water quality standards.
3/ Discharges into the Tennessee and Cahaba Rivers including their tributaries or into that stretch of the Tallapoosa River that lies between Thurlow Dam and the confluence of the Tallapoosa and Coosa Rivers including any tributaries shall not exceed 86°F.
4/ If the discharge is greater than 2,500 feet from a water of the state, monitoring of chlorine may not be required if the conditions of "Cooling Water Monitoring Options" of the "Notice of Intent" are met.
5/ Monitoring is required during "shock chlorination", if applicable.
6/ Monitoring is not required if the source water is free of chlorine and no chlorine is added to the cooling water system.
7/ To be monitored when demineralizer wastewater is discharged or when the boiler blowdown volume exceeds 5,000 GPD.

TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN004: Discharges (not containing chlorine) associated with non-contact cooling water, cooling tower blowdown, uncontaminated condensate, boiler blowdown, and demineralizer wastewater. 1/ 2/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Flow	gal/day	-	Monitor	1/month	Instantaneous
pH	s.u.	6.0	8.5	1/month	Grab
Temperature 3/	°F	-	90	1/month	Grab
Chlorides, Total 4/	mg/l	-	860	1/month	Grab
Total Dissolved Solids 4/	mg/l	-	Monitor	1/month	Grab

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
2/ If necessary, the demineralizer wastewater may be diluted to meet water quality standards.
3/ Discharges into the Tennessee and Cahaba Rivers including their tributaries or into that stretch of the Tallapoosa River that lies between Thurlow Dam and the confluence of the Tallapoosa and Coosa Rivers including any tributaries shall not exceed 86°F.
4/ To be monitored when demineralizer wastewater is discharged or when the boiler blowdown volume exceeds 5,000 GPD.

TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN005: Storm water runoff from petroleum storage and fueling areas. 4/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Rainfall	inches	-	Monitor	1/quarter	5/
pH	s.u.	Monitor	Monitor	1/quarter	Grab
BETX 2/ 6/	µg/l	-	154.7	1/quarter	Grab
Naphthalene 3/	µg/l	-	620	1/quarter	Grab
Oil and Grease	mg/l	-	15	1/quarter	Grab
MTBE (Methyl Tertiary Butyl Ether)	µg/l	-	Monitor	1/quarter	Grab

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment.
2/ BETX shall be measured as the sum of benzene, ethylbenzene, toluene, and xylenes.
3/ To be monitored only at facilities which handle diesel fuel.
4/ If fueling operations are the only industrial activities occurring within the drainage area, then DSN007 applies for the discharge, unless the Department deems it necessary to require monitoring under DSN005.
5/ See Part IV.B. for Storm Water Measurement and Sampling Requirements.
6/ The limit for BETX shall be 11.2µg/l if the discharge is to a body of water which is designated as a public water supply.

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN006: Discharge limitations and monitoring requirements for uncontaminated storm water from secondary containment areas.

DISCHARGE COMBINED WITH DSN007

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN007: Discharge limitations and monitoring requirements for uncontaminated storm water from petroleum storage and handling areas and equipment maintenance and storage areas.

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

Such discharge shall be limited and monitored by the permittee as specified below:

1. The facility will have a valid SPCC plan, if required, pursuant to 40 CFR 112.

2. Best Management Practices (BMP) will be used to prevent pollution of storm water by spillage or leakage during petroleum handling operations and from equipment maintenance and storage areas. The BMP shall include at a minimum:

   a. Twice per week inspections of the area and removal of any leaked petroleum product;
   b. Immediate cleanup of spilled or leaked petroleum product during handling operations, including fueling; and
   c. All cleanup activities shall be conducted using dry sweep or other approaches that do not result in the creation of polluted wastewater or storm water runoff.

3. Records shall be maintained in the form of a log and shall contain the following information, as a minimum:

   a. Date and time of twice per week inspections;
   b. Any cleanup accomplished as a result of the inspection
   c. Time the cleanup was initiated and the time it was completed;
   d. Initials of person making visual inspection and performing any cleanup; and
   e. Description of any spillage occurring during petroleum handling, which shall include the date and time of the spill, estimated volume of spill, name of the person observing the spill, date and time the spill was cleaned up, and name of the person cleaning up the spill.

4. Best Management Practices (BMP) are used in draining the diked area. BMP is defined as use of a portable oil skimmer or similar device or the use of absorbant material to remove oil and grease (as indicated by the presence of a sheen) immediately prior to draining.

5. Monitoring records for dike drainage shall be maintained in the form of a log and shall contain the following information, as a minimum:

   a. Date and time of discharge;
   b. Estimated volume of discharge;
   c. Initials of person making visual inspection and authorizing discharge.

6. The discharge shall have no sheen, and there shall be no discharge of visible oil, floating solids or visible foam in other than trace amounts.

* 7. The permittee shall submit an **annual certification** by January 28th that all discharges for the preceding year, associated with the above, were in accordance with the conditions of the permit.

TEXTILE INDUSTRY GENERAL PERMIT LIMITS
GENERAL NPDES PERMIT ALG240000
PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

DSN008: Vehicle and equipment exterior washing operations that DO NOT use solvents.

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Measurement Frequency	Sample Type
Flow	gal/day	-	Monitor	1/week	Instantaneous 2/
pH	s.u.	6.0	8.5	1/month	Grab
Oil and Grease	mg/l	-	15	1/month	Grab
Total Phosphorus	mg/l	-	1.0	1/month	Grab
Total Suspended Solids	mg/l	-	50	1/month	Grab

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment.
2/ If flows are intermittent, the flow volume may be estimated.

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from the following point source(s) outfall(s), described more fully in the permittee's application:

Discharge Monitoring Requirements applicable to all storm water discharges.

Monitoring of one **storm water** outfall within a designed drainage area as representative of the remaining outfalls, may be allowed if the applicant submits certification that the discharges are essentially the same. If at a later date the discharges are determined to be dissimilar or if pollutant concentrations are such that water quality standards are contravened, then monitoring of all discharges may be required.

B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit.

2. Test Procedures

For the purpose of reporting and compliance, permittees shall use the Minimum Level (ML) as established by EPA. All analytical values at or above the ML shall be reported as the measured value. Values below the ML shall be reported as "0". Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance, however should EPA approve a method with a lower minimum level during the term of this permit the permittee shall use the newly approved method.

For pollutant parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the permittee during permit issuance, reissuance, modification, or during compliance schedule.

When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The facility name and location, point source number, date, time and exact place of sampling;

b. The name(s) of person(s) who obtained the samples or measurements;

c. The dates and times the analyses were performed;

d. The name(s) of the person(s) who performed the analyses;

e. The analytical techniques or methods used, including source of method and method number; and

f. The results of all required analyses.

4. Records Retention and Production

a. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the

permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records shall not be submitted unless requested.

b. All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection. A complete copy of the permit should be maintained at the facility.

5. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. At a minimum, flow measurement devices shall be calibrated at least once every 12 months.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

a. This permit requires twice monthly, monthly, quarterly, and semiannual self monitoring. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MONTHLY AND MORE FREQUENTLY THAN MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.

QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The permittee shall conduct the quarterly monitoring during the first full quarter following the effective date of coverage and each quarter thereafter.

SEMI-ANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The permittee shall conduct the semi-annual monitoring during the first complete six-month period following the effective date of coverage and each six-month period thereafter.

ANNUAL MONITORING shall be conducted at least once during the period of January through December. If six or more months are remaining in the first monitoring period, the annual monitoring shall be conducted and then once each twelve-month period thereafter.

b. The permittee shall submit discharge monitoring reports (DMRs) on the forms provided by the Department and in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY, MONTHLY, QUARTERLY, AND SEMI-ANNUAL MONITORING shall be submitted on a semiannual basis. The semiannual reports shall be submitted so that they are received by the Department no later than the 28th day of July and the 28th day of January and each submittal shall report results of all testing performed during the six month period preceding the reporting month. For example, the semiannual report due on January 28th should report the results of testing conducted during the months of July through December.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The annual reports shall be submitted so that they are received by the Department no later than the 28th day of January and each submittal shall report results of all annual testing performed during the twelve month period preceding the reporting month. For example, the annual report due on January 28th should report the results of testing conducted during the previous months of January through December.

c. The DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit. If the permittee, using approved analytical methods as specified in Provision I. B. 2. monitors any discharge from a point source for a limited substance identified in Provision I. A. of this permit

more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR Form and the increased frequency shall be indicated on the DMR Form. In the event no discharge from a point source identified in Provision I. A of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR Form.

d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules and regulations, shall be signed by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

e. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be addressed to:

Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, Alabama 36130-1463
Attention: Environmental Data Section / Information Systems Branch

f. All submittals required by this permit shall bear identification of the permittee by permitted name and permit number.

2. Noncompliance Notification

a. If for any reason, the permittee's discharge (1) does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I. A. of this permit which is denoted by an "(X)", (2) threatens human health or welfare, fish or aquatic life, or water quality standards, (3) does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), (4) contains a quantity of a hazardous substance which has been determined may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4), (5) exceeds any discharge limitation for an effluent characteristic as a result of an unanticipated bypass, upset, (6) is an unpermitted direct or indirect discharge of a pollutant to a water of the state (unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision), the permittee shall orally report the occurrence and circumstances of such discharge to the Director within 24-hours after the permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the permittee shall submit to the Director a written report as provided in Provision I. C. 2. c. no later than five (5) days after becoming aware of the occurrence of such discharge.

b. If for any reason, the permittee's discharge does not comply with any limitation of this permit, the permittee shall submit to the Director a written report as provided in Provision I. C. 2. c. below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Provision I. C. 1. of this permit after becoming aware of the occurrence of such noncompliance.

c. Any written report required to be submitted to the Director by Provision I. C. 2 a. or b. shall be submitted using a copy of the Noncompliance Notification Form provided with this permit and shall include the following information:

(1) A description of the discharge and cause of noncompliance;

(2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and

(3) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Anticipated Noncompliance

The permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility, which may result in noncompliance with permit requirements.

2. Termination of Discharge

The permittee shall notify the Director, in writing, when any point source discharges authorized by this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for termination of the permittees authority to discharge under this General Permit.

3. Updating Information

a. The permittee shall inform the Director of any change in the permittee's mailing address or telephone number or in the permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the permittee shall furnish the Director with an update of any information provided in the Notice of Intent.

b. If the permittee becomes aware that it failed to submit any relevant facts in the Notice of Intent, or submitted incorrect information in the Notice of Intent; or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

4. Duty to Provide Information

a. Any permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for suspending or revoking the permittee's authorization to discharge under this General Permit, in whole or in part, or to determine compliance with this permit or to determine if the permittee should be required to apply for an individual permit.

b. Any or all permittees shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying or terminating this permit.

5. New or Increased Discharges

If there is an increase in pollution potential of the discharges from the permittee's facility the permittee must notify the Director in writing. The Director may at his discretion determine under Part II.F. of this permit what action if any will be taken.

6. Cooling Water and Boiler Water Additives

a. The permittee shall notify the Director in writing not later than sixty (60) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system, not identified in the application for this permit, from which discharge is allowed by this permit. Such notification shall include:

(1) name and general composition of biocide or chemical,

(2) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach,

(3) quantities to be used,

(4) frequencies of use,

(5) proposed discharge concentrations, and

(6) EPA registration of number, if applicable.

b. The use of a biocide or additive containing tributyl tin, tributyl tin oxide, zinc, chromium or related compounds in a cooling or boiler systems(s), from which a discharge regulated by this permit occurs, is prohibited. The use of any additive not identified in this permit or in the application for this permit prior to a determination by the Department that permit modification controlling discharge of the additive is prohibited.

E. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

COMPLIANCE WITH THE PROVISIONS OF THIS PERMIT SHALL BE ACHIEVED NO LATER THAN THE EFFECTIVE DATE OF COVERAGE UNDER THIS PERMIT

2. If required, no later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II

A. REQUIREMENTS FOR COVERAGE UNDER THIS GENERAL PERMIT

1. Notice of Intent

Any person wishing to be permitted to discharge under this General Permit shall submit a Notice of Intent to be covered by this General Permit at least 30 days prior to the date of desired coverage. No discharge authorized under this General Permit may commence until the discharger receives the Director's acknowledgement of the Notice of Intent and approval of the coverage of the discharge by this General Permit. The Director's acknowledgement shall include a copy of this General Permit and the appropriate discharge monitoring report forms.

Any person discharging to a municipal storm sewer, sanitary sewer or combination sewer must notify the municipality by letter of the discharge.

2. Content of Notice of Intent

a. A description of the process generating the discharge for which coverage is desired. This description shall be in sufficient detail to allow the Director to determine that the discharge is included in the category permitted by this General Permit;

b. The latitude and longitude of the discharge points for each discharge and the name of the waterbody receiving each discharge for which coverage under this General Permit is desired; and

c. A contact person, address and phone number for the facility or activity to be covered under this General Permit;

(1) A Notice of Intent shall be signed by a person meeting the requirements for signatories to permit application under ADEM Administrative Code Rule 335-6-6-.09 and the person signing the Notice of Intent shall make the certification required for submission of documents under ADEM Administrative Code Rule 335-6-6-.09.

(2) Signatories to reports, discharge monitoring reports and any other submissions required by this General Permit shall be signed in accordance with the requirements of ADEM Administrative Code Rule 335-6-6-.09.

B. OPERATIONAL AND MANAGEMENT REQUIREMENTS

1. Facilities Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

2. Best Management Practices

a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.

b. The permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 CFR Part 112 if required thereby.

c. The permittee shall prepare and implement a Best Management Practices (BMP) Plan according to Part IV of this permit.

3. Spill Prevention, Control, and Management

The permittee shall provide spill prevention, control, and/or management sufficient to prevent any spills of pollutants from entering a water of the state or a publicly or privately owned treatment works. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and which shall prevent the contamination of groundwater and such containment system shall be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided.

C. OTHER RESPONSIBILITIES

1. Duty to Mitigate Adverse Impacts

The permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving waterbody as necessary to determine the nature and impact of the noncomplying discharge.

2. Right of Entry and Inspection

The permittee shall allow the Director, or an authorized representative, upon the presentation of proper identification to:

a. enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;

b. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

c. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and

d. sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

D. BYPASS AND UPSET

1. Bypass

a. Any bypass is prohibited except as provided in b. and c. below:

b. A bypass is not prohibited if:

(1) It does not cause any discharge limitation specified in Provision I. A. of this permit to be exceeded;

(2) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system; or

(3) It is part of the storm water control system when the intention of the design, as approved by the Director, is to contain the first flush only.

c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I. A. of this permit if:

(1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and

(3) The permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the permittee is granted such authorization, and the permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.

d. The permittee has the burden of establishing that each of the conditions of Provision II. D. 1. b. or c. have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

2. Upset

a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:

(1) No later than 24-hours after becoming aware of the occurrence of the upset, the permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and

(2) No later than five (5) days after becoming aware of the occurrence of the upset, the permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that (i) an

upset occurred; (ii) the permittee can identify the specific cause(s) of the upset; (iii) the permittee's facility was being properly operated at the time of the upset; and (iv) the permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.

b. The permittee has the burden of establishing that each of the conditions of Provision II D. 2. a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I. A. of this permit.

E. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

a. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for: enforcement action, termination, or suspension of authorization under this permit; denial of a permit renewal application; a requirement that permittee submit an application for an individual NPDES permit.

b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a permittee in an enforcement action.

c. The discharge of a pollutant from a source not specifically identified in the Notice of Intent to be covered under this General Permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.

d. The permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.

2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of storm water and/or process water shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facility, including but not limited to the loss or failure of the primary source of power of the treatment facility, the permittee shall, where necessary to maintain compliance with the discharge limitations specified in Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored.

4. Compliance With Statutes and Rules

a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Boulevard, Montgomery, AL 36110.

b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

F. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE

1. Duty to Reapply or Notify of Intent to Cease Discharge

a. The permittee authorized to discharge under this General Permit, who wishes to continue to discharge upon the expiration of this permit, shall submit a Renewal Notice of Intent to be

covered by the reissued General Permit. Such Notice of Intent shall be submitted at least 90 days prior to the expiration date of this General Permit.

b. Failure of the permittee to submit the appropriate application material for reauthorization under this permit at least 90 days prior to the permit's expiration will void the automatic continuation of the authorization to discharge under this permit as provided by ADEM Administrative Code Rule 335-6-6-.06. Should the permit not be reissued for any reason prior to its expiration date, permittees who failed to meet the 90-day submittal deadline will be illegally discharging without a permit after the expiration date of the permit.

2. Change in Discharge

a. The permittee shall give notice to the Director at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in:

(1) The discharge of additional pollutants;

(2) The increase in the quantity of any discharge such that existing permit limitations would be exceeded;

(3) Or that could result in an additional discharge point.

This requirement applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has reviewed the information and taken appropriate action to authorize the discharge under this General Permit, or until such time as an appropriate action has been taken to authorize the discharge under an individual permit.

b. The permittee shall notify the Director as soon as it is known or there is reason to believe:

(1) That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following notification levels:

(a) One hundred micrograms per liter;

(b) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter for antimony;

(c) Five times the maximum concentration value reported for that pollutant in the permit application; or

(2) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

(a) Five hundred micrograms per liter;

(b) One milligram per liter for antimony;

(c) Ten times the maximum concentration value reported for that pollutant in the permit application.

3. Transfer of Permit

This permit may not be transferred or the name of the permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit to identify the new permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of the permittee's premises only, a request for permit modification in a format acceptable to

the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Modification, Revocation and Reissuance, and Termination of Permits

a. During the term of this General Permit the Director may, for cause, and subject to the public notice procedure of ADEM Administrative Code, Rule 335-6-6-.21, modify or revoke and reissue this General Permit, or terminate it and require all those authorized under it to apply for individual NPDES permits. The causes for this action include but are not limited to the causes listed below:

(1) There are material and substantial alterations or additions to the facility or activity generating the discharges which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;

(2) When the Director receives any information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;

(3) When the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;

(4) Upon the failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge;

(5) When the level of discharge of any pollutant which is not limited in the permit exceeds the level which can be achieved by the technology based treatment requirements appropriate to discharge under 40 CFR 125.3(c);

(6) To correct technical mistakes, such as errors in calculation, clerical errors or mistaken interpretations of law made in determining permit conditions;

(7) If the permit limitations are found not to be protective of water quality standards;

(8) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;

(9) When required by the reopener conditions in this permit, and

(10) For any applicable cause set forth in ADEM Administrative Code Rule 335-6-6-.17.

b. Subject to the public notice procedures of ADEM Administrative Code Rule 335-6-6-.21, the Director may terminate this General Permit during its term for any of the causes for modification listed in Part II.F.4.a.

c. The Director may terminate authorization to discharge under this General Permit for cause. Cause shall include but not be limited to:

(1) Noncompliance with the permit;

(2) Noncompliance with Department Rules;

(3) A finding that this General Permit does not control the discharges sufficiently to protect water quality or comply with treatment based limits applicable to the discharge;

(4) The permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the permittee's misrepresentation of any relevant facts at any time;

(5) Materially false or inaccurate statements or information in the permit application or the permit;

(6) A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

(7) The permittee's discharge threatens human life or welfare;

(8) Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge; and

(9) New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C),(D),(E),and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the permittee.

d. If the permittee believes that any past or planned activity would be cause for modification or revocation and reissuance of this General Permit under ADEM Administrative Code Rule 335-6-6-.23 (7), or termination and issuance of an individual permit under ADEM Administrative Code Rule 335-6-6-.23 (9) the permittee must report such information to the Permit Issuing Authority. The submittal of a new application may be required of the permittee. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned change, anticipated noncompliance or application for an individual permit, does not stay any permit condition.

5. Issuance by the Director of an Individual NPDES Permit to a Person Eligible for Coverage or Covered by This General Permit.

a. The Director may require any person, otherwise eligible for coverage under this General Permit, to apply for an individual NPDES permit by notifying that person that an application is required. Notification shall consist of a written description of the reason(s) for the decision, appropriate permit application forms and directions, a statement informing the person that upon issuance of the individual permit coverage by this General permit shall automatically terminate. Reasons for this requirement may be:

(1) Noncompliance with the General Permit;

(2) Noncompliance with Department Rules;

(3) A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the wastewater being discharged;

(4) Effluent guidelines are promulgated for a point source(s) covered by the General Permit;

(5) A water quality management plan applicable to the wastewater being discharged under this General Permit;

(6) Circumstances have changed since the time of the request to be covered so that the discharger is no longer appropriately controlled under this General Permit or either a temporary reduction or permanent reduction or elimination of the authorized discharge is necessary;

(7) Standards for sewage sludge use or disposal have been promulgated for the sludge use or disposal practice covered by this General Permit;

(8) The discharge(s) is a significant contributor of pollutants. In making this decision the Director may consider:

(i) the location of the discharges with respect to waters of the state,

(ii) the size of the discharger, and

(iii) the quantity and nature of the pollutants discharged to waters of the state.

(9) A determination that the water of the state receiving the discharge is not meeting applicable water quality standards.

6. Request for an Individual NPDES Permit by a Person Covered Under This General Permit.

a. Any person covered by this General Permit may apply for termination of coverage by applying for an individual NPDES permit.

b. A permit application submitted voluntarily or at the direction of the Director for the purpose of termination of coverage by this General Permit shall be processed in accordance with the rules found in ADEM Administrative Code 335-6-6 applicable to individual permits.

c. Any person may petition the Director for withdrawal of this General Permit authority from a discharger. The Director shall consider the information submitted by the petitioner and any other information he may be aware of and may obtain additional information from the discharger and through inspections by Department staff and shall decide if coverage should be withdrawn. The petitioner shall be informed of the Director's decision and shall be provided a summary of the information considered.

7. Request for Permit Action Does Not Stay Any Permit Requirement

The filing of a request by the permittee for any permit action such as termination, or application for individual permit or any other action, does not stay any permit term or condition.

G. COMPLIANCE WITH TOXIC POLLUTANT STANDARD OR PROHIBITION

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the permittee and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I. A. of this permit, or controls a pollutant not limited in Provision I. A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition and the permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

H. DISCHARGE OF WASTEWATER GENERATED BY OTHERS

The discharge of wastewater, generated by any process, facility, or by any other means not under the operational control of the permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit.

PART III

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

3. Permit Enforcement

a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of the permit are enforceable under state and federal law and as described under Rule 335-6-6-.18.

b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes.

(1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;

(2) An action for damages;

(3) An action for injunctive relief; or

(4) An action for penalties.

4. Relief From Liability

Except as provided in Provision II. D. 1. (Bypass) and Provision II. D. 2. (Upset), nothing in this permit shall be construed to relieve the permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. COMPLIANCE WITH WATER QUALITY STANDARDS

1. The permittee may be required by the Director to apply for an individual permit, if the Director determines that discharge under this General Permit causes a violation of a water quality standard or stream use classification.

2. Compliance with permit terms and conditions notwithstanding, if the permittee's discharge(s) from point sources identified in Provision I. A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require the permittee to take abatement action or apply for an individual permit pursuant to the Department's Rules, or both.

3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification.

F. GROUNDWATER

Unless specifically authorized by a permit issued by the Department, the discharge of pollutants to groundwater is prohibited. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem and the Director may require that the permittee undertake measures to abate any such discharge and/or contamination.

G. DEFINITIONS

1. Authorization – means granted the privilege of discharging under the terms of this General Permit.

2. Average monthly discharge limitation - means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

3. Average weekly discharge limitation - means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

4. AWPCA - means the Alabama Water Pollution Control Act.

5. Bypass - means the intentional diversion of waste streams from any portion of a treatment facility.

6. Daily discharge - means the discharge of a pollutant measured during any consecutive 24 hour period in accordance with the sample type and analytical methodology specified by the discharge permit.

7. Daily maximum - means the highest value of any individual sample result obtained during a day.

8. Daily minimum - means the lowest value of any individual sample result obtained during a day.

9. Day - means any consecutive 24-hour period.

10. Department - means the Alabama Department of Environmental Management.

11. Director - means the Director of the Department.

12. Discharge - means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other waste into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(9).

13. Discharge monitoring report (DMR) - means the form approved by the Director to accomplish reporting requirements of an NPDES permit.

14. EPA - means the United States Environmental Protection Agency.

15. FWPCA - means the Federal Water Pollution Control Act.

16. Notice of Intent – means forms and additional information that are required by ADEM Administrative Code Rule 335-6-6-.23 and applicable permit fees.

17. Permit application - means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.

18. Point source - means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).

19. Pollutant - includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.

20. Severe property damage - means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

21. Shock chlorination – means the periodic use of chlorine in cooling water systems as a biocide.

22. Upset - means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

23. Waters - means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.

24. Week - means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PART IV

A. BEST MANAGEMENT PRACTICES (BMP) PLAN

1. Plan Content. The permittee shall prepare and implement a best management practices plan (BMP) which shall:

   a. Provide control sufficient to prevent or control pollution of storm water by particles to the degree required to maintain compliance with this permit and water quality standards. Erosion control should also be addressed.

   b. Prevent the spillage or loss of fluids, oil, grease, gasoline, etc. thereby prevent the contamination of storm water from these substances;

   c. Prevent or minimize storm water contact with residual wash down water;

d. Prevent or minimize storm water contact with any other pollutants present at the permittee's facility;

e. Designate by position or name the person or persons responsible for the day to day implementation of the BMP;

f. Provide for, at a minimum, two inspections a week, on days during which the facility is manned, of any structures that function to prevent storm water pollution or to remove pollutants from storm water and of the facility in general to ensure that the BMP is continually implemented and effective;

g. Include a diagram of the facility showing the direction of the storm water flow, the discharge point(s), and the locations of any structures or other mechanisms intended to prevent pollution of storm water or to remove pollutants from storm water. The site map should also identify the location, size, and contents of any tanks.

h. Bear the signature of the plant manager or corporate official.

2. Compliance Schedule. The permittee shall prepare and fully implement the BMP no later than the date coverage is granted.

3. Department Review

a. When requested by the Director or his designee, the permittee shall make the BMP available for Department review.

b. The Director or his designee may notify the permittee at any time that the BMP is deficient and require correction of the deficiency.

c. The permittee shall correct any BMP deficiency identified by the Director or his designee within 30 days of receipt of notification and shall certify to the Department that the correction has been made and implemented.

4. Administrative Procedures

a. A copy of the BMP shall be maintained at the facility and shall be available for inspection by representatives of the Department.

b. A log of the inspections required by Part IV.A. of this Permit shall be maintained at the facility and shall be available for inspection by representatives of the Department. The log shall contain records of all inspections performed and any corrective actions taken for the last three years and each entry shall be signed by the person performing the inspection and any corrective actions taken.

c. The permittee shall provide training for any personnel required to implement the BMP and shall retain documentation of such training at the facility. This documentation shall be available for inspection by representatives of the Department. Training shall be performed prior to the date that implementation of the BMP is required.

d. BMP Plan Modification. The permittee shall amend the BMP Plan whenever there is a change in the facility or change in operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.

B. STORM WATER MEASUREMENT AND SAMPLING

1. Storm Water Measurement

a. All storm water samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches.

b. The storm water event must be monitored, including the date and rainfall (in inches) for the storm event(s) sampled. The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event must be a minimum of 72 hours. This information must be recorded as part of the sampling procedure and records retained according to Part I.B.4.b. of this permit.

c. During the sampling storm event, rainfall must be reported and may be measured using a rain gauge. This information must be recorded as part of the sampling procedure and records retained according to Part I.B.4.b. of this permit.

2. Storm Water Sampling

a. A grab sample, if required by this permit, shall be taken during the first thirty minutes of the discharge (or as soon thereafter as practicable); and a flow weighted composite sample, if required by this permit, shall be taken for the entire event or for the first three hours of the event.

b. All test procedures will be in accordance with Part I.B.2. of this permit.

Please print or type in the *unshaded* areas only

ADEM Form 8700-12 (8/04m2)
(for ADEM Use Only)

Please refer to the *ADEM Form 8700-12 Notification Form Instructions* before completing this form. Information requested here is required by law (§ 3010 of the *Resource Conservation and Recovery Act*).

ADEM

Notification of Regulated Waste Activity

Alabama Department of Environmental Management

I. Notification Class *(Check appropriate box and enter ID number, if known.)*

☐ Initial Notification ☑ Annual Notification

Facility's EPA ID Number: ALD983172297

II. Operating Name of Facility *(Include company and specific site name)*

Twitchell Corporation

Operating Name of Facility *(Continued)*

Twitchell Corporation

III. Change of Facility Name? ☑ No Yes ☐ *(If Yes, enter previous name of Facility below.)*

IV. Location of Facility *(Physical address not P. O. Box or Route Number)*

Street: 4031 Ross Clark Circle NW

City or Town: Dothan State: AL Zip Code: 36304 - 0156

V. Geographic Location *(See Instructions)*

Method: ☑ GPS Latitude: 31 15 12 • 344 N Longitude: 085 24 05 • 321 W

County Name: Houston

VI. Facility Contact *(Person to be contacted regarding waste activities at site)*

Name *(First)*: Gena *(Last)*: Webb

Job Title: R&D Project Eng Phone Number *(Area Code and Number)*: 334 - 792 - 0002 Ext. 1351

Contact Email Address *(Optional)*: genaw @twitchellcorp.com

VII. Facility Mailing Address *(See Instructions)*

Street or P. O. Box: PO Box 8156

City or Town: Dothan State: AL Zip Code: 36304 - 0156

VIII. Description of Facility Processes *(See instructions for NAICS Code listings)*

A. Facility Process In the space provided below, describe each of the processes at your facility that produce Regulated Wastes.

1. Blending and coating (through extrusion) of Polyvinylchloride resin onto polyester fibers,
2. followed by beaming, weaving and finishing.
3. Maintenance activities utilizing solvents for degreasing.
4.
5.

B. NAICS Codes: Enter the six-digit North American Industry Classification System (NAICS) Code of the overall production, distribution, or service activity of your site. Also, provide any additional NAICS Codes that describe the specific industrial processes that are used.

Primary	2	3	4	5
313210	313320			

Continued on Next Page

IX. Ownership (*See Instructions*)

A. Legal Name of Facility

Twitchell Corporation

B. Name of Facility's Legal Owner

Wind Point Partners

Street, P. O. Box or Route Number: 676 N Michigan Ave Ste 3300

City or Town: Chicago | State: IL | Zip Code: 60611

Phone Number (*Area Code and Number*): 312-255-4800 | C. Land Type: P | D. Owner Type: P | E. Operator Type: P | Change of Owner Indicator: Yes [ ] No [✓] | Date Changed: Month / Day / Year

F. Name of Facility's On-Site Operator

Twitchell Corporation

Street, P. O. Box or Route Number: 4031 Ross Clark Circle NW

City or Town: Dothan | State: AL | Zip Code: 36304-0156

Phone Number (*Area Code and Number*): 334-792-0002 | Ext.

G. Name of Facility's Parent Company

Wind Point Partners

Street, P. O. Box or Route Number: 676 N Michigan Ave Ste 3300

City or Town: Chicago | State: IL | Zip Code: 60611

Phone Number (*Area Code and Number*): 312-255-4800 | Ext. | Change of Owner Indicator: Yes [ ] No [✓] | Date Changed: Month / Day / Year

H. Name of Facility's Property Owner

Wind Point Partners

Street, P. O. Box or Route Number: 676 N Michigan Ave Ste 3300

City or Town: Chicago | State: IL | Zip Code: 60611

Phone Number (*Area Code and Number*): 312-255-4800 | Ext. | Change of Owner Indicator: Yes [ ] No [✓] | Date Changed: Month / Day / Year

Facility's EPA ID Number: ALD983172297

(*Continued on Next Page*)

X. Certification Status

Note: Pursuant to Rules 335-1-6 of the ADEM Administrative Code, all Notification Forms submitted to the Department must include the appropriate certification fee in order to be complete.

During at least 1 month of the year, this facility will operate and/or maintain: *(Check all that apply)*

A. Hazardous Waste Activities *(Attach Schedule A)*

1. ☐ Large Quantity Generator ≥ 2,200 lbs/month (≥ 1,000 kg/month)
2. ☐ Small Quantity Generator between 221 and 2,199 lbs/month (between 101 and 999 kg/month)
3. ☒ Conditionally Exempt Generator ≤ 220 lbs/month (≤ 100 kg/month)

(Note: Household generation is exempt under 335-14-2-.01(4)(b)1.)

4. ☐ Transporter/Transfer Facility
5. ☐ Treatment Facility – Combustion
6. ☐ Treatment Facility – Other than Combustion
7. ☐ Storage Facility
8. ☐ Disposal Facility

B. Used Oil Activities *(Attach Schedule B)*

1. ☒ Generator (≥ 25 gallons/month)
2. ☐ Transporter/Transfer Facility
3. ☐ Processor/Re-refiner
4. ☐ Fuel Marketer
5. ☐ Burner

C. Universal Waste Activities *(Attach Schedule C)*

1. ☐ Universal Waste Transporter
2. ☐ Large Quantity Handler ≥ 11,020 lbs (≥ 5,000 kg)
3. ☒ Small Quantity Handler <11,020 lbs (< 5,000 kg)

Any ADEM Form 8700-12 submitted without all appropriate waste schedules and certification fees will not be processed.

XI. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or Print)*	Date Signed
Tim Gilmore	Tim Gilmore, VP Operations	10/7/10

XII. Comments

	Date Processed (for Official Use Only)

Mail completed form, a check or money order for all appropriate certification fees, and all necessary schedules and attachments to:

Alabama Department of Environmental Management
Permits & Services Division
P. O. Box 301463
Montgomery, AL 36130-1463

Facility's EPA ID Number											
A	L	D	9	8	3	1	7	2	2	9	7

XIII. Additional Information Sheet

Facility's EPA ID Number											
A	L	D	9	8	3	1	7	2	2	9	7

(for ADEM Use Only)

Please refer to the *ADEM Form 8700-12 Notification Form Instructions* before completing this form. Information requested here is required by law (§ 3010 of the *Resource Conservation and Recovery Act*).

ADEM Form 8700-12

Schedule A

Certification of Hazardous Waste Management

I. Type of Hazardous Waste Activity *(Mark 'X' in the appropriate boxes; See Instructions)*

- [X] **A. Hazardous Waste Generator**
  - [ ] 1. 2,200 lbs *(1,000 kg)* per month or more *(LQG)*
  - [ ] 2. 221 to 2,199 lbs *(101 - 999 kg)* per month *(SQG)*
  - [X] 3. 220 lbs *(100 kg)* per month or less *(CESQG)*
  - [ ] 4. United States Importer of Hazardous Waste
- [ ] **B. Hazardous Waste Transporter/Transfer Facility** ††
  - [ ] 1. Commercial Transporter *(received wastes from others)*
    - [ ] a. Air
    - [ ] b. Rail
    - [ ] c. Highway
    - [ ] d. Water
    - [ ] e. Other *(Specify)* _____
  - [ ] 2. Self Transporter *(Own Waste Only)*
  - [ ] 3. Transfer Facility
    - [ ] a. Loaded trucks
    - [ ] b. Off-loaded containers
    - [ ] c. Bulk Transfer between vehicles
- [ ] **C. Treatment, Storage, Disposal Facility** (at Facility) ††
  - [ ] 1. Facilities subject to Permit
    - [ ] a. Operating Units
    - [ ] b. SWMU CA
    - [ ] c. Post Closure Care
    - [ ] d. Other *(Specify)* _____
  - [ ] 2. Permit Exempt Treatment *(subject to ADEM verification)*
    - [ ] a. WWTU/ENU
    - [ ] b. Recycling Unit
    - [ ] c. TETF
    - [ ] d. Generator Evaporation
    - [ ] e. Generator Physical Processing
    - [ ] f. Other *(Specify)* _____
- [ ] **D. Hazardous Waste Fuel Activity** ††
  - [ ] 1. Blender Marketing to Burner
  - [ ] 2. Other Marketers
  - [ ] 3. Boiler and/or Industrial Furnace
    - [ ] a. Smelter Deferral
    - [ ] b. Small Quantity Exemption
- [ ] **E. Recycling Activities** *(Specify)* _____

†† **NOTE:** *A permit may be required for this activity. Contact (334) 271-7730 for more information.*

II. Hazardous Waste Generation

A. Waste Description *In the space provided, list the types of regulated waste typically generated or handled by your Facility.* Attach additional sheets as necessary.

Types of Waste Generated	Estimated Yearly Generation *in lbs.*
1. Spilled process ingredients	100lbs
2. Overage/offspec process ingredients	300lbs
3. Solvent-laden rags used for cleaning	100lbs
4.	

B. Characteristics of Nonlisted Hazardous Wastes. *[Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your Facility handles; See 335-14-2-.03(1) - (5). Additional spaces are available on the Supplemental page if you need to list more hazardous waste numbers.]*

1. Ignitable *(D001)*	2. Corrosive *(D002)*	3. Reactive *(D003)*	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))			
[ ]	[ ]	[ ]	[X]	D004	D005	D008	D
D	D	D	D	D	D	D	D
D	D	D	D	D	D	D	D
D	D	D	D	D	D	D	D

C. Listed Hazardous Wastes. *[See 335-14-2-.04(2) - (4)]; Attach the Supplemental page if you need to list more hazardous waste numbers.*

1	2	3	4	5	6
F003					
7	**8**	**9**	**10**	**11**	**12**
13	**14**	**15**	**16**	**17**	**18**
19	**20**	**21**	**22**	**23**	**24**

(Continued on Next Page)

Facility's EPA ID Number: ALD983172297

II. Hazardous Waste Generation *(continued)*

25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66

III. Hazardous Waste Transporter/Transfer Facility

During a typical year, this facility transports/transfers N/A *(quantity in pounds)* **of Hazardous Waste.**

IV. Treatment, Storage, Disposal Facility *(at Facility)*

During a typical year, this facility treats N/A *(quantity in pounds)* **of Hazardous Waste.**

During a typical year, this facility stores N/A *(quantity in pounds)* **of Hazardous Waste.**

During a typical year, this facility disposes N/A *(quantity in pounds)* **of Hazardous Waste.**

V. Hazardous Waste Fuel Activity

During a typical year, this facility markets N/A *(quantity in pounds)* **of Hazardous Waste.**

During a typical year, this facility combusts N/A *(quantity in pounds)* **of Hazardous Waste.**

VI. Recycling Activity

During a typical year, this facility recycles N/A *(quantity in pounds)* **of Hazardous Waste.**

Note: In order for this schedule to be accepted by ADEM, it must be attached to a completed Notification of Regulated Waste Activity, ADEM Form 8700-12, and must include the appropriate certification fees, as required by 335-1-6.

Comments:

Facility's EPA ID Number											
A	L	D	9	8	3	1	7	2	2	9	7

Please print or type in the unshaded areas only

II. Hazardous Waste Generator *(Supplemental)*

D. Listed and Nonlisted Hazardous Wastes Codes. *[See 335-14-2-.04(2) - (4) and 335-14-2-.03(1) - (5)] If you need to list more hazardous waste numbers, attach copies of this page as necessary.*

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120

Facility's EPA ID Number

A	L	D	9	8	3	1	7	2	2	9	7

II. Hazardous Waste Generator *(Supplemental)*

D. Listed and Nonlisted Hazardous Wastes. *[See 335-14-2-.04(2) - (4) and 335-14-2-.03(1) - (5)] If you need to list more hazardous waste numbers, attach copies of this page as necessary.*

121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
169	170	171	172	173	174
175	176	177	178	179	180
181	182	183	184	185	186
187	188	189	190	191	192
193	194	195	196	197	198
199	200	201	202	203	204
205	206	207	208	209	210
211	212	213	214	215	216
217	218	219	220	221	222
223	224	225	226	227	228
229	230	231	232	233	234
235	236	237	238	239	240

Please print or type in the unshaded areas only

ADEM Form 8700-12 B(8/04)

(for ADEM Use Only)

Please refer to the *ADEM Form 8700-12 Notification Form Instructions* before completing this form. Information requested here is required by law (§ 3010 of the *Resource Conservation and Recovery Act*).

ADEM Form 8700-12

Schedule B

Certification of Used Oil Management

I. Type of Used Oil Management Activity *(See Instructions)*

- [x] **A. Used Oil Generator/Collector**
  - [x] **1.** On-site Generation Only
  - [ ] **2.** Do-it-yourself Collection Center (i.e., from off-site source)
  - [ ] **3.** Collection Center (i.e., from off-site source)
  - [ ] **4.** Aggregation Point (i.e., from off-site source)
- [ ] **B. Used Oil Fuel Marketer**
  - [ ] **1.** Directs Shipment of Used Oil to Off-Specification Burner
  - [ ] **2.** First Claims Used Oil Meets Specifications
  - [ ] **3.** Burns Only Used Oil Generated On-site as On-Specification Fuel
- [ ] **C. Off-Specification Used Oil Fuel Burner**
  - [ ] **1.** Burns Only Off-Specification Used Oil Generated On-Site
  - **2.** Indicate Type(s) of Devices
    - [ ] **a.** Utility Boiler
    - [ ] **b.** Industrial Boiler
    - [ ] **c.** Industrial Furnace
- [ ] **D. Used Oil Transporter ††**
  - [ ] **1.** Only For Used Oil Generated On-site
  - [ ] **2.** Operates a Transfer Facility
- [ ] **E. Used Oil Processor/Re-refiner**

†† **NOTE:** *A permit is required for this activity. Contact (334) 271-7758 for more information*

II. Used Oil Generation

During a typical year, this facility collects/generates 475lbs *(quantity in pounds)* **of Used Oil.**

III. Used Oil Fuel Marketer

During a typical year, this facility markets N/A *(quantity in pounds)* **of Used Oil.**

IV. Used Oil Burner

During a typical year, this facility burns N/A *(quantity in pounds)* **of Used Oil.**

V. Used Oil Transporter

During a typical year, this facility transports N/A *(quantity in pounds)* **of Used Oil.**

VI. Used Oil Processor/Re-refiner

During a typical year, this facility processes/re-refines N/A *(quantity in pounds)* **of Used Oil.**

Note: In order for this schedule to be accepted by ADEM, it must be attached to a completed Notification of Regulated Waste Activity, ADEM Form 8700-12, and must include the appropriate certification fees, as required by 335-1-6.

Comments: N/A

Facility's EPA ID Number											
A	L	D	9	8	3	1	7	2	2	9	7

Please print or type in the unshaded areas only

ADEM Form 8700-12 C(8/04)
(for ADEM Use Only)

Please refer to the *ADEM Form 8700-12 Notification Form Instructions* before completing this form. The information requested here is required by law (§ 3010 of the *Resource Conservation and Recovery Act*).

ADEM Form 8700-12

Schedule C

Certification of Universal Waste Management

I. Type of Universal Waste Activity *(See Instructions)*

☐ A. Universal Waste Transporter

☐ B. Large Quantity Handler

	Estimated Yearly Amount (in lbs.) Accumulated	Generated
1. Battery(ies)		
2. Pesticide(s)		
3. Thermostat(s)		
4. Lamps		
5. Other *(specify)* _____		

☒ C. Small Quantity Handler

	Estimated Yearly Amount (in lbs.) Accumulated	Generated
1. Battery(ies)	0	75
2. Pesticide(s)	0	0
3. Thermostat(s)	0	0
4. Lamps	0	0
5. Other *(specify)* _____	N/A	N/A

II. Universal Waste Transporter

During a typical year, this facility transports N/A *(quantity in pounds)* of Universal Waste.

III. Universal Waste Handler

During a typical year, this facility handles N/A *(quantity in pounds)* of Universal Waste.

Note: In order for this schedule to be accepted by ADEM, it must be attached to a completed Notification of Regulated Waste Activity, ADEM Form 8700-12, and must include the appropriate certification fees, as required by 335-1-6.

Comments: N/A

Facility's EPA ID Number

A	L	D	9	8	3	1	7	2	2	9	7

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

AIR PERMIT

PERMITTEE: **TWITCHELL CORPORATION**

LOCATION: **DOTHAN, ALABAMA**

PERMIT NUMBER	DESCRIPTION OF EQUIPMENT, ARTICLE OR DEVICE
607-0038-X001	Polymeric Coating Operations

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Code of Alabama 1975, §§22-28-1 to 22-28-23 (the "AAPCA") and the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

ISSUANCE DATE: **November 22, 2004**

Alabama Department of Environmental Management

TWITCHELL CORPORATION

PROVISOS

Permit No. 607-0038-X001

1. This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.
2. This permit is not transferable. Upon sale or legal transfer, the new owner or operator must apply for a permit within 30 days.
3. A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
4. Each point of emission will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.
5. In case of shutdown of air pollution control equipment for scheduled maintenance for a period greater than 4 hours, the intent to shut down shall be reported to the Department at least 24 hours prior to the planned shutdown.
6. In the event there is a breakdown of equipment in such a manner as to cause an increased emission of air contaminants for a period greater than 4 hours, the person responsible for such equipment shall notify the Department within an additional 24 hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Department shall be notified when the breakdown has been corrected.
7. All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.
8. Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require stack emission testing at any time.
9. Additions and revisions to the conditions of this Permit will be made, if necessary, to ensure that the Department's air pollution control rules and regulations are not violated.
10. Nothing in this permit or conditions thereto shall negate any authority granted to the Department pursuant to the Alabama Environmental Management Act or regulations issued thereunder.

11. Precautions to prevent fugitive dust shall be taken so that provisions of the Department's rules and regulations shall not be violated.

12. This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.

13. The Department must be notified in writing at least 10 working days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.

    To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:

    (1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.
    (2) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedure requires probe cleaning).
    (3) A description of the process(es) to be tested, including the feed rate, any operating parameter used to control or influence the operations, and the rated capacity.
    (4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.

    A pretest meeting may be held at the request of the source owner or the Department. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.

    All test reports must be submitted to the Department within 15 days of the actual completion of the test, unless an extension of time is specifically approved by the Department.

14. Any performance tests required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.

15. This facility is subject to 40 CFR 60 Subpart VVV - Standards of Performance for New Stationary Sources (NSPS) for Polymeric Coating of Supporting Substrates.

(A) Make semiannual estimates of the projected annual amount of VOC to be used for the manufacture of polymeric coated substrate at the affected coating operation in year: and

(B) Accurate and understandable records of consumption, which record at least the last five years of data, will be maintained in a permanent form suitable for inspection and be available immediately upon request. This facility shall provide a copy of records and supporting background documents upon request that pertain to this air permit. These records shall contain the following information:

(1) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month.

(2) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.

(3) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.

(4) Compliance with VOC and VHAP limits shall be based upon monthly material use inventories. Emissions may be adjusted for VOC and VHAP content of material removed from the plant as waste or returns if the record keeping and details surrounding the materials are approved in advance.

(5) Complete inventories of the VOC and HAP containing materials (their usage, VOC content and VHAP content) shall be made at the end of each calendar month.

(6) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons

(7) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons shall be submitted semiannual beginning on issuance of this Air Permit.

16. The baghouses shall be visually observed when operating a minimum of once daily for greater than normal visible emissions as determined by previous observations.

17. Whenever observed visible emissions are greater than normal, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that emissions are reduced to normal.

18. The baghouses shall be inspected for proper operation and cleaned at least annually and whenever observed emissions are greater than normal.

19. A logbook of the daily visible observations required in proviso 16 shall be retained for at least two years and available for inspection upon request. This log book should also include the nature and date of any maintenance actions taken to correct excess opacity episodes.

20. Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.

21. Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:
    (a) by the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;

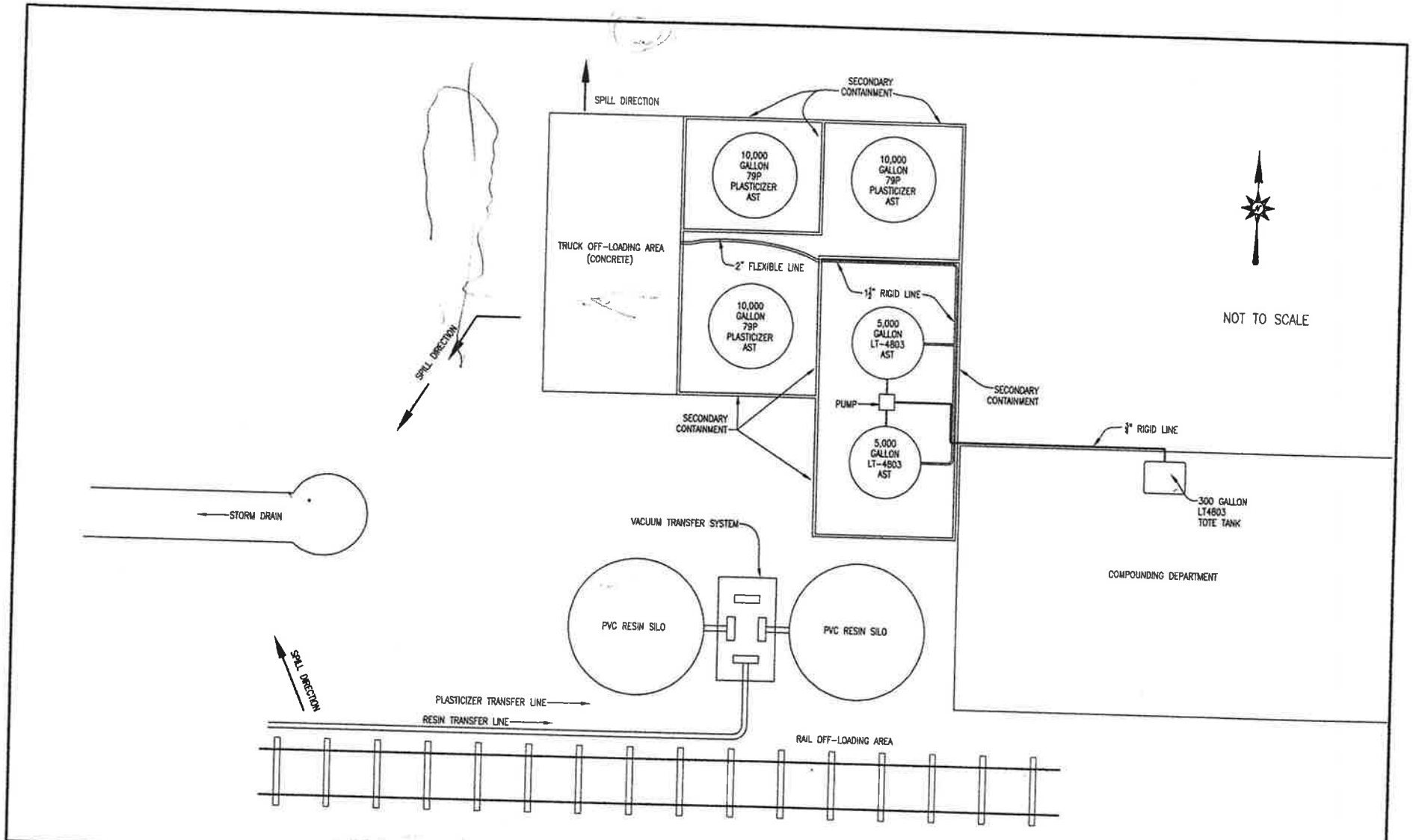
    (b) by reducing the speed of vehicular traffic to a point below that at which dust emissions are created;

    (c) by paving;

    (d) by the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;

    Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Department prior to utilization.

November 22, 2004
Date



Advanced Environmental Technologies LLC.

TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE NW
DOTHAN, ALABAMA
HOUSTON COUNTY

BULK CHEMICAL STORAGE DRAINAGE FLOW MAP

FIGURE 2

PROJECT NO. 23076.00

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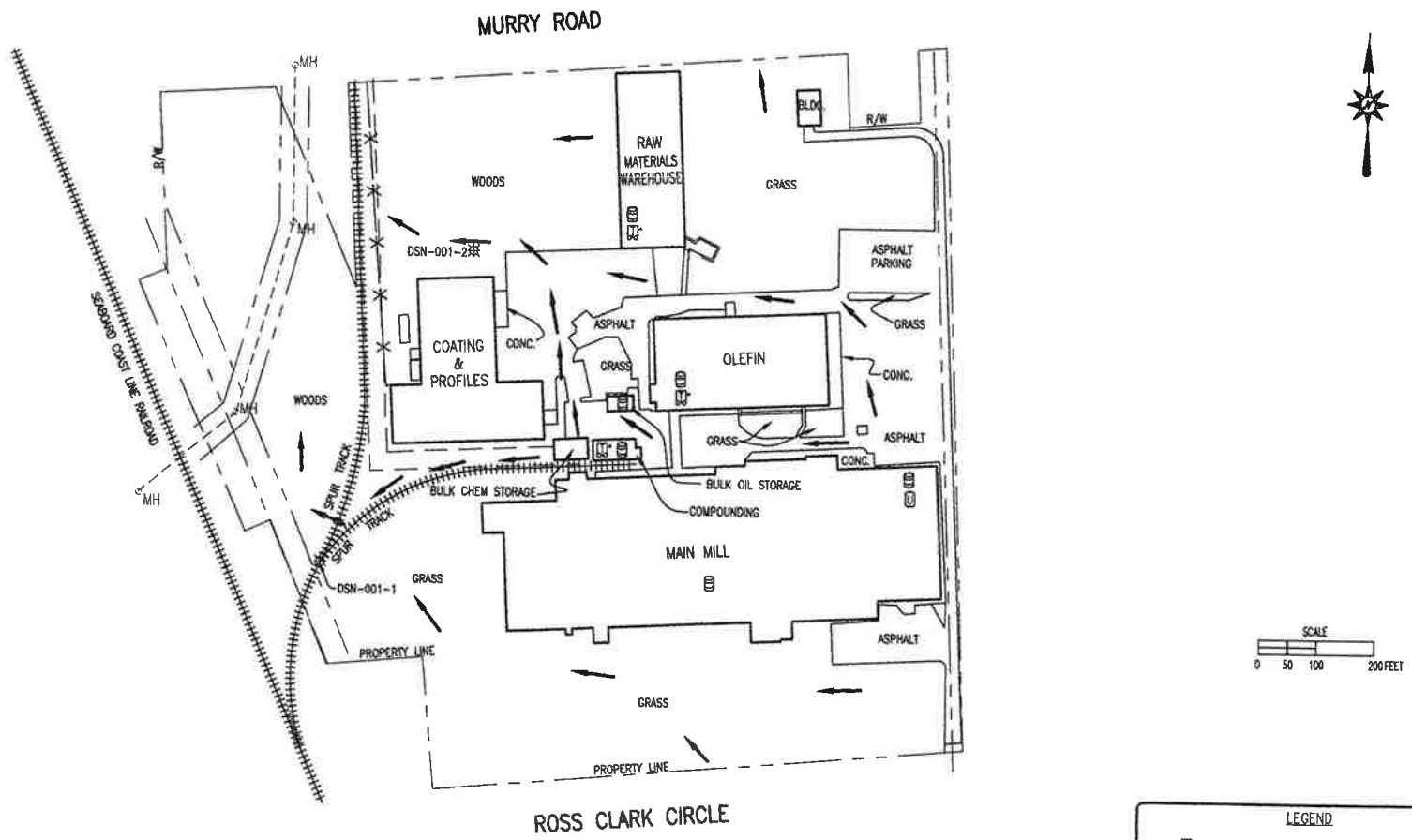

LEGEND

- OIL TOTE TANK
- OIL STORAGE DRUMS
- USED OIL TANK
- STORMWATER FLOW DIRECTION
- SAMPLE LOCATION

Advanced Environmental Technologies LLC.

TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE NW
DOTHAN, ALABAMA
HOUSTON COUNTY

OIL STORAGE LOCATION & SITE DRAINAGE FLOW MAP

FIGURE 3
PROJECT NO. 23076.00

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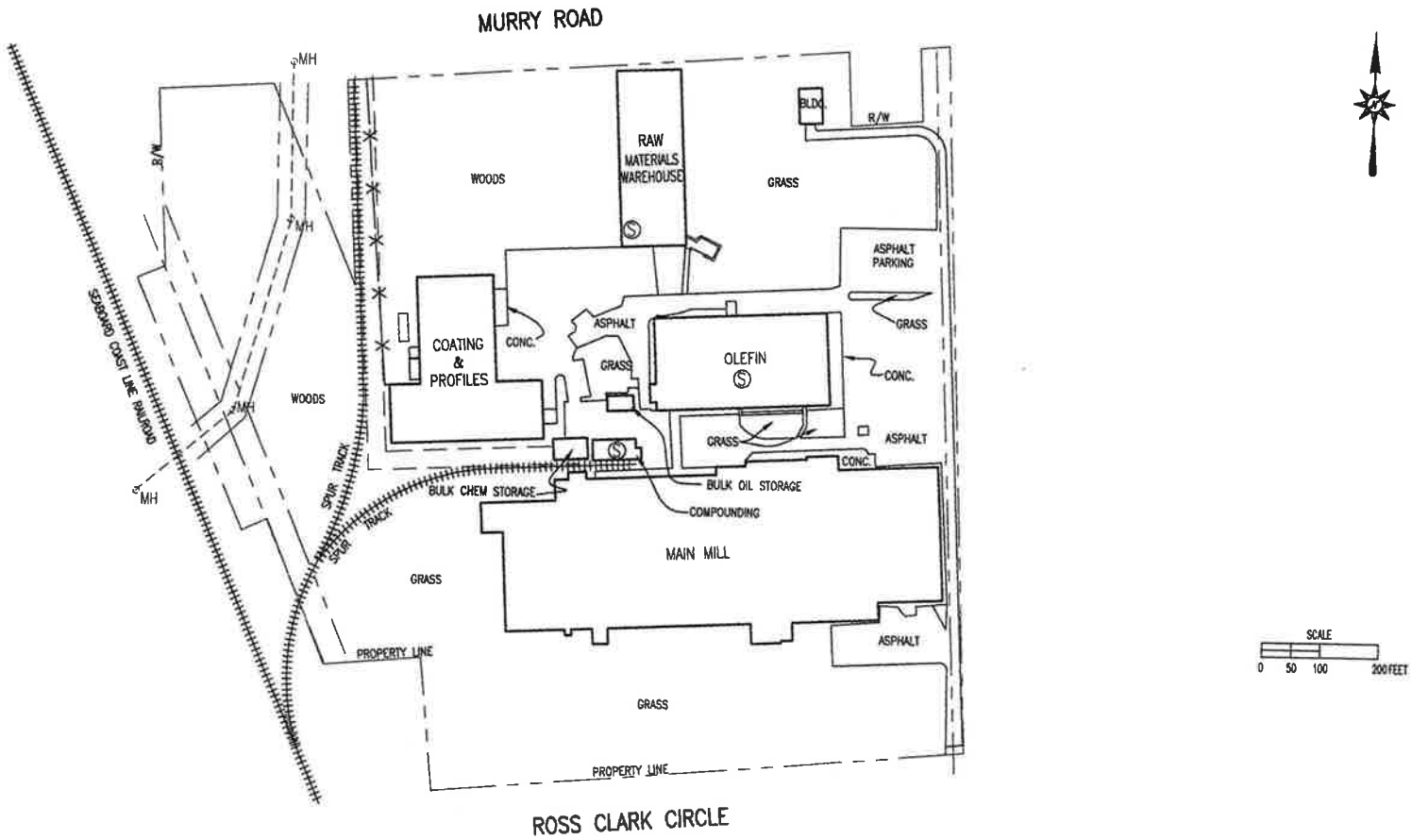

LEGEND

Ⓢ SPILL CLEANUP MATERIAL LOCATION

Advanced Environmental Technologies LLC.

TWITCHELL CORPORATION
4031 ROSS CLARK CIRCLE NW
DOTHAN, ALABAMA
HOUSTON COUNTY

SPILL RESPONSE EQUIPMENT LOCATIONS

FIGURE 4

PROJECT NO. 23076.00

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ADEM
Alabama Department of Environmental Management

STATE INDIRECT DISCHARGE PERMIT

PERMITTEE:	TWITCHELL CORPORATION
FACILITY LOCATION:	4031 ROSS CLARK CIRCLE NW DOTHAN, AL 36304
PERMIT NUMBER:	IU 32 35 00012
POTW LOCATION:	DOTHAN LITTLE CHOCTAWHATCHEE WWTP (AL0047465)
SOURCE OF DISCHARGE:	INDUSTRIAL WASTES RESULTING FROM TEXTILE MANUFACTURING

In accordance with and subject to the provisions of Alabama Water Pollution Control Act, as amended, ***Code of Alabama 1975****, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975****, §§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the discharge limitations, monitoring requirements and other terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge industrial wastes from the above-described source to waters of the State through the above-named publicly owned treatment works ("POTW").*

ISSUANCE DATE:	JULY 28, 2010
EFFECTIVE DATE:	AUGUST 1, 2010
EXPIRATION DATE:	JULY 31, 2015
MODIFICATION DATE:	OCTOBER 29, 2010

GLENNA L. DEAN
Alabama Department of Environmental Management

STATE INDIRECT DISCHARGE (SID) PERMIT

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PART I

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to introduce industrial wastes into the POTW from the following outfall(s):

DSN001S: Process wastewaters associated with textile manufacturing operations. 4/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS 1/ 2	
		Daily Minimum	Daily Maximum	Monthly Average 2/	Measurement Frequency	Sample Type
Flow	MGD	-	Monitor	0.120	Daily	Totalized
pH	s.u.	5.0	10.0	-	1/week	Grab
Biochemical Oxygen Demand 5-Day	mg/l	-	Monitor	-	1/month	Composite
Chemical Oxygen Demand	mg/l	-	Monitor	-	1/month	Composite
Total Suspended Solids	mg/l	-	Monitor	-	1/month	Composite
Oil and Grease	mg/l	-	Monitor	-	1/month	Grab
Color @ pH 7.6	ADMI Color Units	-	Monitor	-	1/6 months	Grab
Acenaphthene	ppd	-	0.0333	0.0135	1/6 months	Grab
Anthracene	ppd	-	0.0333	0.0135	1/6 months	Grab
Benzene	ppd	-	0.0950	0.0404	1/6 months	Grab
Bis(2-ethylhexyl) phthalate	ppd	-	0.1829	0.0673	1/6 months	Grab
Carbon Tetrachloride	ppd	-	0.2694	0.1007	1/6 months	Grab
Chlorobenzene	ppd	-	0.2694	0.1007	1/6 months	Grab
Chloroethane	ppd	-	0.2091	0.0780	1/6 months	Grab
Chloroform	ppd	-	0.2304	0.0787	1/6 months	Grab
Di-n-butyl phthalate	ppd	-	0.0305	0.0142	1/6 months	Grab
1,2-Dichlorobenzene	ppd	-	0.5629	0.1389	1/6 months	Grab
1,3-Dichlorobenzene	ppd	-	0.2694	0.1007	1/6 months	Grab
1,4-Dichlorobenzene	ppd	-	0.2694	0.1007	1/6 months	Grab
1,1-Dichloroethane	ppd	-	0.0418	0.0156	1/6 months	Grab
1,2-Dichloroethane	ppd	-	0.4069	0.1276	1/6 months	Grab
1,1-Dichhloroethylene	ppd	-	0.0425	0.0156	1/6 months	Grab

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ For the purpose of demonstration of compliance with this parameter, "Total" and "Total Recoverable" shall be considered equivalent.

4/ See Baseline Monitoring Report requirements under I.H.1.a.

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to introduce industrial wastes into the POTW from the following outfall(s):

DSN001S cont'd.: Process wastewater associated with the textile manufacturing operations. 4/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Monthly Average 2/	Measurement Frequency	Sample Type
1,2-trans-Dichloroethylene	ppd	-	0.0468	0.0177	1/6 months	Grab
1,2-Dichloropropane	ppd	-	0.5629	0.1389	1/6 months	Grab
1,3-Dichloropropylene	ppd	-	0.5629	0.1389	1/6 months	Grab
Diethyl phthalate	ppd	-	0.0801	0.0326	1/6 months	Grab
Dimethyl phthalate	ppd	-	0.0333	0.0135	1/6 months	Grab
4,6-Dinitro-o-cresol	ppd	-	0.1964	0.0553	1/6 months	Grab
Ethylbenzene	ppd	-	0.2694	0.1007	1/6 months	Grab
Fluoranthene	ppd	-	0.0383	0.0156	1/6 months	Grab
Fluorene	ppd	-	0.0333	0.0135	1/6 months	Grab
Hexachlorobenzene	ppd	-	0.0018	0.0009	1/6 months	Grab
Hexachlorobutadiene	ppd	-	0.2694	0.1007	1/6 months	Grab
Hexachloroethane	ppd	-	0.5629	0.1389	1/6 months	Grab
Methyl Chloride	ppd	-	0.2091	0.0780	1/6 months	Grab
Methylene Chloride	ppd	-	0.1205	0.0255	1/6 months	Grab
Naphthalene	ppd	-	0.0333	0.0135	1/6 months	Grab
Nitrobenzene	ppd	-	4.5384	1.5858	1/6 months	Grab
2-Nitrophenol	ppd	-	0.1638	0.0461	1/6 months	Grab
4-Nitrophenol	ppd	-	0.4083	0.1148	1/6 months	Grab
Phenanthrene	ppd	-	0.0333	0.0135	1/6 months	Grab
Pyrene	ppd	-	0.0340	0.0142	1/6 months	Grab

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ For the purpose of demonstration of compliance with this parameter, "Total" and "Total Recoverable" shall be considered equivalent.

4/ See Baseline Monitoring Report requirements under I.H.1.a.

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to introduce industrial wastes into the POTW from the following outfall(s):

DSN001S cont'd: Process wastewater associated with the textile manufacturing operations. 4/

Such discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	UNITS	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS 1/	
		Daily Minimum	Daily Maximum	Monthly Average 2/	Measurement Frequency	Sample Type
Tetrachloroethylene	ppd	-	0.1163	0.0369	1/6 months	Grab
Toluene	ppd	-	0.0525	0.0198	1/6 months	Grab
Total Cyanide	ppd	-	0.8507	0.2977	1/6 months	Grab
Total Lead 3/	ppd	-	0.4891	0.2268	1/6 months	Grab
Total Zinc 3/	ppd	-	1.8502	0.7443	1/6 months	Grab
1,2,4-Trichlorobenzene	ppd	-	0.5629	0.1389	1/6 months	Grab
1,1,1-Trichloroethane	ppd	-	0.0418	0.0156	1/6 months	Grab
1,1,2-Trichloroethane	ppd	-	0.0900	0.0227	1/6 months	Grab
Trichloroethylene	ppd	-	0.0489	0.0184	1/6 months	Grab
Vinyl Chloride	ppd	-	0.1219	0.0688	1/6 months	Grab

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ For the purpose of demonstration of compliance with this parameter, "Total" and "Total Recoverable" shall be considered equivalent.

4/ See Baseline Monitoring Report requirements under I.H.1.a.

B. DISCHARGE AND MONITORING LOCATIONS

All wastewater discharged under this permit shall be discharged to the POTW at the location(s) described below and all monitoring and sampling required by this permit shall be performed at the location(s) described below.

Discharge:	DSN001S
Location of Monitoring Point:	Last aboveground manhole below lower parking lot (outside Compounding building).
Location of Discharge Point:	On north side of property between warehouse and profiles building.

C. GENERAL PRETREATMENT STANDARDS AND PROHIBITIONS

1. The permittee shall not discharge or, in any manner, introduce into the publically owned treatment works any pollutant(s) which, alone or in conjunction with a discharge or discharges from other sources, causes pass through or interference or in any other manner adversely impacts the operation or performance of the treatment works, to include the method of sludge disposal in use by the publically owned treatment works.

2. The permittee shall not discharge or, in any manner, introduce any of the following pollutants into the publically owned treatment works:

   a. Pollutants which may create a fire or explosive hazard, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21;

   b. Pollutants which may cause corrosive structural damage to the treatment works, but in no case discharges with a pH lower than 5.0;

   c. Solid or viscous pollutants in amounts which may cause obstruction to the flow in sewers, or other interference in the treatment works;

   d. Any pollutant, including oxygen demanding pollutants (BOD, etc.) of such volume or strength as to cause interference in the treatment works;

   e. Heat in amounts which may inhibit biological activity in the treatment plant resulting in interference but in no case in such quantities that the temperature of the influent, at the treatment plant, exceeds 40 degrees centigrade or 104 degrees Fahrenheit;

   f. Pollutants which may result in the presence of toxic gases, vapors, or fumes within the treatment works in a quantity that may cause acute worker health and safety problems;

   g. Unless specifically authorized by this permit, any pollutants not generated at the facility for which this permit was issued; or

   h. Petroleum oil, biodegradable cutting oil, or products of mineral oil origin in amounts that will cause pass through or interference.

3. The permittee shall not discharge or introduce any pollutant into the POTW at any location other than at a discharge point described and authorized by this permit.

4. Groundwater

   This permit does not authorize any discharge to groundwater. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem and the Director may require that the permittee undertake measures to abate any such discharge and/or contamination.

5. Discharge of Wastewater Generated by Others

   The discharge of wastewater, generated by any process, facility, or by any other means not under the operational control of the permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit.

D. CATEGORICAL PRETREATMENT STANDARDS

1. Regardless of whether the requirements of a categorical pretreatment standard promulgated as a federal regulation by EPA are included in the requirements of this permit, the permittee shall attain compliance with the standard no later than three years after its promulgation or no later than the date required by the standard.

2. If a categorical pretreatment standard applicable to any part of the discharge authorized by this permit has been or is in the future promulgated by EPA, the permittee shall submit to the Department a baseline report within 180 days after the effective date of the categorical standard. The report shall be prepared and shall contain the information required by 40 CFR Section 403.12.

3. If a categorical pretreatment standard applicable to any part of the discharge authorized by this permit has been or is in the future promulgated by EPA, the permittee shall submit to the Department a compliance report within 90 days after the final compliance date of the categorical standard. The report shall be prepared in accordance with 40 CFR Section 403.12 and shall contain the information required by this Act.

E. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit.

2. Test Procedures

Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a detection limit lower than the permit limit shall be used. If the detection limit of all methods is higher than the permit limit the method having the lowest detection limit shall be used and a report of less than detection limit shall constitute compliance, however should EPA approve a method with a lower detection limit during the term of this permit the permittee shall use the newly approved method.

When an EPA approved test procedure for analysis of a pollutant does not exist, the Director or his designee shall approve the procedure to be used.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The facility name and location, point source number, date, time and exact place of sampling;

b. The name(s) of person(s) who obtained the samples or measurements;

c. The dates and times the analyses were performed;

d. The name(s) of the person(s) who performed the analyses;

e. The analytical techniques or methods used, including source of method and method number; and

f. The results of all required analyses.

Such records shall be maintained whether the permittee or his contractor performs the sampling and/or analyses.

4. Records Retention and Production

a. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports and the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records should not be submitted unless requested.

b. All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.

5. Reduction, Suspension, or Termination of Monitoring and/or Reporting

a. The Director may, with respect to any point source identified in Provision I. A. of this permit, authorize the permittee to reduce, suspend or terminate the monitoring and/or reporting required by this permit upon the submission of a written request for such reduction, suspension or termination by the permittee, supported by sufficient data which demonstrates to the satisfaction of the Director that the discharge from such point source will continuously meet the discharge limitations specified in Provision I. A. of this permit.

b. It remains the responsibility of the permittee to comply with the monitoring and reporting requirements of this permit until written authorization to reduce, suspend or terminate such monitoring and/or reporting is received by the permittee from the Director.

6. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. The permittee shall develop and maintain quality assurance procedures to ensure proper operation and maintenance of all equipment and instrumentation. The quality assurance procedures shall include the proper use, maintenance, and installation, when appropriate, of monitoring equipment at the plant site.

F. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

a. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.

QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter thereafter. Quarterly monitoring may be done anytime during the quarter, unless restricted elsewhere in this permit, but it should be submitted with the last DMR due for the quarter, i.e., (March, June, September and December DMR's).

SEMIANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be submitted with the last DMR for the month of the semiannual period, i.e. (June and December DMR's).

ANNUAL MONITORING shall be conducted at least once during the period of January through December. The permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter. Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be submitted with the December DMR.

b. The permittee shall submit discharge monitoring reports (DMRs) on the forms provided by the Department and in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING shall be submitted on a **monthly** basis. The first report is due on the **28th day of September, 2010.** The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF QUARTERLY TESTING shall be submitted on a quarterly basis. The first report is due on the 28th day of [Month, Year]. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF SEMIANNUAL TESTING shall be submitted on a **semiannual basis**. The reports are due on the 28th day of **JANUARY** and the **28th day of JULY**. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

c. The DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit. If the permittee, using approved analytical methods as specified in Provision I. E. 2. monitors any discharge from a point source for a limited substance identified in Provision I. A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR Form and the increased frequency shall be indicated on the DMR Form. In the event no discharge from a point source identified in Provision I. A of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR Form.

d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be signed by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-5-.14 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-5-.14 and shall bear the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

e. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be addressed to:

Alabama Department of Environmental Management
Industrial Section, Water Division
Post Office Box 301463
Montgomery, Alabama 36130

f. If this permit is a re-issuance, then the permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.F.1.b. above.

2. Noncompliance Re-sampling and Notification

a. If for any reason, (1) the permittee's discharge causes interference or pass through at the POTW or (2) an unpermitted direct or indirect discharge of pollutants occurs as a result of the permittee's actions or from the permittee's property or facility the permittee shall orally report the occurrence and circumstances of such discharge to the Director within 24-hours after the permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the permittee shall submit to the Director a written report as provided in c. below, no later than five (5) days after becoming aware of the occurrence of such discharge (unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision).

b. If for any reason, the permittee's discharge does not comply with any limitation of this permit, the permittee shall submit to the Director a written report as provided in c. below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Provision I. F. 1. of this permit after becoming aware of the occurrence of such noncompliance.

c. Any written report required to be submitted to the Director by Provision I. F. shall be submitted using a copy of the Noncompliance Notification Form provided with this permit and shall include the following information:

(1) A description of the discharge and cause of noncompliance;

(2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated period of time that the noncompliance is expected to continue; and

(3) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

d. Within 30 days after becoming aware of the exceedance of a permit limit for any parameter, the permittee shall resample and test for this parameter and shall submit the results of the testing to the Department with the next discharge monitoring report submittal. If this permit requires the monitoring of the parameter more often then once every 30 days this requirement is satisfied and additional sampling is not required.

3. Hazardous Waste Discharge Notification

a. The permittee shall notify the publically owned treatment works, the Department, and the Director of the EPA Region IV Waste Management Division of any discharge under this permit of a substance which is a listed or characteristic waste under Section 3001 of RCRA.

b. The notification shall include a description of the hazardous waste(s) discharged, specifying the volume and concentration of the waste(s) and the type of discharge (continuous, batch, or other), identifying the hazardous constituents contained in the listed waste(s) and estimating the volume of hazardous waste(s) expected to be discharged during the following twelve months. The notification shall be made within 30 days after the effective date of this permit or within 30 days of the first discharge of the hazardous waste(s).

c. The permittee shall be exempt from these reporting requirements during a calendar month in which no more than 100 kilograms of a hazardous waste are discharged, unless the waste is an acute hazardous waste as specified in 40 CFR 261.5(e), (f), (g) and (j). Discharge of more than 100 kilograms of a hazardous waste in any given month requires a one-time notification. Subsequent months during which the industrial user discharges more than 100 kilograms of a hazardous waste do not require additional notification, except for an acute hazardous waste.

d. In the case of new regulations under Section 3001 of RCRA identifying additional characteristics of hazardous wastes or listing any additional hazardous waste, the permittee shall make notification as required in Provision I. F. 3. a. and b. of the discharge of such substance within 90 days of the effective date of such regulations.

e. In the case of any notification, the permittee shall certify that it has a program in place to reduce the volume and toxicity of the wastes to the degree it has determined to be economically practicable and that it has selected the method of treatment, storage, or disposal currently available which minimizes the present and future threat to human health and the environment.

4. Slug Discharges

The permittee shall notify the publically owned treatment works and the Department of any slug type discharge that may cause pass through or interference with the treatment works. Such notification shall be made to the treatment works immediately after the permittee becomes aware of the event and to the Department during the first normal business day after becoming aware of the event. The permittee shall coordinate with the operator of the treatment works and shall develop a notification procedure that is acceptable to the operator. The permittee may be required to establish a formal slug load control program if such is determined by the Director or his designee to be required to prevent pass through or interference.

G. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Submittals To Publically Owned Treatment Works

The Department may require the permittee at any time to submit copies of any or all reports, notifications, applications, or other documents, that are submitted by the permittee to the Department, to the publically owned treatment works receiving the discharge(s) authorized by this permit. Upon notification by the Department, the permittee shall submit copies of the required documents to the publically owned treatment works no later than the required date of submittal to the Department.

2. Anticipated Noncompliance

The permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

3. Termination of Discharge

The permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of this permit.

4. Updating Information

a. The permittee shall inform the Director of any change in the permittee's mailing address or telephone number or in the permittee's designation of a facility contact or office(s) having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the permittee shall furnish the Director with an update of any information provided in the permit application.

b. If the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

5. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, suspending, or revoking this permit, in whole or in part, or to determine compliance with this permit.

6. Cooling Water and Boiler Water Additives

a. The permittee shall notify the Director in writing not later than sixty (60) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system, not identified in the application for this permit, from which discharge is allowed by this permit. Notification is not required for additives that do not contain a heavy metal(s) as an active ingredient and that pass through a wastewater treatment system prior to discharge nor is notification required for additives that should not reasonably be expected to cause the cooling water or boiler water to exhibit toxicity as determined by analysis of manufacturer's data or testing by the permittee. Such notification shall include:

(1) Name and general composition of biocide or chemical,
(2) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach,
(3) Quantities to be used,
(4) Frequencies of use,
(5) Proposed discharge concentrations, and
(6) EPA registration number, if applicable.

b. The use of a biocide or additive containing tributyl tin, tributyl tin oxide, zinc, chromium or related compounds in a cooling or boiler system(s), from which a discharge regulated by this permit occurs, is prohibited. Zinc and chromium may be used in special circumstances if the permit contains limits for these substances. The use of any additive, not identified in this permit or in the application for this permit or not exempted from notification under this permit is prohibited, prior to a determination by the Department that permit modification to control discharge of the additive is not required or prior to issuance of a permit modification controlling discharge of the additive.

H. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

a. The permittee shall submit to the Department a Baseline Monitoring Report within 180 days after the effective date of this permit. The report shall be prepared and shall contain the information required by 40 CFR Section 403.12.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II

A. OPERATIONAL AND MANAGEMENT REQUIREMENTS

1. Facilities Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

2. Best Management Practices

a. Except where expressly authorized to do so by an applicable categorical pretreatment standard, the permittee shall not increase the use of process water or, in any other way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a categorical pretreatment standard or any requirement of this permit.

b. The permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 CFR Part 112 if required thereby.

c. The permittee shall prepare, submit for approval and implement a Best Management Practices (BMP) Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.

3. Spill Prevention, Control and Management

The permittee shall provide spill prevention, control, and/or management sufficient to prevent any spills of stored pollutants from entering a water of the state or a publicly or privately owned treatment works. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) stored and which shall prevent the contamination of groundwater and such containment system shall be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided.

B. OTHER RESPONSIBILITIES

1. Right of Entry and Inspection

The permittee shall allow the Director, or an authorized representative, upon the presentation of proper identification to:

a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

2. Duty to Mitigate Adverse Impacts

The permittee shall promptly take all reasonable steps to mitigate and minimize any adverse impact to waters resulting from noncompliance with any discharge limitation specified in Provision I. A. of this permit, including such accelerated or additional monitoring of the discharge, influent and effluent at the publically owned treatment works, and/or the waterbody receiving the publically owned treatment works, discharge as necessary to determine the nature and impact of the noncomplying discharge.

C. BYPASS AND UPSET

1. Bypass

a. Any bypass is prohibited except as provided in b. and c. below:

b. A bypass is not prohibited if:

(1) It does not cause any discharge limitation specified in Provision I., A. of this permit to be exceeded; and

(2) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.

c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I., A. of this permit if:

(1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime; and

(3) The permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the permittee is granted such authorization, and the permittee complies with any conditions imposed by the Director to minimize any adverse impact to waters resulting from the bypass.

d. The permittee has the burden of establishing that each of the conditions of Provisions II. C. 1 b. or c. have been met to qualify for an exception to the general prohibition against bypassing contained in Provision II. C. 1 a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

2. Upset

a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A., of this permit if:

(1) No later than 24-hours after becoming aware of the occurrence of the upset, the permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and

(2) No later than five (5) days after becoming aware of the occurrence of the upset, the permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that (i) an upset occurred; (ii) the permittee can identify the specific cause(s) of the upset; (iii) the permittee's facility was being properly operated at the time of the upset; and (iv) the permittee promptly took all reasonable steps to minimize any adverse impact to waters resulting from the upset.

b. The permittee has the burden of establishing that each of the conditions of Provision II C. 2. a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I. A. of this permit.

D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

a. The permittee must comply with all conditions of the permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and reissuance, suspension, modification; or denial of a permit renewal application.

b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a permittee in an enforcement action.

c. The discharge of wastewater to the publically owned treatment works from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.

d. The permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of the permit or to minimize or prevent any adverse impact of any permit violation.

2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facility, including but not limited to the loss or failure of the primary source of power of the treatment facility, the permittee shall, where necessary to maintain compliance with the discharge limitations specified in

Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored.

4. Compliance with Statutes and Rules

a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-5. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, Post Office Box 301463, Montgomery, AL 36130-1463.

b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE

1. Duty to Reapply or Notify of Intent to Cease Discharge

a. If the permittee intends to continue to discharge beyond the expiration date of this permit, the permittee shall file a complete permit application for reissuance of this permit at least 180 days prior to its expiration. If the permittee does not intend to continue discharge beyond the expiration of this permit, the permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-5-.14.

b. Failure of the permittee to apply for reissuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-5-.11 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.

2. Change in Discharge

The permittee shall apply for a permit modification at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant such that existing permit limitations would be exceeded or that could result in an additional discharge point. This requirement applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.

3. Transfer of Permit

This permit may not be transferred or the name of the permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit. In the case of a change in name, ownership or control of the permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Permit Modification and Revocation

a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:

(1) If cause for termination under Provision II E.4.a.(1) of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit;

(2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or

(3) If modification or revocation and reissuance is requested by the permittee, the Director may grant the request.

b. This permit may be modified during its term for cause, including but not limited to, the following:

(1) If cause for termination under Provision II E. 5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit;

(2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;

(3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;

(4) A new or revised categorical pretreatment standard applicable to the discharge(s) authorized by this permit is promulgated;

(5) Errors in calculation of discharge limitations or typographical or clerical errors were made;

(6) When the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;

(7) To the extent allowed by ADEM Administrative Code, Rule 335-6-5-.18, permits may be modified to change compliance schedules;

(8) When required by the reopener conditions in this permit;

(9) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions;

(10) When requested by the permittee and when the Director determines that the modification will not result in a violation of federal or state law, regulations or rules; or

(11) When more stringent or additional permit requirements are required to prevent pass through or interference.

5. This permit may be terminated during its term for cause, including but not limited to, the following:

a. Violation of any term or condition of this permit;

b. The permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the permittee's misrepresentation of any relevant facts at any time;

c. Materially false or inaccurate statements or information in the permit application or the permit;

d. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

e. The permittee's discharge causes pass through or interference or threatens human health or welfare or the maintenance of water quality standards;

f. Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;

g. The Director determines that the permittee cannot comply with new or revised requirements of any applicable standard or limitation; or

h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-5.

6. This permit may be suspended during its term for cause, including but not limited to, the reasons for termination listed in Provision I E. 5. of this permit.

7. The filing of a request by the permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

PART III

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

3. Permit Enforcement

a. This permit is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of this permit are enforceable under state and federal law. The necessity to halt or reduce production or other activities in order to comply with this permit shall not be a defense for the permittee in an enforcement action.

b. Any person required to have a SID permit pursuant to ADEM Administrative Code Chapter 335-6-5 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable statutes.

(1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;

(2) An action for damages;

(3) An action for injunctive relief; or

(4) An action for penalties.

4. Relief From Liability

Except as provided in Provision II. C. 1. (Bypass) and Provision II. C. 2. (Upset), nothing in this permit shall be construed to relieve the permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion or other private rights, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES

1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.

2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.

3. Construction has begun when the owner or operator has:

   a. Begun, or caused to begin as part of a continuous on-site construction program:

      (1) Any placement, assembly, or installation of facilities or equipment; or

      (2) Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or

   b. Entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment, which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under the paragraph. The entering into a lease with the State of Alabama for exploration and production of hydrocarbons shall also be considered beginning construction.

F. DEFINITIONS

1. Average monthly discharge limitation - means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

2. Average weekly discharge limitation - means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

3. AWPCA - means the Alabama Water Pollution Control Act.

4. Bypass - means the intentional diversion of waste streams from any portion of a treatment facility.

5. Categorical pretreatment standard - means any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) of the FWPCA, which applies to industrial users.

6. Daily discharge - means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.

7. Daily maximum - means the highest value of any individual sample result obtained during a day.

8. Daily minimum - means the lowest value of any individual sample result obtained during a day.

9. Day - means any consecutive 24-hour period.

10. Department - means the Alabama Department of Environmental Management.

11. Director - means the Director of the Department.

12. Discharge - means the introduction of any sewage, industrial waste, pollutant, or other waste into a publically owned treatment works.

13. Discharge monitoring report (DMR) - means the form approved by the Director to accomplish the reporting requirements of a SID permit.

14. EPA - means the United States Environmental Protection Agency.

15. FWPCA - means the Federal Water Pollution Control Act.

16. Indirect discharger or industrial user - means a nondomestic discharger who discharges pollutants to a publicly or privately owned treatment works.

17. Permit application - means forms and additional information that is required by ADEM Administrative Code Rule 335-6-5-.13 and applicable permit fees.

18. Point source - means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).

19. Pollutant - includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.

20. Publicly owned treatment works (POTW) - means a treatment works as defined by Section 212 of the FWPCA, which is owned by the state, a municipality, a regional entity composed of two or more municipalities, or another entity created by state or local authority for the purpose of collecting and treating municipal wastewater. This definition does not include pipes, sewers or other conveyances not connected to a facility providing treatment. The term also means the municipality as defined in Section 502(4) of the FWPCA, which has jurisdiction over the "indirect discharges" to and the discharges from such a treatment works.

21. RCRA - means the Federal Resource Conservation and Recovery Act.

22. Severe property damage - means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

23. State indirect discharge permit or SID permit - means a permit issued to an industrial user.

24. Upset - means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate facilities, lack of preventive maintenance, or careless or improper operation.

25. Waters - means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the State, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.

26. Week - means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.

G. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

11/12/90

The remaining storage tank (5000 gal fuel oil tank) was opened up on 11/8/90 and found to contain a very SMALL AMMOUNT of Diesel Fuel. This residue was pumped out on 11/8/90 by Roto-Rooter and the tank was filled with sand on 11/9/90 by Couch Concrete Inc. The tank was then reclosed and sealed in with Concrete.

Tim Silvone
11/12/90

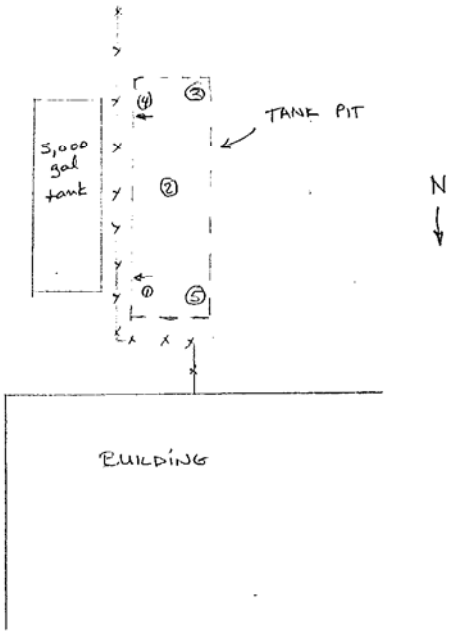
Witnessed by:

42-182 100 SHEETS
Made in U.S.A.
NATIONAL

10-9-89

10,000 gallon storage tank by parts cage area floated to the top of the ground on October 1, 1989 during heavy rains. The tank was subsequently moved on October 4, 1989 by Holland Crane Service. Soil samples were taken from the excavation pit after the tank was removed. Samples were taken from the base of the pit where Petroleum products should be present if any leaking had ocurred.

NOTE: #4 & #1 sample taken from pit base with pipe driven towards OTHER TANK.



Samples were taken by Tim Gilmore, Plant Engineer and delivered to Lynn Buntin of Poly environmental for a SOIL TEST FOR PETROLEUM HYDROCARBON CONTENT.

42-182 100 SHEETS
NATIONAL Made in U.S.A.

APPENDIX B

SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION DIAGRAMS

LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-16-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-16-2015	Northing Coord. (m)	: 3459068.09
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652303.74
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-1
TOC Elevation: 322.44

Depth in Feet	Surf. Elev. 322.59	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	322.59	SM		SILTY SAND, Organic Silt, very fine grained, Soft, Dark Brown, Dry	TW-1(1')	0.0
		CL		SANDY CLAY, tan, fine to medium grained, moist, medium dense, low plasticity		0.0
						0.0
5	317.59					0.0
		SC		CLAYEY SAND, tan, fine to medium grained, moist, dense		0.0
		ML		SANDY CLAYEY SILT, red, white, very fine grained, dry, dense		0.0
						0.0
10	312.59					0.0
						0.0
						0.0
						0.0
15	307.59	CL		SANDY CLAY, white, very fine grained, dry, dense, medium plasticity	TW-1(15')	0.0
						0.0

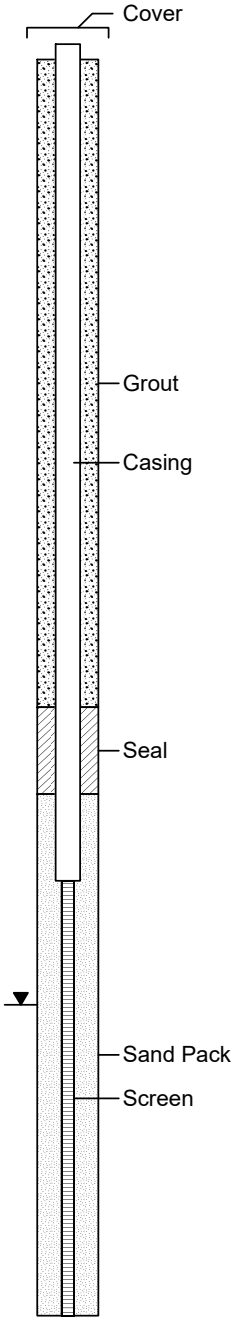
End soil collection, refusal.

Mud tailings from hollow stem augers indicate soils are white SANDY CLAY with moisture increasing with depth

20 — 302.59

25 — 297.59

30



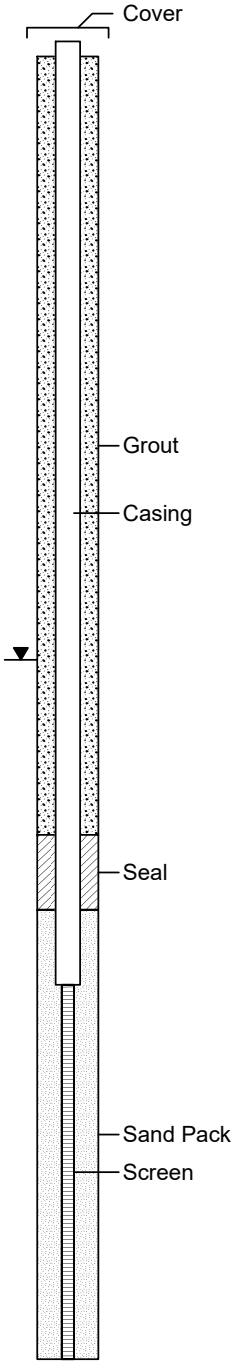
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-16-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-16-2015	Northing Coord. (m)	: 3459032.04
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652230.74
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-2
TOC Elevation: 318.33

Depth in Feet	Surf. Elev. 318.43	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	318.43	ML		SANDY SILT, organic silt, very fine grained, soft, dark brown, dry, increased clay with depth, tan at 4'	TW-2(1')	5.4 2.9 0.0
5	313.43	CL		SILTY SANDY CLAY, tan, fine to medium grained, moist, soft, medium plasticity		0.0 0.0
		ML		SANDY SILT, brown, fine grained, dry, dense, slight plasticity		0.0 0.0
10	308.43	CL		SANDY CLAYEY SILT, red, white, tan, fine to medium grained, dry, dense		0.0 0.0 0.0 0.0
15	303.43				TW-2(15')	0.0
				End soil collection, refusal. Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY with moisture increasing with depth		
20	298.43					
25	293.43					
30	288.43					
35						



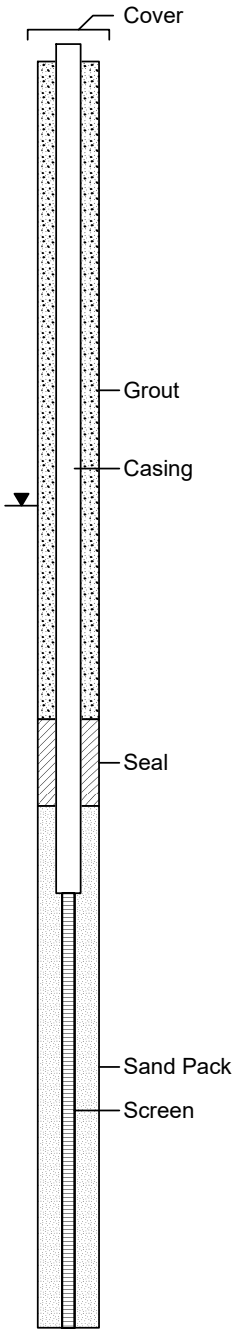
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-18-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-18-2015	Northing Coord. (m)	: 3458992.50
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652202.55
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-3
TOC Elevation: 321.64

Depth in Feet	Surf. Elev. 321.74	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	321.74	OL		ORGANIC SILT and SAND, fine grained, soft, moist, dark brown		0.0
					MW-3(0'-4')	0.0
					Dup-2	0.0
		CL		SILTY SANDY CLAY, red, fine to medium grained, dense, medium plasticity, moist		
5	316.74					0.0
						0.0
		CL		SANDY CLAY, brown, fine grained, wet, medium plasticity, dense		0.0
		SC		SANDY CLAY, medium plasticity, soft, fine grained, wet, brown		
		ML		CLAYEY SANDY SILT, red, fine grained, medium dense, moist, low plasticity		0.0
10	311.74				MW-3(8')	0.0
						0.0
				End soil collection, refusal.		
				Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY with moisture increasing with depth		
15	306.74					
20	301.74					
25	296.74					
30						



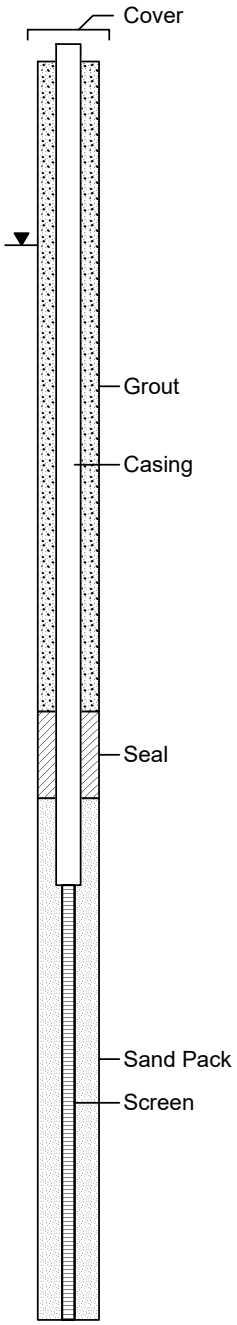
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-17-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-17-2015	Northing Coord. (m)	: 3458938.53
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652106.80
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-4
TOC Elevation: 313.08

Depth in Feet	Surf. Elev. 313.18	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	313.18	OL		ORGANIC SILT and SAND, fine grained, medium dense, dry, dark brown		0.0
		CL		SILTY SANDY CLAY, red, fine to medium grained, dense, medium plasticity, moist, well sorted	MW-4(1')	0.0
						0.0
5	308.18	ML		SANDY CLAYEY SILT, red, fine grained, moist, no plasticity, dense		0.0
						0.0
						0.0
10	303.18	CL		SILTY SANDY CLAY, white, red, fine to medium grained, moist, low plasticity, well sorted		0.0
						0.0
					MW-4(12')	0.0
15	298.18			End soil collection, refusal. Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY with moisture increasing with depth		
20	293.18					
25	288.18					
30						



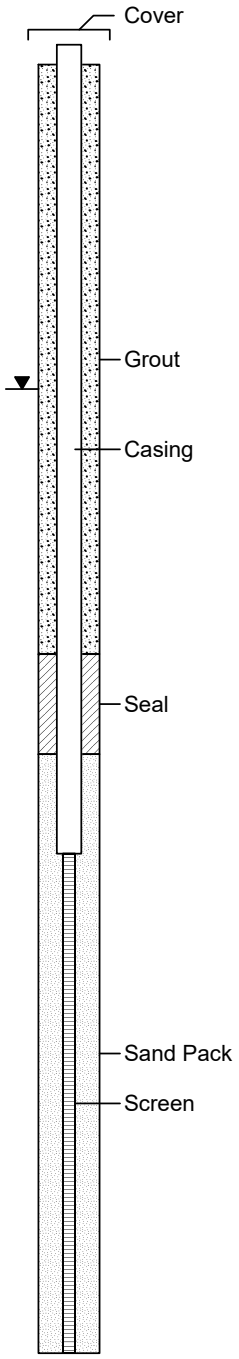
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-17-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-17-2015	Northing Coord. (m)	: 3458886.62
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652157.25
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-5
TOC Elevation: 324.71

Depth in Feet	Surf. Elev. 324.81	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	324.81	OL		ORGANIC SILT and SAND, fine grained, soft, moist, dark brown	MW-5(1')	0.0
						0.0
						0.0
		ML		SANDY SILT, red, fine grained, moist, slight plasticitymedium dense		
5	319.81					0.0
						0.0
						0.0
						0.0
10	314.81	SM		SILTY SAND, red, fine to medium grained, wet, medium dense		0.0
						0.0
						0.0
						0.0
						0.0
15	309.81				MW-5(15')	0.0
				End soil collection, refusal.		
				Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY with moisture increasing with depth		
20	304.81					
25						



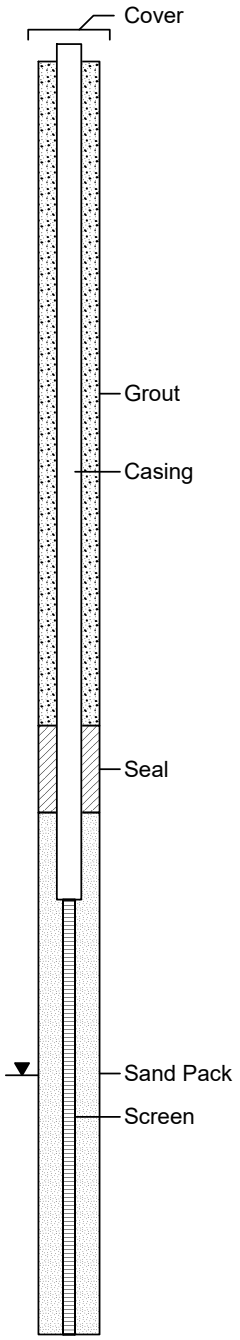
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-17-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-17-2015	Northing Coord. (m)	: 3458881.25
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652264.36
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-6
TOC Elevation: 327.97

Depth in Feet	Surf. Elev. 328.07	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	328.07	OL		ORGANIC SILT and SAND, fine grained, soft, wet, dark brown	MW-6(1')	0.0
		ML		CLAYEY SANDY SILT, white and tan, fine to medium grained, moist, well sorted, dense, slight plasticity		0.0
						0.0
5	323.07	SC		CLAYEY SAND, tan, fine to medium grained, moist, dense, slight plasticity, well sorted, white and red and pink, less dense around 12'		0.0
						0.0
						0.0
						0.0
10	318.07					0.0
					MW-6(12')	0.0
					Dup-1	0.0
				End soil collection, refusal.		
				Mud tailings from hollow stem augers indicate soils transition from the layer above to red CLAYEY SILT at 15 feet to white SANDY CLAY at 24 feet with moisture increasing with depth		
15	313.07					
20	308.07					
25	303.07					
30						



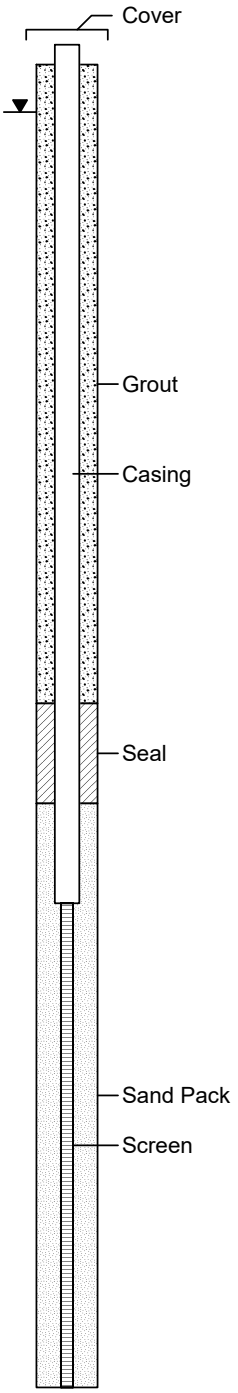
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-17-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-17-2015	Northing Coord. (m)	: 3458859.49
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652331.98
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Depth in Feet	Surf. Elev. 329.08	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	329.08	SM		SILTY SAND, fine grained, soft, wet, dark brown		
		GW		GRAVEL, Well Graded, coarse gravel to coarse sand, rounded, wet, tan	MW-7(1')	0.0
		ML		CLAYEY SANDY SILT, tan and red, fine to medium grained, moist, dense, slight plasticity, well sorted		0.0
						0.0
5	324.08					0.0
						0.0
						0.0
						0.0
10	319.08	SM		SANDY SILT, pink, fine to medium grained, moist, well sorted,	MW-7(10')	0.0
		CL		SANDY CLAY, white, red, medium grained, low plasticity, moist, well sorted		0.0
15	314.08			End soil collection, refusal. Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY with moisture increasing with depth		
20	309.08					
25						

Monitoring Well: MW-7
TOC Elevation: 328.98



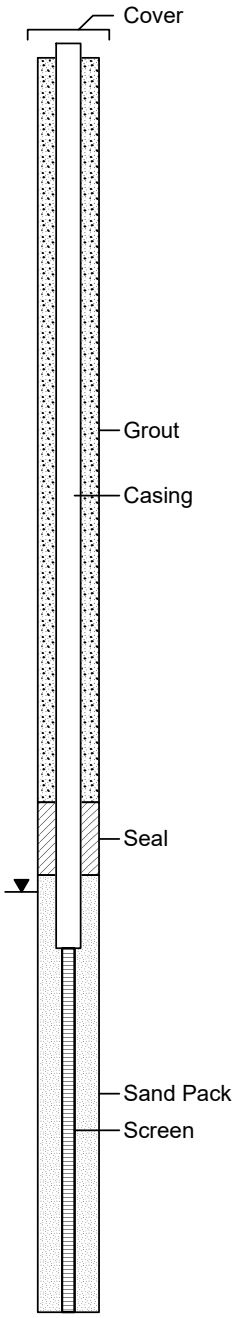
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-18-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-18-2015	Northing Coord. (m)	: 3458883.91
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652394.25
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-8
TOC Elevation: 328.38

Depth in Feet	Surf. Elev. 328.48	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	328.48	SM		SILTY SAND, fine grained, red, medium dense, moist		0.0
		CL		SANDY CLAY, tan, fine to medium grained, soft, medium plasticity, moist	MW-8(1')	0.0
						0.0
5	323.48	ML		SANDY CLAYEY SILT, red, white, fine to medium grained, moist, no plasticity, dense, low plasticity,		0.0
						0.0
						0.0
					MW-8(8')	0.0
10	318.48					0.0
				End soil collection, refusal.		
				Mud tailings from hollow stem augers indicate soils transition from the layer above to white SANDY CLAY at 28 feet with moisture increasing with depth		
15	313.48					
20	308.48					
25	303.48					
30	298.48					
35						



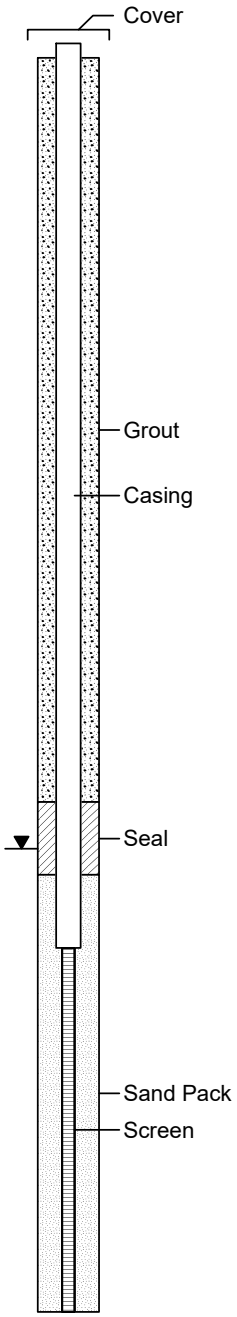
LOG OF BORING

Twitchell Technical Products
Site Investigation for VCP
4031 Ross Clark Circle
Dothan, Alabama
Project # 159708.420.00

Date Started	: 11-18-2015	Company Rep.	: Danny Ferguson
Date Completed	: 11-18-2015	Northing Coord. (m)	: 3458977.58
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652391.28
Drilling Method	: Direct Push	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Depth in Feet	Surf. Elev. 326.29	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	326.29	CG		Asphalt and gravel		0.0
		SM		SILTY SAND, fine to medium grained, red, dense, dry	MW-8(1')	0.0
		ML		SANDY SILT, tan, fine grained, dense, moist		0.0
5	321.29					0.0
						0.0
					MW-9(8')	0.0
10	316.29			End soil collection, refusal. Mud tailings from hollow stem augers indicate soils transition from the layer above to red CLAYEY SILT at 10 feet to white SANDY CLAY at 28 feet with moisture increasing with depth		
15	311.29					
20	306.29					
25	301.29					
30	296.29					
35						

Monitoring Well: MW-9
TOC Elevation: 326.19



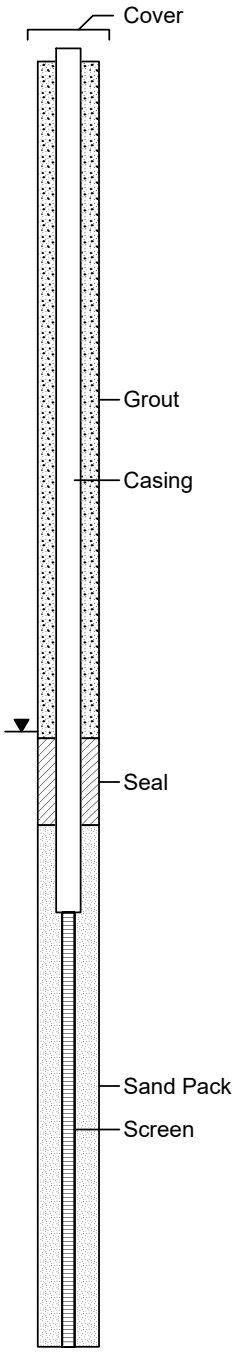
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-19-2016	Company Rep.	: JD Kemp
Date Completed	: 4-19-2016	Northing Coord. (m)	: 3459068.00
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652259.00
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Depth in Feet	Surf. Elev. 320	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	320	ML		Soils not collected during well installation Mud tailings from hollow stem augers indicate red CLAYEY SILT with low moisture		
5	315					
10	310					
15	305	CL		Mud tailings from hollow stem augers indicate SANDY CLAY with moisture increasing with depth and color changing from pink to white with depth		
20	300					
25	295					
30				End rotary drilling		

Monitoring Well: MW-10
TOC Elevation: 319.34



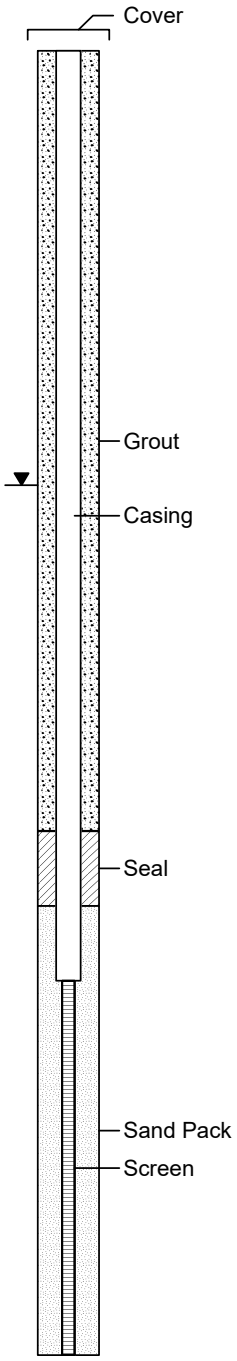
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-19-2016	Company Rep.	: JD Kemp
Date Completed	: 4-19-2016	Northing Coord.	: 3459107.28
Hole Diameter	: 4.25"	Easting Coord.	: 652294.67
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Depth in Feet	Surf. Elev. 320	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	320	ML		Soils not collected during well installation Mud tailings from hollow stem augers indicate red CLAYEY SILT with low moisture		
5	315					
10	310					
15	305	CL		Mud tailings from hollow stem augers indicate SANDY CLAY with moisture increasing with depth and color changing from pink to white with depth		
20	300					
25	295					
30	290					
35				End rotary drilling		

Monitoring Well: MW-11
TOC Elevation: 319.64



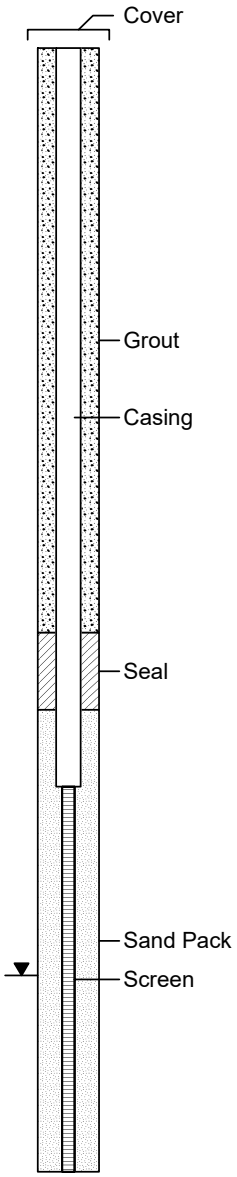
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-20-2016	Company Rep.	: JD Kemp
Date Completed	: 4-20-2016	Northing Coord. (m)	: 3459084.51
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652369.13
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-12
TOC Elevation: 325.54

Depth in Feet	Surf. Elev. 325.7	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.7	CG		Asphalt		
		SC		CLAY and SAND, dry, tan, fine to medium grained		
5	320.7	SC		CLAY and SAND, red, dry, fine to medium grained		
10	315.7					
15	310.7	SC		SAND and CLAY, red, very hard, moist, fine to medium grained		
20	305.7	CH		CLAYEY SAND that transitions to SANDY CLAY, white, saturated		
25	300.7					
30	295.7			End boring, lithology was recorded from soil cuttings		
35						



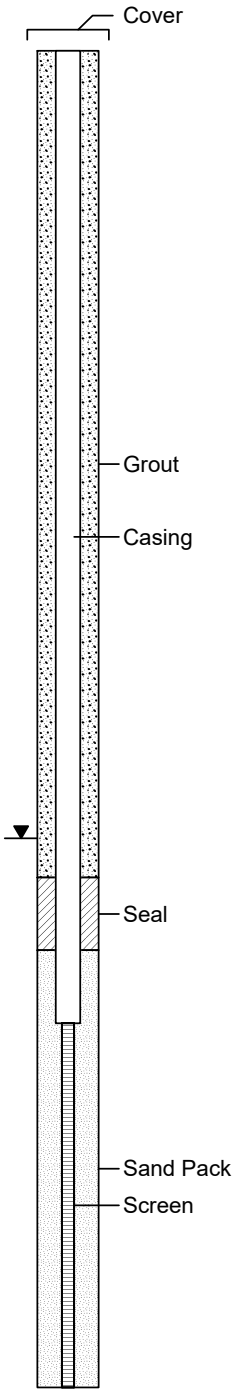
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-20-2016	Company Rep.	: JD Kemp
Date Completed	: 4-20-2016	Northing Coord. (m)	: 3459018.17
Hole Diameter	: 2.25"	Easting Coord. (m)	: 652271.67
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Monitoring Well: MW-13
TOC Elevation: 325.26

Depth in Feet	Surf. Elev. 325.63	USCS	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.63	SM	SILTY SAND, red, fine to medium grained, dry, medium dense	MW-13 (0'-1')	0.0
		SM	SILTY SAND, brown, fine to medium grained, dry, medium dense		0.0
		SM	SILTY CLAYEY SAND, brown, fine to medium grained, moist, dense, slight plasticity, more red sand with depth		0.0
5	320.63				0.0
					0.0
10	315.63	SC	CLAYEY SAND, white, red, fine to coarse sand, dry, no plasticity, dense		0.0
					0.0
					0.0
15	310.63	SC	CLAYEY SAND, white, red, fine to coarse sand, dry, slight to low plasticity, very dense, moist		0.0
		CL	SANDY CLAY, white, red, medium to coarse grained, moist, very dense		0.0
20	305.63	SC	CLAYEY SAND, white, red, fine to coarse sand, dry, no plasticity, dense	MW-13 (20.5'-21.5')	1.0
		CL	SANDY CLAY, white, red, medium to coarse grained, moist, very dense, 2" coarse sand layer at 28 feet		0.0
					0.0
25	300.63				0.0
					0.0
30	295.63	SC	CLAYEY SAND, white, red, tan, fine to very coarse sand, wet, slight plasticity		1.2
				MW-13 (33'-33.5')	1.5
					0.0
35			End Boring		



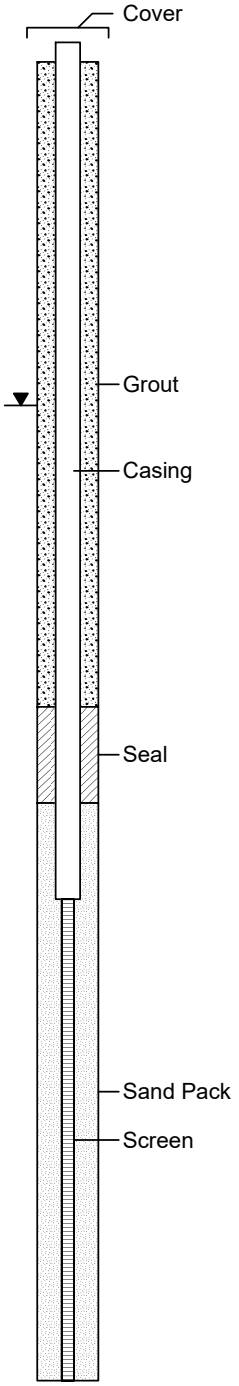
LOG OF BORING

Twitchell Technical Products
Groundwater Delineation
4031 Ross Clark Circle
Dothan, Alabama
Project # 162565.410.00

Date Started	: 8-4-2016	Company Rep.	: JD Kemp
Date Completed	: 8-5-2016	Northing Coord. (m)	: 3459082.97
Hole Diameter	: 4.25"	Easting Coord. (m)	: 652171.41
Drilling Method	: Hollow Stem Auger	Survey By	: RPS GaiaTech
Sampling Method	: Split Spoon	Logged By	: G. Skawski

Monitoring Well: MW-14
TOC Elevation: 308.81

Depth in Feet	Surf. Elev. 308.91	USCS	GRAPHIC	DESCRIPTION
0	308.91	CG		Asphalt and gravel fill
		SM		SILTY SAND, fine to medium grained, red, dense, moist
5	303.91			
		SC		CLAYEY SAND, low plasticity, white and red, fine to medium grained, dense, moist
				Not collected
10	298.91	SC		CLAYEY SAND, low plasticity, white, fine to medium grained, dense, wet
				Not collected
15	293.91	CL		SILTY CLAY, red and white, stiff, low to medium plasticity, moist
		ML		CLAYEY SILT, white and red, stiff, moist, slight plasticity
				Not collected
20	288.91	CL		SANDY CLAY, medium plasticity, stiff, red and white, wet 2" layer of SAND, medium grains, tan, saturated, medium dense
				Not collected
25		CH		FAT CLAY, soft, saturated, high plasticity, pink
		CL		CLAY, white, stiff, medium plasticity, moist
				End Boring



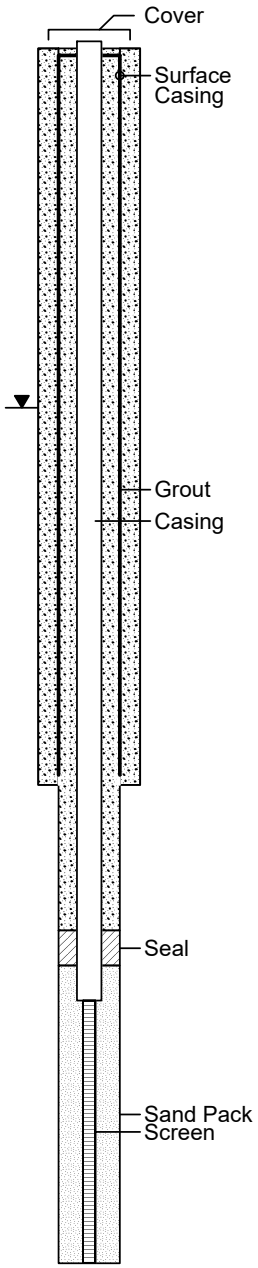
LOG OF BORING

Twitchell Technical Products
Groundwater Delineation
4031 Ross Clark Circle
Dothan, Alabama
Project # 162565.410.00

Date Started	: 8-3-2016	Company Rep.	: JD Kemp
Date Completed	: 8-5-2016	Northing Coord. (m)	: 3458994.55
Hole Diameter	: 8.25" / 4.25"	Easting Coord. (m)	: 652366.19
Drilling Method	: HSA / Mud Rotary	Survey By	: RPS GaiaTech
Sampling Method	: Split Spoon	Logged By	: G. Skawski

Monitoring Well: MW-15
TOC Elevation: 325.97

Depth in Feet	Surf. Elev. 326.07	USCS	DESCRIPTION
0	326.07	CG	Asphalt and gravel fill
		SM	SILTY SAND, fine to medium grained, red, dense, dry
5	321.07	ML	SANDY SILT, tan, fine grained, dense, moist
		ML	SANDY SILT, reddish orange, fine grained, dense, moist
10	316.07	ML	SANDY SILT, red, fine grained, very dense, moist
15	311.07	SM	SILTY SAND, light red, fine grained, dense, moist
20	306.07		
25	301.07		
30	296.07	CL	SANDY CLAY, pink, medium grained, wet
35	291.07	CL	SANDY CLAY, white, medium grained, wet, medium plasticity, very stiff
			Not collected
40	286.07	CH	SANDY CLAY, more clay, white, high plasticity, stiff
45	281.07	CH	End hollow stem augers and split spoon sampling. Begin mud rotary. Mud tailings indicate soils are the same white SANDY CLAY as above
50	276.07		
55	271.07		
60	266.07	SC	Mud tailings indicate soils are CLAYEY SAND, coarse sand, angular, white
65	261.07		
70	256.07		fine red sand observed
75			End boring

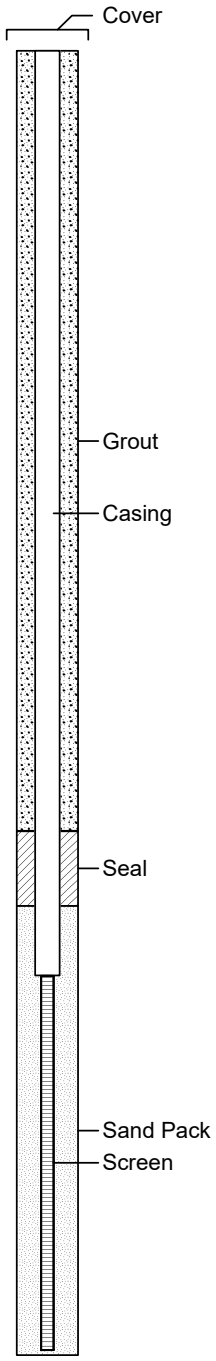


LOG OF BORING

Twitchell Technical Products Supplemental Site Investigation 4031 Ross Clark Circle	Date Started	: 6-1-2017	Company Rep.	: NA
	Date Completed	: 6-1-2017	Northing Coord.	: NA
	Hole Diameter	: 4.25"	Easting Coord.	: NA
Dothan, Alabama	Drilling Method	: Direct Push/Auger	Survey By	: EM Services
Project # 161718.421.00	Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Monitoring Well: MW-16
TOC Elevation: 325.75

Depth in Feet	Surf. Elev. 325.8	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.8	ML		Soils not collected during well installation Mud tailings from hollow stem augers indicate red CLAYEY SILT with low moisture		
5	320.8					
10	315.8					
15	310.8	CL		Mud tailings from hollow stem augers indicate SANDY CLAY with moisture increasing with depth and color changing from pink to white with depth		
20	305.8					
25	300.8					
30	295.8					
35				End rotary drilling		



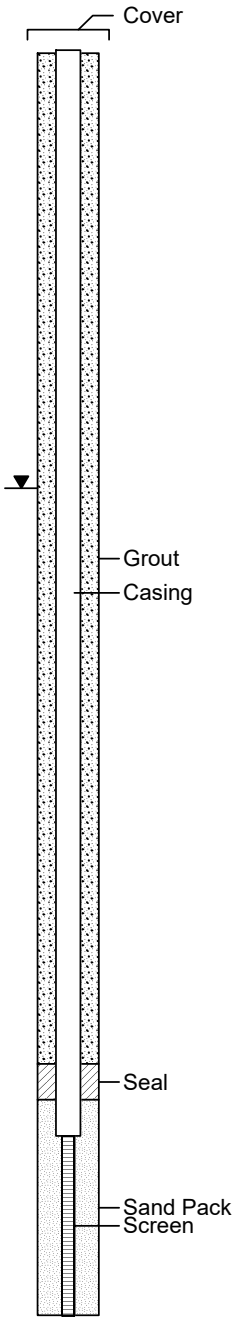
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 168904.400.00

Date Started	: 7-10-2018	Company Rep.	: NA
Date Completed	: 7-11-2018	Northing Coord.	: NA
Hole Diameter	: 6.0"	Easting Coord.	: NA
Drilling Method	: Sonic	Survey By	: Betts Environmental
Sampling Method	: Soil Bags	Logged By	: Glenn Skawski

Monitoring Well: MW-17I
TOC Elevation: 325.65

Depth in Feet	Surf. Elev. 326.23	USCS	GRAPHIC	DESCRIPTION
0	326.23			Did not recover
10	316.23	CL		SILTY CLAY, red and white, dry, very dense, trace sand, low plasticity, fine grained
20	306.23			Did not recover
		CL		SILTY CLAY, red and white, dry, very dense, trace sand, low plasticity, fine grained
30	296.23	SC		CLAYEY SAND, white, medium dense, wet, medium grains, slight plasticity, poorly graded
40	286.23			
50	276.23			
60	266.23	CH		FAT CLAY, white, dense, wet, high plasticity
70				End Boring



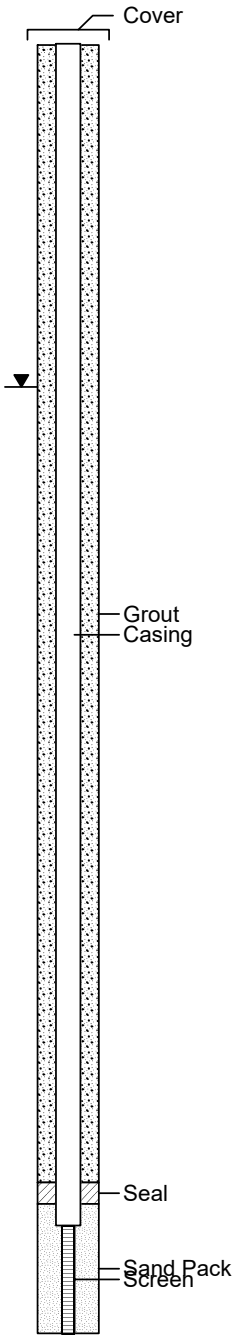
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 168904.400.00

Date Started	: 7-10-2018	Company Rep.	: NA
Date Completed	: 7-11-2018	Northing Coord.	: NA
Hole Diameter	: 6.0"	Easting Coord.	: NA
Drilling Method	: Sonic	Survey By	: Betts Environmental
Sampling Method	: Soil Bags	Logged By	: Glenn Skawski

Monitoring Well: MW-17D
TOC Elevation: 325.85

Depth in Feet	Surf. Elev. 326.23	USCS	GRAPHIC	DESCRIPTION
0	326.23	ML		SANDY SILT, brown, dry, slight plasticity, dense, fine grains
10	316.23	CL		SILTY CLAY, red and white, dry, very dense, trace sand, low plasticity, fine grained
20	306.23	CL		SANDY CLAY, red to white with depth, moist, dense, low plasticity, medium grains
30	296.23	SC		CLAYEY SAND, white, dense, wet, medium grains, slight plasticity, poorly graded
40	286.23	SC		CLAYEY SAND, trace clay, wet, dense, medium grains, poorly graded, pink, slight plasticity
50	276.23	SC		CLAYEY SAND, wet, medium dense, medium grains, poorly graded, pink, low plasticity, clay streaks
		CH		FAT CLAY, white, dense, wet, high plasticity
60	266.23	SC		CLAYEY SAND, wet, medium dense, medium grains, poorly graded, pink, low plasticity, clay streaks
70	256.23	SC		CLAYEY SAND, pink, wet, medium grains, dense, slight plasticity, poorly graded, increasing clay content with depth
80	246.23			
90	236.23	CH		SANDY CLAY, dense, high plasticity, wet, medium grains, pink, poorly graded
		CH		FAT CLAY, dense, high plasticity, wet, white
		CH		FAT CLAY, very dense, high plasticity, wet, yellow
		SP		SAND, poorly graded, fine to medium grains, dense, wet, purple
		SP		SAND, poorly graded, fine to medium grains, dense, wet, white
100	226.23	SW		GRAVELLY SAND, well graded, fine grains to fine gravels, dense, wet, brown, angular gravels, large gravels after 98.5'
110	216.23	SP		SAND, poorly graded, fine to medium grains, medium dense, wet, brown, trace clay past 111'
120				End Boring



May 17, 2017

GW Sampling - Twitchell
1-41 Diotare

Set up on MW12

DTW: 24.68

Reading	Temp.	pH	ORP	Cond.	Turb	D.O.
Initial	27.81	4.82	312	0.048	0.82	4.85
1	27.82	4.80	313	0.047	0.66	4.39
2	27.77	4.90	312	0.045	0.52	4.51
3	27.96	4.92	313	0.045	0.46	4.51
4	28.14	4.92	313	0.045	0.48	4.29
5	28.17	4.77	327	0.044	0.48	4.26
6	27.81	4.49	343	0.043	0.63	4.70
7	27.86	4.68	334	0.042	0.55	4.52
8	27.71	4.73	333	0.042	0.55	4.21
Parameters Measured at 5 min. Intervals.						
9	27.64	4.76	333	0.042	0.59	4.17
10	27.53	4.77	333	0.042	0.58	3.95

Sample @ 1745

Set up on MW9

DTW: 21.19 ft

Reading	Temp.	pH	ORP	Cond.	Turb.	D.O.
Initial	26.99	4.44	347	0.040	2.75	5.25
1	25.76	4.20	372	0.039	2.14	6.38
2	25.78	4.17	377	0.038	1.11	5.86
3	25.57	4.34	370	0.038	0.54	6.05
4	25.57	4.30	373	0.038	0.54	5.99
5	25.54	4.30	373	0.038	0.53	5.94

Sample @ 1850
5/17/2011

offsite @
19:30

Rite in the Rain

May 18, 2017

GW Sampling for 1-4, Piotal

DTW: 29.94 ft

MW13

Reading	Temp.	pH	ORP	Cond.	D.O.	Turb
Initial	22.87	4.55	368	0.143	5.25	0.15
1	22.90	4.64	372	0.143	3.24	0.17
2	22.89	4.64	374	0.143	3.23	0.10
3	22.86	4.66	375	0.142	3.12	0.08
4	22.83	4.68	375	0.141	3.08	0.05
5	22.77	4.72	375	0.140	3.06	0.11
6	22.70	4.73	375	0.137	3.13	0.27

Sample @ 0915

MW2 *DUP DTW: 18.85 ft

Reading	Temp.	pH	ORP	Cond.	D.O.	Turb
Initial	23.13	4.49	371	0.069	3.30	3.08
1	23.86	4.38	377	0.068	2.07	3.11
2	24.07	4.54	371	0.067	2.10	2.09
3	24.11	4.71	363	0.067	1.99	1.69
4	24.37	4.78	360	0.067	1.87	1.13
5	24.72	4.83	358	0.067	1.85	0.75
6	25.50	4.90	357	0.065	1.87	0.45
7	25.55	4.90	357	0.065	1.86	0.43

Sample @ 10:50 AM

MW-1 DTW: 22.79 ft

Reading	Temp.	pH	ORP	Cond.	D.O.	Turb
Initial	30.25	4.82	345	0.070	4.61	9.64
1	30.13	4.81	356	0.053	4.25	5.88
2	30.4	4.80	363	0.048	4.22	2.87
3	29.81	4.78	368	0.046	4.26	1.26
4	29.79	4.78	368	0.045	4.14	0.97
5	29.79	4.77	368	0.045	4.21	1.11

MW6 DTW: 21.22 ft

Reading	Temp.	pH	ORP	Cond.	D.O	Turb
Initial	29.59	5.07	355	0.048	3.84	85.1
1	27.04	5.45	336	0.054	2.95	71.8
2	25.58	5.02	355	0.057	2.89	59.2
3	25.38	4.78	370	0.057	2.60	47.8
4	25.40	4.73	373	0.058	2.41	35.0
5	25.41	4.81	371	0.058	2.94	27.8
6	25.64	5.01	361	0.059	3.04	23.9
7	25.64	5.01	361	0.059	3.04	12.7
8	25.71	5.06	352	0.059	2.98	9.3

5-26-17

Arrived at approx 12:00. Drilling (EM Services) and utility locate services on site. We cleared location of permanent well MW16 to delineate eastern edge of plume.

MW16 installed via hydropunch DPT (4") to 30 ft total depth w/ 10 ft. pre-packed screen. Well installation was very slow due to dense formation. The rig kept overheating.

Meanwhile GPR continued to locate area where suspected dry well and former septic tank is located.

Rite in the Rain

SB6 | TW11

Depth	PID	Description
0-5	0	Orange Brown clayey SILT, soft, moist.
5-10	0	Brown, tan, red, mottled clayey SILT some sand lenses.
10-15	0	same as previous. layers of dense clayey SILT + ½ wet sand.
15-20	0	Very dense clayey SILT, No sand lenses observed.

SB6 · 2 ft · 1745
SB6 · 20 ft 1750
TW11 · 1800 (sampled on 5-27 0730)

SB7 | TW12

Depth	PID	Description
0-5	0	soft, moist, brown SANDY SILT, Becomes dense and hard @ 5 ft.
5-10	0	Brown, tan, red, mottled clayey SILT
10-15		very stiff, dry.
15-20		same as previous. very dense, hard, ½ dry.

Spray [redacted] R09

5-27

sample TW12 @ 0730.

SB10

Depth	PID	Desc.
0-5	0	orange brown sandy SILT.
5-10	0	Same as previous to 6 ft, then grades to a brown, gray, red clayey SILT, Mottled
10-15	0	Same as previous
15-20	0	Same as previous. Very dense

2 ft · 1200
20 ft - 1210

SB9.

Depth	PID	Descript
0-5	0	Dark layer @ 2 ft SILTY SAND, moist, soft
5-10	0	Brown SILTY SAND
10-15	0	@ 9 ft Red, tan, brown mottled, dense clayey SILT.
15-20		

2 ft - 1430
20 ft - 1443

Rite in the Rain

5.27

SB8

Depth	PID	Description
0.5	0	Brown orange SANDY SILT
5-10	0	Same as previous. Grades to a mottled red, tan, brown CLAYEY SILT w/ trace sand.
10-15	0	→ Red, tan, brown stiff, mottled CLAYEY SILT.
15 20	0	→ Purple, gray, brown, red very stiff, very dense CLAYEY SILT.

2 - 1540
20. 1555

TW14 - 1520

6/1

Returned to the site to extend the depth of MW16 due to only 3" of water after sitting overnight. MW16 now has over 4 ft of water, so the well will be completed as is.

MW16

Reading	pH	Temp	ORP	Cond.	DO.	Turb
Initial	6.00	25.01	97	0.079	5.23	6.14
1	6.29	25.47	87	0.083	3.64	5.33
	6.29	25.86	86	0.089	4.07	7.38
	6.34	25.16	83	0.090	4.18	6.54
	6.36	25.26	81	0.094	4.46	6.29

Rite in the Rain

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-20-2016	Company Rep.	: JD Kemp
Date Completed	: 4-20-2016	Northing Coord.	:
Hole Diameter	: 2"	Easting Coord.	:
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: Olefin SB-1
Boring Elevation: 325.63

Depth in Feet	Surf. Elev. 325.63	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.63	CG		CONCRETE		
		SM		SILTY SAND, red, fine to medium grained, dry, medium dense		
		SM		SILTY SAND, brown, fine to medium grained, dry, medium dense	SB-1 (0'-1')	0.0
						0.0
						0.0
5	320.63	SM		SILTY CLAYEY SAND, brown, fine to medium grained, moist, dense, slight plasticity, more red sand with depth		
		SM		SILTY SAND, dark grey, fine to medium grained, dry, medium dense		0.0
		SC		SILTY CLAYEY SAND, dark grey, fine to medium grained, moist, dense, slight plasticity		0.0
					SB-1 (9'-10')	0.0
10	315.63			Did not recover		
						0.0
						0.0
						0.0
15		SC		SILTY SAND, red, medium to coarse grained, dry, very dense		
				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 161718.421.00

Date Started	: 4-20-2016	Company Rep.	: JD Kemp
Date Completed	: 4-20-2016	Northing Coord.	:
Hole Diameter	: 2"	Easting Coord.	:
Drilling Method	: Direct Push/Auger	Survey By	: Polyengineering, Inc.
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: Olefin SB-2
Boring Elevation: 325.63

Depth in Feet	Surf. Elev. 325.63	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.63	CG		Concrete		
		SM		SILTY SAND, red, fine to medium grained, dry, medium dense		
		SM		SILTY SAND, brown, fine to medium grained, dry, medium dense	SB-2 (0'-1')	0.0
						0.0
						0.0
		SM		SILTY CLAYEY SAND, brown, fine to medium grained, moist, dense, slight plasticity, more red sand with depth		
5	320.63	GP		SANDY GRAVEL, very coarse gravel, moist to wet, grey		
		SM		SILTY SAND, brown, fine to medium grained, dry, medium dense, moist	SB-2 (7'-7.5') SB-DUP	1.4
		CL		SANDY CLAY, red, white, dry, very hard, medium to coarse grained		
				Did not recover		0.0
10	315.63	CL		SANDY CLAY, red, white, dry, very hard, medium to coarse grained		0.0
						0.0
		SP		GRAVELY SAND, fine sand to coarse gravel, poorly graded, moist, medium dense	SB-2 (14')	0.7
15		CL		SANDY CLAY, red, white, dry, very hard, medium to coarse grained		
				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: SB-1

Depth in Feet	Surf. Elev. 325	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist		
		CL		SANDY CLAY, low plasticity, moist, medium dense, light brown, fine grains		0.0
						0.0
5	320	CL		SANDY CLAY, white and red, very dense, moist, low plasticity, fine to medium grains		0.0
						0.0
10	315	SP		SAND, pink and orange, medium grains, dense, moist, trace clay	SB-1 (10')	0.0
						0.0
15	310					0.0
						1.2
					SB-1 (20')	4.4
20				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: SB-2

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	326	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist		0.7
		CL		SANDY CLAY, low plasticity, moist, medium dense, light brown, fine grains		0.8
5	321	CL		SANDY CLAY, white and red, very dense, moist, low plasticity, fine to medium grains	SB-2 (5')	1.2
						0.4
10	316					1.3
					SB-2 (12') DUP-4	3.2
15	311	SP		SAND, pink and white, medium grains, dense, moist, trace clay		0.0
						0.0
						0.0
20				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: SB-3

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	326	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist		
		CL		SANDY CLAY, low plasticity, moist, medium dense, light brown, fine grains	SB-3 (1')	0.0
						0.0
5	321	CL		SANDY CLAY, white and red, very dense, moist, low plasticity, fine to medium grains	SB-3 (5')	0.0
						0.0
10	316				SB-3 (10')	0.0
						0.0
15	311	SC		CLAYEY SAND, white and some red, medium grains, very dense, moist	SB-3 (15')	0.0
						0.0
					SB-3 (20')	0.0
20				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: SB-4

Depth in Feet	Surf. Elev. 324	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	324	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist		
		CL		SANDY CLAY, low plasticity, moist, medium dense, light brown, fine grains	SB-4 (1')	0.0
				Did not recover		
5	319	SC		CLAYEY SAND, orange to pink and white with depth, medium grains, very dense, moist	SB-4 (5') DUP-5	0.0
						0.0
10	314				SB-4 (10')	0.0
						0.0
15	309				SB-4 (15')	0.0
						0.0
					SB-4 (20')	0.0
20				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Soil Boring: SB-5

Depth in Feet	Surf. Elev. 323	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	323	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist		
		CL		SANDY CLAY, low plasticity, moist, medium dense, light brown, fine grains	SB-5 (1')	0.0
						0.0
5	318	CL		SANDY CLAY, white and red, very dense, moist, low plasticity, fine to medium grains	SB-5 (5')	0.0
						0.0
10	313				SB-5 (10')	0.0
						0.0
15	308	SC		CLAYEY SAND, white and some red, medium grains, very dense, moist	SB-5 (15') DUP-6	0.0
						0.0
					SB-5 (20')	0.0
20				End Boring		

LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Soil Boring: SB-10

Depth in Feet	Surf. Elev. 325.5	USCS	GRAPHIC	DESCRIPTION	Soil Sample ID	PID (ppm)
0	325.5	CG		CONCRETE		
		ML		SANDY SILT, orange brown, medium dense, dry		0.0
					SB-10 (2')	0.0
						0.0
5	320.5					
		ML		CLAYEY SILT, brown, tan, and red, mottled clay, dense, moist		0.0
10	315.5					0.0
						0.0
15	310.5	ML		CLAYEY SILT, brown, tan, and red, mottled clay, very dense, moist		0.0
						0.0
					SB-10 (20')	0.0
20				End soil collection		

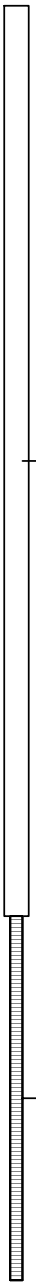
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Temporary Well: TW-1

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	326	FB		Asphalt		
		ML		CLAYEY SANDY SILT, slight plasticity, medium dense, moist, orange, fine grains	TW-1 (1')	21.7
		ML		SANDY SILT, slight plasticity, dense, moist, orange, fine grains		8.6
5	321	ML		CLAYEY SANDY SILT, slight plasticity, dense, moist, orange, fine grains Increasing white clay with depth		0.3 0.9
10	316	CL		SANDY CLAY, white and red, very dense, moist, low plasticity, fine grains	TW-1 (10')	0.6 0.7
15	311	CL		SANDY CLAY, white and red, very dense, moist, no plasticity, fine to medium grains		1.4 1.3
20	306	CL				0.3 0.4
25	301	CL		SANDY CLAY, white and red, very dense, wet, low plasticity, fine grains		0.5 0.0
30	296	CL			TW-1	0.0 0.0
35				End Boring		0.0



LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Temporary Well: TW-2

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	326	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist	TW-2 (1')	0.0
		CL		SANDY CLAY, medium plasticity, soft, wet, light brown, fine grains		0.0
5	321	ML		SANDY SILT, dense, moist, orange, fine grains	TW-2 (5')	0.0
						0.0
10	316	CL		SANDY CLAY, white and red, very dense, moist, no plasticity, fine grains	TW-2 (10')	0.0
						0.0
15	311	ML		CLAYEY SAND, white and red, very dense, moist, no plasticity, fine to medium grains	TW-2 (15')	0.0
						0.0
20	306				TW-2 (20')	0.0
						0.0
25	301	CL		SANDY CLAY, white and red, very dense, wet, low plasticity, fine grains		0.0
						0.0
30	296				TW-2	0.0
						0.0
35				End Boring		0.0

LOG OF BORING

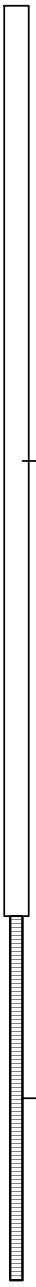
Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Temporary Well: TW-3

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	326	OL		SANDY SILT, organic matter, dark red, fine grains, soft, moist	TW-3 (1')	0.0
		CL		SANDY CLAY, medium plasticity, soft, wet, light brown, fine grains		0.0
5	321	ML		SANDY SILT, dense, moist, orange, fine grains	TW-3 (5')	0.0
						0.0
10	316				TW-3 (10')	0.0
						0.0
15	311	ML		CLAYEY SAND, white and red, dense, moist, low plasticity, fine to medium grains	TW-3 (15')	0.0
						0.0
20	306	CL		SANDY CLAY, white and pink, very dense, wet, low plasticity, fine grains	TW-3 (20')	0.0
						0.0
25	301					0.0
						0.0
30	296				TW-3	0.0
						0.0
35						0.0

End Boring



LOG OF BORING

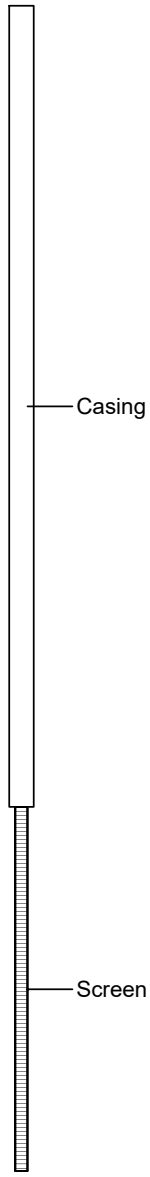
Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Surf. Elev. 324

Depth in Feet	USCS	DESCRIPTION	Sample ID	PID (ppm)
0 (324)	OL	SANDY SILT, organic matter, dark brown, fine grains, soft, moist		0.0
	ML	SANDY SILT, dense, moist, no plasticity, orange, fine grains		0.0
5 (319)	ML	CLAYEY SANDY SILT, dense, moist, no plasticity, orange, fine grains, trace clay		0.0
				0.0
10 (314)	ML	SILTY SAND, red, medium dense, dry, no plasticity, fine to medium grains, some clay at bottom	TW-4 (10') DUP-1	0.0
15 (309)	ML	CLAYEY SAND, white, dense, moist, slight plasticity, fine to medium grains		0.0
				0.0
20 (304)			TW-4 (20')	0.0
				0.0
25 (299)	SC	CLAYEY SAND, white, dense, wet, no plasticity, medium grains, well sorted		0.0
				0.0
30 (294)			TW-4	0.0
				0.0
35		End Boring		0.0

Temporary Well: TW-4



LOG OF BORING

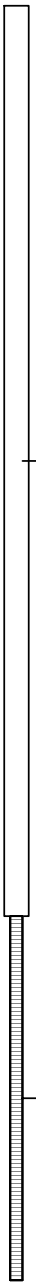
Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Temporary Well: TW-5

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	326	OL		SANDY SILT, organic matter, dark brown, fine grains, soft, moist		0.0
		ML		SANDY SILT, dense, moist, no plasticity, orange, fine grains		0.0
5	321	CL		SANDY CLAY, white and red, dense, moist, low plasticity, fine to medium grains	TW-5 (5')	0.0
						0.0
10	316					0.0
						0.0
15	311	SC		CLAYEY SAND, pink, dense, moist to wet with depth, low plasticity, medium grains, well sorted	TW-5 (15')	0.0
						0.0
20	306					0.0
						0.0
25	301					0.0
						0.0
30	296				TW-5	0.0
						0.0
35						0.0

End Boring



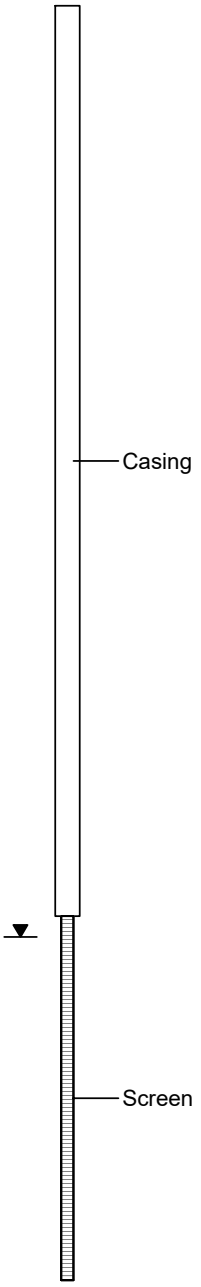
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Temporary Well: TW-6

Depth in Feet	Surf. Elev. 329	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	329	FB		Concrete		
		ML		SANDY SILT, dense, moist, no plasticity, orange, fine grains	TW-6 (1')	0.0
						0.0
5	324				TW-6 (5')	0.0
		SP		SAND, medium grains, dry, medium dense, well sorted, orange		0.0
10	319				TW-6 (10')	0.0
						0.0
15	314				TW-6 (15')	0.0
						0.0
20	309				TW-6 (20')	0.0
					DUP-2	0.0
25	304					0.0
		SP		SAND, medium grains, wet, medium dense, well sorted, orange		0.0
30	299				TW-6	0.0
		SC		CLAYEY SAND, white and red, medium dense, wet, low plasticity, medium grains, well sorted		0.0
						0.0
35				End Boring		



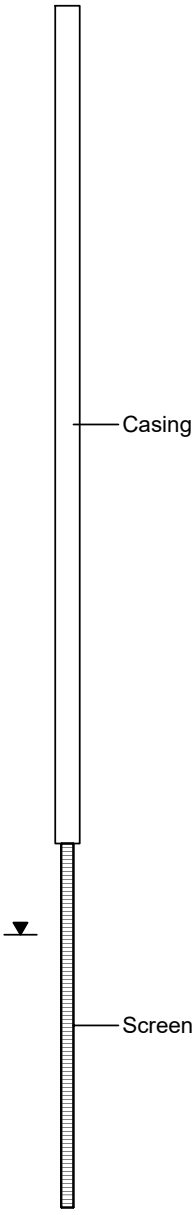
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Depth in Feet	Surf. Elev. 329	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	329	FB		Concrete		
		ML		SANDY SILT, very dense, moist, no plasticity, orange, fine grains	TW-7 (1')	0.0
				Did not recover		0.0
5	324	SC		CLAYEY SAND, fine to coarse grains, no plasticity, dry, red and white, very dense	TW-7 (5')	0.0
						0.0
10	319	SP		SAND, medium grains, dry, very dense, well sorted, orange	TW-7 (10')	0.0
						0.0
15	314	SC		CLAYEY SAND, fine to coarse grains, no plasticity, dry, red and white, very dense	TW-7 (15')	0.0
						0.0
20	309				TW-7 (20')	0.0
		SP		SAND, medium grains, moist to wet with depth, medium dense, well sorted, pink, pink		0.0
25	304					0.0
						0.0
30	299				TW-7	0.0
						0.0
35				End Boring		0.0

Temporary Well: TW-7



LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

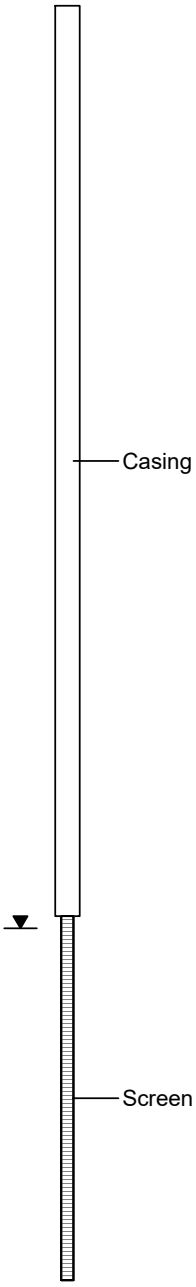
Date Started	: 12-27-2016	Company Rep.	: EM Services
Date Completed	: 12-27-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Surf. Elev. 329

Depth in Feet	USCS	DESCRIPTION	Sample ID	PID (ppm)
0 (329)	FB	Concrete		
	ML	SAND, fine grains, dry, soft, red	TW-8 (1')	0.0
	ML	CLAYEY SILTY SAND, brown, medium dense, dry, fine grains		
		Did not recover		0.0
5 (324)	ML	SILTY SAND, very dense, moist, no plasticity, orange, fine to coarse grains	TW-8 (5')	0.0
				0.0
10 (319)	CL	CLAY, fine grains, medium plasticity, moist, red and white, very dense	TW-8 (10')	0.0
				0.0
15 (314)			TW-8 (15')	0.0
				0.0
20 (309)	CL	SANDY CLAY, fine grains, medium plasticity, moist, red and white, dense, more sand with depth	TW-8 (20')	0.0
			DUP-3	0.0
25 (304)	SC	CLAYEY SAND, fine to coarse grains, low plasticity, wet, pink and tan, dense		0.0
				0.0
30 (299)			TW-8	0.0
				0.0
35				0.0

End Boring

Temporary Well: TW-8



LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

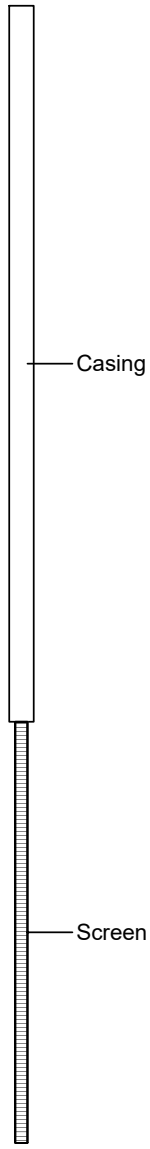
Date Started	: 12-28-2016	Company Rep.	: EM Services
Date Completed	: 12-28-2016	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: G. Skawski

Surf. Elev. 325

Depth in Feet	USCS	DESCRIPTION	Sample ID	PID (ppm)
0 (325)	OL	SANDY SILT, organic matter, dark red, fine grains, soft, moist	TW-9 (1')	0.0
	CH	SANDY CLAY, high plasticity, wet, soft to dense with depth, light brown, fine grains		0.0
5 (320)	CL	SANDY CLAY, low plasticity, moist, dense, orange, fine grains	TW-9 (5')	0.0
	CH	SANDY CLAY, high plasticity, wet, soft, light brown, fine grains		
	CL	SANDY CLAY, low plasticity, moist, very dense, light brown, fine grains		0.0
10 (315)	CL	SANDY CLAY, white and some red, dense, moist, low plasticity, fine to medium grains	TW-9 (10')	0.0
				0.0
15 (310)	SP	SAND, medium grains, medium dense, red, moist	TW-9 (15')	0.0
				0.0
20 (305)	SC	CLAYEY SAND, light pink, medium dense, wet, no plasticity, medium grains	TW-9 (20')	0.0
				0.0
25 (300)	SC	CLAYEY SAND, pink, dense, wet, low plasticity, medium grains	TW-9	0.0
				0.0
30				0.0

End Boring

Temporary Well: TW-9



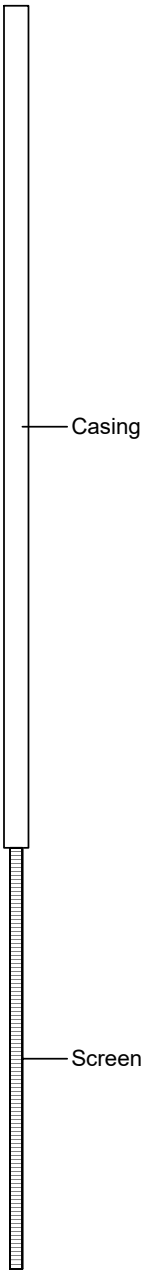
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Depth in Feet	Surf. Elev. 326	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	326			Soils not collected		
5	321					
10	316					
15	311					
20	306					
25	301				TW-10	
30						

Temporary Well: TW-10



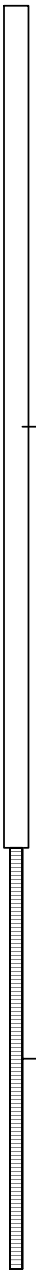
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Soil Boring: SB-6
Temporary Well: TW-11

Depth in Feet	Surf. Elev. 322	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	322	CG		ASPHALT		
		ML		CLAYEY SILT, orange brown, soft, moist		0.0
					SB-6 (2')	0.0
						0.0
5	317	ML		CLAYEY SILT, brown, tan, and red, mottled clay, some sand lenses, dense, moist		0.0
10	312	ML-SW		Alternating layers of CLAYEY SILT, brown, tan, and red, mottled clay, some sand lenses, dense, moist, and SAND, wet, red, dense		0.0 0.0
15	307	ML		CLAYEY SILT, brown, tan, and red, mottled clay, some sand lenses, dense, moist,		0.0 0.0
					SB-6 (20')	0.0
20	302			End soil collection		
25	297				TW-11	
30						



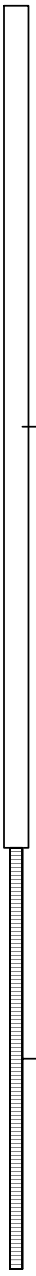
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Soil Boring: SB-7
Temporary Well: TW-12

Depth in Feet	Surf. Elev. 322	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	322	CG		ASPHALT		
		ML		SANDY SILT, brown, soft to dense with depth, moist		0.0
					SB-7 (2')	0.0
						0.0
5	317	ML		CLAYEY SILT, brown, tan, and red, mottled clay, some sand lenses, very dense, moist		
						0.0
10	312					0.0
						0.0
15	307					0.0
						0.0
20	302				SB-7 (20')	0.0
				End soil collection		
25	297				TW-12	
30						



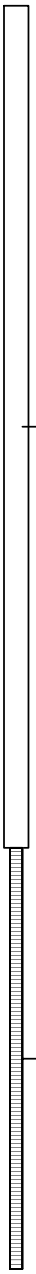
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Soil Boring: SB-8
Temporary Well: TW-13

Depth in Feet	Surf. Elev. 325.5	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	325.5	CG		CONCRETE		
		ML		SANDY SILT, orange brown, soft, moist		0.0
					SB-8 (2')	0.0
						0.0
5	320.5					
						0.0
		ML		CLAYEY SILT, brown, tan, and red, mottled clay, dense, moist, trace sand		
10	315.5					0.0
						0.0
15	310.5					0.0
		ML		CLAYEY SILT, purple, gray, brown, red, very dense, mottled clay, moist		
						0.0
					SB-8 (20')	0.0
20	305.5			End soil collection		
25	300.5				TW-13	
30						



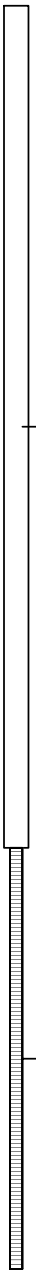
LOG OF BORING

Twitchell Technical Products
Supplemental Site Investigation
4031 Ross Clark Circle
Dothan, Alabama
Project # 163987.420.00

Date Started	: 5-24-2017	Company Rep.	: EM Services
Date Completed	: 5-24-2017	Northing Coord.	: NA
Hole Diameter	: 2.25"	Easting Coord.	: NA
Drilling Method	: Direct Push	Survey By	: NA
Sampling Method	: Acetate Liners	Logged By	: Mike Wilson

Soil Boring: SB-9
Temporary Well: TW-14

Depth in Feet	Surf. Elev. 325.5	USCS	GRAPHIC	DESCRIPTION	Sample ID	PID (ppm)
0	325.5	CG		CONCRETE		
		ML		SILTY SAND, orange brown, soft, moist	SB-9 (2')	0.0 0.0 0.0
5	320.5	ML		SILTY SAND, brown, medium dense, moist		0.0
10	315.5	ML		CLAYEY SILT, brown, tan, and red, mottled clay, dense, moist		0.0 0.0
15	310.5					0.0 0.0
20	305.5				SB-9 (20')	0.0
				End soil collection		
25	300.5				TW-14	
30						



WELL LOG NO. B-1 / TMW-1

PROJECT: Limited Site Investigation

CLIENT: Highlander Partners, L.P.

SITE: Twitchell Technical Products
Dothan, Alabama

LOCATION See Exhibit A-2

INSTALLATION DETAILS

Well Completion:

DEPTH	MATERIAL DESCRIPTION	RECOVERY (%)	OVA/PID (ppm)
1.0	**ASPHALT**, atop fill material		
4.0	**SANDY CLAY**, dark brown and yellowish red, no odor, dry, medium stiff	80	4.8
9.0	**SANDY CLAY**, reddish yellow, no odor, dry, medium stiff	100	0.1
13.0	**SANDY CLAY**, gray and light red, no odor, dry, medium stiff	100	0
	CLAYEY SAND, gray and light red, no odor, some moisture	100	0
		100	0
	wet at 24 ft-bgs	100	0
24.0	***Boring Terminated at 24 Feet***		

DEPTH (ft): 5, 10, 15, 20

WATER LEVEL OBSERVATIONS: ▽ 19.7 ft-bgs on 6/8/2015

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
DPT

Abandonment Method:
Bentonite chips

See Appendices for description of field procedures.
See Appendices for description of laboratory procedures and additional data (if any).
See Appendices for explanation of symbols and abbreviations.

Notes:
Logged by Trey Noland

WATER LEVEL OBSERVATIONS

19.7 ft-bgs on 6/8/2015

Terracon
110 12th Street North
Birmingham, Alabama

Well Started: 6/8/2015	Well Completed: 6/8/2015
Drill Rig: DPT	Driller: WHE Drilling
Project No.: EA157710	Exhibit: B-1

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG EA157710 LSI TWITCHELL TECHNICAL PRODUCTS.GPJ TERRACON2012.GDT 6/16/15

WELL LOG NO. B-2 / TMW-2

PROJECT: Limited Site Investigation

CLIENT: Highlander Partners, L.P.

SITE: Twitchell Technical Products
Dothan, Alabama

LOCATION See Exhibit A-2

INSTALLATION DETAILS

Well Completion:

DEPTH	MATERIAL DESCRIPTION	RECOVERY (%)	OVA/PID (ppm)
2.0	**TOPSOIL**, brown to dark gray, no odor, dry		
4.0	**SANDY CLAY**, brownish yellow, no odor, dry, medium stiff	80	7.3
9.0	**SANDY CLAY**, yellowish red, no odor, dry, medium stiff	100	0
12.0	**CLAYEY SAND**, yellowish red, no odor, some moisture	100	0.1
16.0	**CLAYEY SAND**, light red, no odor, some moisture	100	0
20.0	**SANDY CLAY**, light red and gray, no odor, some moisture, medium stiff	100	0.2
	CLAYEY SAND, gray, no odor, some moisture	100	0
	moist at 24 ft-bgs	100	0.7
32.0	wet at 30 ft-bgs	100	0.1
	Boring Terminated at 32 Feet		

DEPTH (ft): 5, 10, 15, 20, 25, 30

WATER LEVEL OBSERVATIONS: ▽ 21.77 ft-bgs on 6/8/2015

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
DPT

Abandonment Method:
Bentonite chips

See Appendices for description of field procedures.
See Appendices for description of laboratory procedures and additional data (if any).
See Appendices for explanation of symbols and abbreviations.

Notes:
Logged by Trey Noland

WATER LEVEL OBSERVATIONS
▽ *21.77 ft-bgs on 6/8/2015*

Terracon
110 12th Street North
Birmingham, Alabama

Well Started: 6/8/2015	Well Completed: 6/8/2015
Drill Rig: DPT	Driller: WHE Drilling
Project No.: EA157710	Exhibit: B-2

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG EA157710 LSI TWITCHELL TECHNICAL PRODUCTS.GPJ TERRACON2012.GDT 6/16/15

WELL LOG NO. B-3 / TMW-3

PROJECT: Limited Site Investigation

CLIENT: Highlander Partners, L.P.

SITE: Twitchell Technical Products
Dothan, Alabama

LOCATION See Exhibit A-2

INSTALLATION DETAILS

Well Completion:

DEPTH	MATERIAL DESCRIPTION	RECOVERY (%)	OVA/PID (ppm)
2.0	**TOPSOIL**, yellowish brown, no odor, some moisture	80	0
4.0	**SILTY CLAY**, brownish yellow, no odor, some moisture, soft	100	0
8.0	**CLAY**, gray and yellowish red mottled, no odor, dry, medium stiff	100	0
12.0	**SANDY CLAY**, gray and yellowish red mottled, no odor, some moisture, medium stiff	100	0
20.0	**SANDY CLAY**, gray, slight sweet odor, some moisture, soft to medium stiff	100	0
24.0	**CLAYEY SAND**, light red, no odor, moist	100	0
28.0	**SANDY CLAY**, light red, slight sweet odor, moist	100	0
	Boring Terminated at 28 Feet		

DEPTH (ft): 5, 10, 15, 20, 25

WATER LEVEL OBSERVATIONS: ▽

SAMPLE TYPE

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
DPT

Abandonment Method:
Bentonite chips

See Appendices for description of field procedures.
See Appendices for description of laboratory procedures and additional data (if any).
See Appendices for explanation of symbols and abbreviations.

Notes:
Logged by Trey Noland

WATER LEVEL OBSERVATIONS

▽ *13.74 ft-bgs on 6/8/2015*

Terracon
110 12th Street North
Birmingham, Alabama

Well Started: 6/8/2015	Well Completed: 6/8/2015
Drill Rig: DPT	Driller: WHE Drilling
Project No.: EA157710	Exhibit: B-3

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG EA157710 LSI TWITCHELL TECHNICAL PRODUCTS.GPJ TERRACON2012.GDT 6/16/15

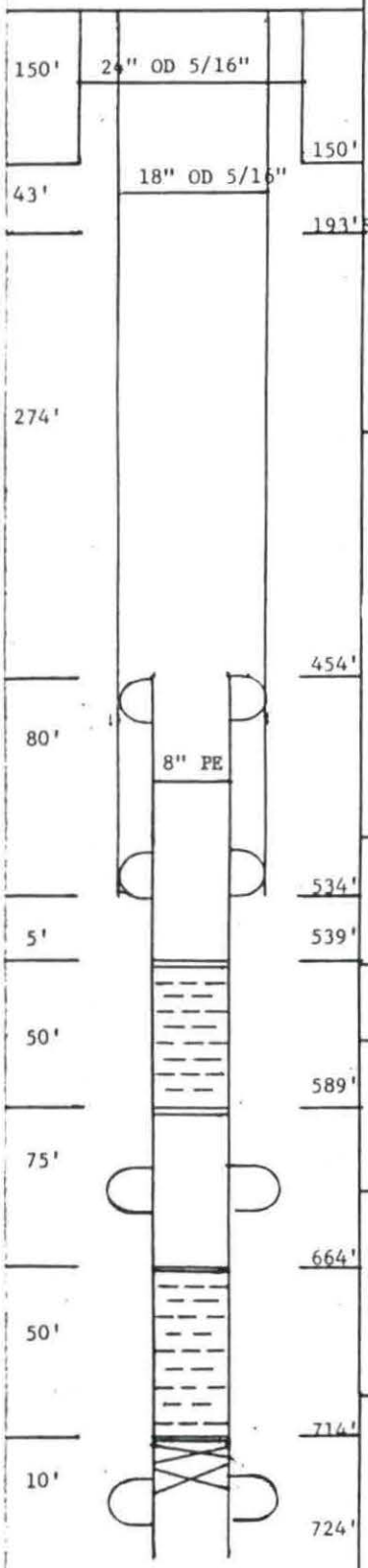
APPENDIX C

PWS #15 WELL INSTALLATION LOG

I-1

ALL MEASUREMENTS TAKEN FROM (GROUND) (TOP OF FOUNDATION) (TOP OF CASING) (TOP BASE PLATE)

DRAWING OF THE WELL



WELL DATA

STARTED WELL 4-21- 19 61 AND COMPLETED 5-3- 19 61
TOTAL DEPTH 724' ELEVATION _____ STATIC WATER LEVEL 193'
LENGTH SURFACE CASING 150' SIZE 24" THICKNESS 5/16"
CEMENTED WITH _____ SACKS CEMENT TYPE PACKER _____
LENGTH WELL CASING 534' SIZE 5/16" WEIGHT 18" O D
CEMENTED WITH 460 SACKS CEMENT TYPE PACKER _____
INNER CASING LENGTH 160' SIZE 8" WEIGHT .277
WITH 4 Sets x _____ GUIDES LOCATED 454', 534', 600' & 724' TYPE BACKOFF _____
LEAD SEAL _____ BACKPRESSURE VALVE 8" BPV GUIDE _____
WELL STRAINER MAKE Layne SIZE 8" LENGTH 100' OPENING no. 8
TYPE MATERIAL S.S WITH welded CONNECTIONS
SIZE HOLE DRILLED FOR SURFACE CASING 29" WITH _____
SIZE HOLE DRILLED FOR WELL CASING 23" WITH _____
SIZE HOLE DRILLED FOR STRAINER 17" WITH _____
YARDS OF GRAVEL USED 16 HOW PLACED _____
HOW WAS WELL DEVELOPED _____
NOTES: _____
RIG USED _____ DRILLER R. W. Thrailkill

PUMP RECORD

SERIAL NUMBER 43254 MAKE Layne TYPE FOUNDATION concrete
LENGTH COLUMN 360' SIZE 8" x 1-15/16" x 3" TYPE Oil 10' LENGTHS
BOWL SIZE 12" TYPE RKMC STAGES 18 MATERIAL IMPELLER Bronze
MATERIAL BOWL CI WITH open PORTS AND _____ SHAFT
SUCTION SIZE 8" LENGTH 30' SUCTION STRAINER No
IS PUMP SEALED HOW No WHERE _____ WITH WHAT _____
LUBRICATOR TYPE Solenoid SIZE 2 VOLTAGE 440
LENGTH OF AIRLINE 380' SIZE 1/4" TYPE MATERIAL Galv. Pipe
AIR RELEASE VALVE TYPE _____ SIZE _____
SIZE SURFACE DISCHARGE 8" TYPE Flanged DAYTON COUPLING no
PRESSURE GUAGE _____ SIZE PULLEY _____ SPEED _____
NOTES _____
RIG USED TO SET PUMP _____ INSTALLER Fred Richardson
DATE PUMP INSTALLED 6-15 19 61 DATE IN OPERATION _____ 19 ____

MOTOR

MAKE U.S. HP _____ FRAME 100 PHASE 3 CYCLE 60 VOLT 220/440
SPEED 1200 STYLE CFU SERIAL NUMBER 1248221
TOP BEARING 4-7226GM BOTTOM BEARING 1-6220J RATCHET no
STARTER _____ PRESSURE SWITCH _____ FLOAT _____

GEAR

MAKE _____ STYLE _____ SIZE _____ RATIO _____ NO _____
SIZE PULLEY _____ TYPE MOTOR FRAME _____

ENGINE

MAKE _____ STYLE _____ HP _____ SERIAL NUMBER _____
SPEED _____ SIZE PULLEY _____ FOUNDATION _____
TYPE FUEL TANK _____ MAKE MAG _____ NO _____
MAKE STARTER _____ NO _____ TYPE FUEL _____
MAKE FLEXIBLE SHAFT _____ SIZE _____ LENGTH _____ BELT LENGTH _____

GENERAL

PURPOSE FOR WHICH THIS WATER IS USED Domestic
TEMPERATURE _____ IS WATER CLEAR Yes CAPACITY 500GPM
SAND _____ HARDNESS 7.7 k3k PH 7.7 IRON 0.2 NaCL _____
TYPE TREATMENT USED 300lbs. caustic soda
IS THERE A DERRICK OVER THE WELL _____ HEIGHT _____ TYPE _____
CAN TRUCK OR RIG EASILY GET TO WELL Yes
PUMP HOUSE Yes SIZE HATCH _____

CONTRACT NO. 7184 - 100

OUR WELL NO. 9 THEIR WELL NO. #15 IN TEST HOLE NO. 2

LOCATION OF THE WELL ~~XXXXXXXXXX~~ 200 Yds. North of Twitchell's Manufacturing Company on Loop

INSTALLED FOR City of Dothan

ADDRESS CITY Dothan COUNTY Houston STATE Alabama

CW-15

YEAR 1961

FORMATION LOG OF THE WELL OR TEST HOLE

STARTED TEST HOLE _____ 19____ FINISHED _____ 19____ TEST HOLE NUMBER _____

LOCATION 200Yds. North of Twitchell's Manufacturing Co. SEC. _____ TS _____ RANGE _____ ELEVATION _____

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION
0	27	Red and white clay
27	3	Red sand
30	20	White clay
50	24	Sand and clay streaks
74	21	Yellow clay
95	49	Brown muddy sand
144	10	Limerock
154	43	Limerock & sand breaks
197	51	Sandy clay
248	10	Clay
258	31	Sand and clay
289	64	Limerock & clay streaks
353	4	Rock
357	53	Limerock & clay breaks
410	118	Clay
528	6	Rock, soft & hard streaks
534	8	Sand
542	5	Sand
547	3	Rock
550	15	Sand & limerock breaks
565	13	Sand
578	10	Sand & limestone
588	16	Sand, finer
604	2	Limerock
606	4	Sand, fine
610	10	Sand, fine
620	42	Limestone
662	17	Red sand
679	20	Red sand
699	1	Hard rock
700	22	Brown sand
722	2	Lignite
724	9	Sandy clay

TOTAL DEPTH	THICKNESS EACH STRATUM	FORMATION

MUD PIT SIZE _____ FT. X _____ FT. _____ X _____ FT. DEEP

TYPE BIT USED TO CUT SAND _____

SIZE OF TEST HOLE THROUGH SAND _____

TYPE OF BIT USED TO CUT UPPER FORMATIONS _____

_____ SIZE _____

TYPE MUD PUMP USED _____

DRILLING PRESSURE IN SAND _____

TYPE OF MUD USED _____

NOTES: _____

TEST DATA

	PRELIMINARY TEST	FINAL TEST
STATIC WATER LEVEL	193'	Not shown
PUMPED G. P. M.	503GPM	708GPM
PRESSURE. POUNDS		501bs.
DRAWDOWN	131'	162'
G. P. F. D.	-4	
GUARANTEED G. P. M.	500GPM	500GPM
GUARANTEED PRESSURE	701bs.	701bs.
DATE OF TEST	5-3-61	8-22-61
		A.G.Bush, Sr.

REMARKS

DRILLER R. W. Thrailkill

FIELD SUP'T M. T. Long

APPENDIX D

SUB-SLAB SOIL GAS SAMPLING SET UP

Photo 1: Cross-sectional view of typical Vapor Pin™.

Photo 2: Typical soil gas sampling array.

APPENDIX E

LABORATORY ANALYTCAL REPORTS

APPENDIX F

WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:

2. Page 1 of 1

3. Emergency Response Phone: 800 852 8878

4. Waste Tracking Number:

5. Generator's Name and Mailing Address:

Generator's Site Address (if different than mailing address): Twitchell Techicoal Products, 4031 Ross Clark Circle, Dothan AL 36303

Generator's Phone:

6. Transporter 1 Company Name: SWS Environmental

U.S. EPA ID Number: FL0000936831

7. Transporter 2 Company Name: 6018

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Spring hill Landfill, 4945 Hwy 273, Campbellton FL 32420

U.S. EPA ID Number: 5032203773

Facility's Phone: 850 263 7100

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Diesel Impacted Soil & Debris	001	CM	10	YD	
2						
3						
4						

295

13. Special Handling Instructions and Additional Information

Profile # 408913FL

Job # PC3 807 1707

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: AS AGENT Mark Poole

Signature: [signature]

Month 8 Day 27 Year 18

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL McCLINTOCK

Signature: [signature]

Month 8 Day 27 Year 18

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator):

U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator):

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [signature]

Signature: [signature]

Month 8 Day 31 Year 18

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800 852 8878

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address): Twitchell Technical Products, 4031 Ross Clark Circle, Dothan AL 36303

Generator's Phone:

6. Transporter 1 Company Name: SWS Environmental 6018

U.S. EPA ID Number: FL0000936831

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Spring hill Landfill, 4945 (Hwy) 273, Campbellton FL 32420

U.S. EPA ID Number: SO32233773

Facility's Phone: (850) 263-7100

9. Waste Shipping Name and Description	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Diesel Impacted Soil & Debris				
2.				
3.				
4.				

14.94

13. Special Handling Instructions and Additional Information

Profile # 408913 FL

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Lisa McGregor

Signature: Lisa McGregor

Month 08 Day 06 Year 18

15. International Shipments: ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID HAWS

Signature:

Month 08 Day 06 Year 18

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

U.S. EPA ID Number:

17b. Alternate Facility (or Generator)

Facility's Phone:

Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: O Dalen

Signature: O Dalen

Month 8 Day 8 Year 18

GENERATOR

TRANSPORTER

INT'L

DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

169-BLS-C 6 10497 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800 852 8878

4. Waste Tracking Number

5. Generator's Name and Mailing Address: Twitchell, Dothan, AL

Generator's Site Address (if different than mailing address): 4031 Ross Clark Circle, Dothan AL 36303

Generator's Phone

6. Transporter 1 Company Name: SWS — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Springhill Landfill, 4945 Hwy 273, Campbellton, AL — U.S. EPA ID Number

Facility's Phone

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt/Vol
1.	Diesel Impacted Soil + Debris				
2.					
3.					
4.					

1295

13. Special Handling Instructions and Additional Information

Profile # 408913 F1

TCR 0018

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Lisa McGregor — Signature — Month 08 Day 06 Year 18

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.

Transporter Signature (for exports only)

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David Harris — Signature — Month 8 Day 1 Year 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number — U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone — Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

8/9/18

GENERATOR — TRANSPORTER — DESIGNATED FACILITY — INT'L

DESIGNATED FACILITY TO GENERATOR

169-BLS-C 6 10497 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800 852-8878

4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: T Witchell, 4031 Ross Clark Circle, Dothan, AL 36303

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: SWSES

U.S. EPA ID Number: FL0006936831

7. Transporter 2 Company Name: 6024

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Springhill Landfill, 4945 Hwy 273, Campbellton, FL

U.S. EPA ID Number: 5032233773

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Diesel Impacted Soil + Debris	1	CM	8	YD	
2						
3						
4						

8.49

13. Special Handling Instructions and Additional Information

Profile # 40893 FL

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: AS AGENT PAUL MCLINTOCK

Signature: [signature]

Month 6 Day 9 Year 18

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID HOWARD

Signature: [signature]

Month 8 Day 9 Year 18

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [signature]

Signature: [signature]

Month 8 Day 10 Year 18

DESIGNATED FACILITY TO GENERATOR

169-BLS-C 6 10497 (Rev. 9/09)

APPENDIX G

EXPOSURE DOMAIN-1 RISK CALCULATION / MODEL SHEETS

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **Chloroform**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
1.18E+03	5.9E-06	7.0E-03	1.3E-08	1.6E-05	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
67663	8.20E+00	**Chloroform**

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

Chloroform

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.69E-02	1.09E-05	3.67E-03	25	6,988	334.32	536.40	3.18E+01	7.95E+03	2.3E-05	9.8E-02

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: Chloroform

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	7,407	3.52E-03	1.44E-01	1.80E-04	8.86E-03	4.31E-05	1.96E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $\exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	1.18E+03	1.25	8.33E+01	8.86E-03	5.00E+03	1.47E+08	**5.90E-06**	6.98E-03	2.3E-05	9.8E-02

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **Chloroform**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	7.95E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.3E-08	1.6E-05

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **Carbon tetrachloride**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
56235	3.30E+00	Carbon tetrachloride

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
3.58E+03	2.8E-06	1.0E-02	3.4E-08	5.7E-05	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

Carbon tetrachloride

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
5.71E-02	9.79E-06	2.76E-02	25	7,127	349.90	556.60	4.39E+01	7.93E+02	4.2E-05	4.0E-02

END

Scenario: **Commercial**

Chemical: **Carbon tetrachloride**

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	7,716	2.64E-02	1.08E+00	1.80E-04	6.58E-03	2.04E-05	9.34E-05

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	3.58E+03	1.25	8.33E+01	6.58E-03	5.00E+03	9.90E+10	**2.81E-06**	1.01E-02	4.2E-05	4.0E-02

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **Carbon tetrachloride**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	7.93E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
3.4E-08	5.7E-05

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,4-Dioxane**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
8.37E+01	2.6E-04	2.2E-02	1.4E-08	1.7E-04	NA	NA

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
123911	4.48E+02	1,4-Dioxane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,4-Dioxane

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.74E-02	1.05E-05	4.80E-06	25	8,164	374.30	587.15	2.63E+00	1.00E+06	7.7E-06	3.0E-02

END

Scenario: Commercial

Chemical: 1,4-Dioxane

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	9,114	4.56E-06	1.87E-04	1.80E-04	1.04E-02	1.39E-02	1.10E-02

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	8.37E+01	1.25	8.33E+01	1.04E-02	5.00E+03	8.45E+06	**2.62E-04**	2.20E-02	7.7E-06	3.0E-02

END

Scenario: **Commercial**

Chemical: **1,4-Dioxane**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.00E+09	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.4E-08	1.7E-04

MESSAGE SUMMARY BELOW:

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,2-Dichloroethane**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
107062	1.99E+01	1,2-Dichloroethane

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
9.18E+02	1.2E-05	1.1E-02	2.3E-08	3.5E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,2-Dichloroethane

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.57E-02	1.10E-05	1.18E-03	25	7,643	356.65	561.00	3.96E+01	8.60E+03	2.6E-05	7.0E-03

END

Scenario: Commercial

Chemical: 1,2-Dichloroethane

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	8,368	1.13E-03	4.61E-02	1.80E-04	9.88E-03	8.62E-05	3.87E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	9.18E+02	1.25	8.33E+01	9.88E-03	5.00E+03	2.13E+07	**1.16E-05**	1.06E-02	2.6E-05	7.0E-03

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,2-Dichloroethane**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	8.60E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
2.3E-08	3.5E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,1-Dichloroethylene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75354	8.63E+03	1,1-Dichloroethylene

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
8.91E+06	4.1E-06	3.7E+01	NA	1.2E-01	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,1-Dichloroethylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.63E-02	1.10E-05	2.61E-02	25	6,247	304.75	576.05	3.18E+01	2.42E+03	0.0E+00	7.0E-02

END

Scenario: Commercial

Chemical: 1,1-Dichloroethylene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	6,299	2.52E-02	1.03E+00	1.80E-04	9.94E-03	3.00E-05	1.38E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	8.91E+06	1.25	8.33E+01	9.94E-03	5.00E+03	1.90E+07	**4.14E-06**	3.69E+01	NA	7.0E-02

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,1-Dichloroethylene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	2.42E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	1.2E-01

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

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December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,1-Dichloroethane**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75343	8.87E+01	1,1-Dichloroethane

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
1.96E+04	5.2E-06	1.0E-01	1.3E-08	3.3E-05	NA	NA

MESSAGE: Risk and/or HQ (or risk-based groundwater concentration) is based on route-to-route extrapolation.
MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	762	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,1-Dichloroethane

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.36E-02	1.06E-05	5.62E-03	25	6,895	330.55	523.00	3.18E+01	5.04E+03	1.6E-06	7.0E-01

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: 1,1-Dichloroethane

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
747	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	7,294	5.39E-03	2.21E-01	1.80E-04	9.64E-03	3.84E-05	2.66E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
747	15	1.96E+04	1.25	8.33E+01	9.64E-03	5.00E+03	3.25E+07	**5.22E-06**	1.02E-01	1.6E-06	7.0E-01

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,1-Dichloroethane**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	5.04E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.3E-08	3.3E-05

MESSAGE SUMMARY BELOW:

MESSAGE: Risk and/or HQ (or risk-based groundwater concentration) is based on route-to-route extrapolation.
MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

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December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,1,2-Trichloroethane**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
4.64E+01	1.3E-05	6.1E-04	7.9E-10	6.9E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79005	1.45E+00	1,1,2-Trichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,1,2-Trichloroethane

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.69E-02	1.00E-05	8.24E-04	25	8,322	386.15	602.00	6.07E+01	4.59E+03	1.6E-05	2.0E-04

END

Scenario: **Commercial**

Chemical: **1,1,2-Trichloroethane**

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	9,419	7.81E-04	3.20E-02	1.80E-04	7.71E-03	9.85E-05	4.36E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	4.64E+01	1.25	8.33E+01	7.71E-03	5.00E+03	2.46E+09	**1.30E-05**	6.05E-04	1.6E-05	2.0E-04

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,1,2-Trichloroethane**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	4.59E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
7.9E-10	6.9E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
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December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,1,1-Trichloroethane**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
71556	8.45E+02	1,1,1-Trichloroethane

Results Summary

Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Risk-Based Groundwater Concentration: Cancer Risk = 10^{-6} (µg/L)	Risk-Based Groundwater Concentration: Noncancer HQ = 0.1 (µg/L)
5.70E+05	3.3E-06	1.9E+00	NA	4.3E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,1,1-Trichloroethane

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.48E-02	9.60E-06	1.72E-02	25	7,136	347.24	545.00	4.39E+01	1.29E+03	0.0E+00	1.0E+00

END

Scenario: Commercial

Chemical: 1,1,1-Trichloroethane

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	7,732	1.65E-02	6.75E-01	1.80E-04	7.47E-03	2.41E-05	1.10E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	5.70E+05	1.25	8.33E+01	7.47E-03	5.00E+03	4.94E+09	**3.32E-06**	1.90E+00	NA	1.0E+00

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,1,1-Trichloroethane**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.29E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	4.3E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
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December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **Trichloroethylene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
1.99E+03	3.8E-06	7.7E-03	2.6E-09	8.7E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79016	5.17E+00	Trichloroethylene

MESSAGE: See VLOOKUP table comments on chemical properties and/or toxicity criteria for this chemical.

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.216

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

Trichloroethylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	2.0E-03

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: Trichloroethylene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.265	0.284	1.52E-09	0.844	1.28E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	8,382	9.39E-03	3.85E-01	1.80E-04	3.56E-03	2.84E-05	1.28E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	1.99E+03	1.25	8.33E+01	3.56E-03	5.00E+03	2.04E+20	**3.84E-06**	7.65E-03	4.1E-06	2.0E-03

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **Trichloroethylene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.28E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
2.6E-09	8.7E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **Tetrachloroethylene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
6.08E+03	2.7E-06	1.6E-02	7.8E-09	1.1E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
127184	8.84E+00	Tetrachloroethylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

Tetrachloroethylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	9.49E+01	2.06E+02	5.9E-06	3.5E-02

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: Tetrachloroethylene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	9,410	1.68E-02	6.88E-01	1.80E-04	5.81E-03	1.94E-05	8.89E-05

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	6.08E+03	1.25	8.33E+01	5.81E-03	5.00E+03	2.82E+12	**2.68E-06**	1.63E-02	5.9E-06	3.5E-02

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **Tetrachloroethylene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	2.06E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
7.8E-09	1.1E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

Site-specific
Indoor Worker Equation Inputs for Air

* Inputted values different from Indoor Worker defaults are highlighted.

Variable	Indoor Worker Air Default Value	Form-input Value
AT_{inw} (averaging time - indoor worker)	365	365
ED_{inw} (exposure duration - indoor worker) year	25	25
EF_{inw} (exposure frequency - indoor worker) day/year	250	250
ET_{inw} (exposure time - indoor worker) hour	8	8
THQ (target hazard quotient) unitless	0.1	1
LT (lifetime) year	70	70
TR (target cancer risk) unitless	1.0E-06	1.0E-05

Site-specific
Indoor Worker Screening Levels (RSL) for Air

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); U = User-provided

Chemical	CAS Number	Mutagen?	Volatile?	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfC (mg/m^3)	RfC Ref	Carcinogenic SL TR=1E-05 (ug/m^3)	Noncarcinogenic SL THI=1 (ug/m^3)	Screening Level (ug/m^3)
Chloroform	67-66-3	No	Yes	2.30E-05	U	9.77E-02	U	5.33E+00	4.28E+02	5.33E+00 ca*
Ethylbenzene	100-41-	No	Yes	2.50E-06	U	1.00E+00	U	4.91E+01	4.38E+03	4.91E+01 ca*
Xylene, m-	108-38-	No	Yes	-		1.00E-01	U	-	4.38E+02	4.38E+02 nc

Site-specific
Indoor Worker Risk for Air

Chemical	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfC (mg/m^3)	RfC Ref	Concentration (ug/m^3)	Carcinogenic Risk	Noncarcinogenic HI
Chloroform	2.30E-05	U	9.77E-02	U	1.81E+00	3.39E-06	4.23E-03
Ethylbenzene	2.50E-06	U	1.00E+00	U	1.40E+01	2.86E-06	3.20E-03
Xylene, m-	-		1.00E-01	U	1.02E+02	-	2.32E-01
**Total Risk/HI*	-		-		-	*6.25E-06*	*2.39E-01*

Site-specific
Outdoor Worker Equation Inputs for Air

* Inputted values different from Outdoor Worker defaults are highlighted.

Variable	Outdoor Worker Air Default Value	Form-input Value
AT_{ow} (averaging time - outdoor worker)	365	365
ED_{ow} (exposure duration - outdoor worker) yr	25	25
EF_{ow} (exposure frequency - outdoor worker) day/yr	225	225
ET_{ow} (exposure time - outdoor worker) hr	8	8
THQ (target hazard quotient) unitless	0.1	1
LT (lifetime) yr	70	70
TR (target cancer risk) unitless	0.000001	0.00001

Output generated 06SEP2018:11:51:30

Site-specific
Outdoor Worker Regional Screening Levels (RSL) for Air

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); U = User-provided

Chemical	**CAS Number**	**Mutagen?**	**Volatile?**	Inhalation Unit Risk $(ug/m^3)^{-1}$	**IUR Ref**	RfC (mg/m^3)	**RfC Ref**	Carcinogenic SL TR=1E-05 (ug/m^3)	Noncarcinogenic SL THI=1 (ug/m^3)	Screening Level (ug/m^3)
Dioxane, 1,4-	123-91-1	No	Yes	5.00E-06	U	3.00E-02	U	2.73E+01	1.46E+02	2.73E+01 ca**

Output generated 06SEP2018:11:51:30

Site-specific
Outdoor Worker Risk for Air

Chemical	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfC (mg/m^3)	RfC Ref	Concentration (ug/m^3)	Carcinogenic Risk	Noncarcinogenic HI
Dioxane, 1,4-	0.000005	U	0.03	U	5.59	0.00000205	0.0383
**Total Risk/HI*	-		-		-	*0.00000205*	*0.0383*

Output generated 06SEP2018:11:51:30

APPENDIX H

EXPOSURE DOMAIN-1 RISK CALCULATION / MODEL SHEETS

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **m-Xylene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
1.95E+04	4.0E-06	7.8E-02	NA	1.8E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108383	7.00E+01	m-Xylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.964	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

m-Xylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.84E-02	8.44E-06	7.18E-03	25	8,523	412.27	617.05	3.75E+02	1.61E+02	0.0E+00	1.0E-01

END

Scenario: **Commercial**

Chemical: **m-Xylene**

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.964	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	10,090	6.78E-03	2.78E-01	1.80E-04	7.88E-03	2.92E-05	1.34E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.964	15	1.95E+04	1.25	8.33E+01	7.88E-03	5.00E+03	1.55E+09	**4.02E-06**	7.82E-02	NA	1.0E-01

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **m-Xylene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.61E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	1.8E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **Ethylbenzene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
3.54E+03	3.9E-06	1.4E-02	2.8E-09	3.2E-06	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
100414	1.16E+01	Ethylbenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

Ethylbenzene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	4.46E+02	1.69E+02	2.5E-06	1.0E+00

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: Ethylbenzene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	9,994	7.45E-03	3.05E-01	1.80E-04	7.89E-03	2.86E-05	1.31E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	3.54E+03	1.25	8.33E+01	7.89E-03	5.00E+03	1.50E+09	**3.93E-06**	1.39E-02	2.5E-06	1.0E+00

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **Ethylbenzene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.69E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
2.8E-09	3.2E-06

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

USEPA GW-SCREEN
Version 3.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Groundwater

DATA ENTRY SHEET

Scenario: **Commercial**
Chemical: **1,2,4-Trimethylbenzene**

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

Results Summary					Risk-Based Groundwater Concentration	
Soil Gas Conc. (C_{source}) (µg/m^3)	Attenuation Factor (alpha) (unitless)	Indoor Air Conc. ($C_{building}$) (µg/m^3)	Cancer Risk	Noncancer Hazard	Cancer Risk = 10^{-6} (µg/L)	Noncancer HQ = 0.1 (µg/L)
1.89E+03	3.8E-06	7.2E-03	NA	2.3E-04	NA	NA

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
95636	8.00E+00	1,2,4-Trimethylbenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
15	503.96	SIC	24	5

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
SIC			SIC	1.38	0.481	0.1443

MORE ↓

Lookup Receptor Parameters

	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour)$^{-1}$
NEW=> Commercial	1.0E-06	0.1	70	25	25	250	8	1
	Used to calculate risk-based groundwater concentration.						(NEW)	(NEW)

END

1,2,4-Trimethylbenzene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.07E-02	7.92E-06	6.16E-03	25	9,369	442.30	649.17	6.14E+02	5.70E+01	0.0E+00	7.0E-03

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Commercial

Chemical: 1,2,4-Trimethylbenzene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
488.96	0.337	0.090	1.52E-09	0.954	1.45E-09	105.50	0.481	0.057	0.424	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
6.78E+04	1.00E+06	5.00E-03	15	11,516	5.77E-03	2.37E-01	1.80E-04	6.99E-03	2.76E-05	1.26E-04

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
488.96	15	1.89E+03	1.25	8.33E+01	6.99E-03	5.00E+03	2.27E+10	**3.79E-06**	7.17E-03	NA	7.0E-03

Warning: alpha < 6E-05 is unreasonably low.

END

Scenario: **Commercial**

Chemical: **1,2,4-Trimethylbenzene**

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	5.70E+04	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	2.3E-04

MESSAGE SUMMARY BELOW:

MESSAGE: Attenuation factor < 6E-05 is unreasonably low.

END

APPENDIX I

EXPOSURE DOMAIN-1 RISK CALCULATION / MODEL SHEETS

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	Carbon Tetrachloride				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0033	3.00E+01	3.00E+00	1.00E-04	1.92E-04	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	43.89	2.00E-03	1.43358	0.009152759

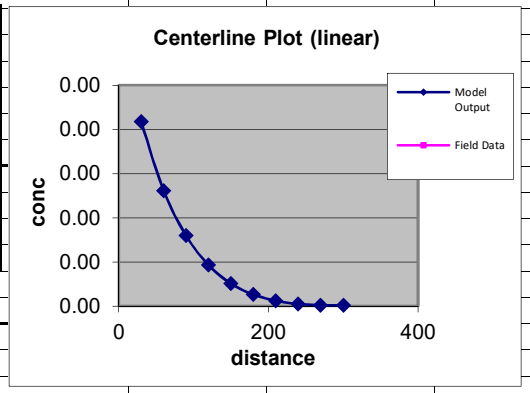
NEW QUICK_DOMENICO.XLS

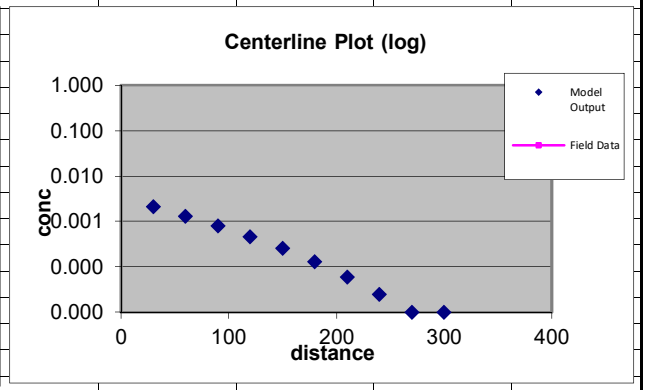
SPREADSHEET APPLICATION OF
"AN ANALYTICAL MODEL FOR
MULTIDIMENSIONAL TRANSPORT OF A
DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-50	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-100	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: **Centerline C Concentration**
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project: Twitchell

Date: 9/11/2018 Prepared by: Glenn Skawski

Contaminant: Chloroform

NEW QUICK_DOMENICO.XLS

SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

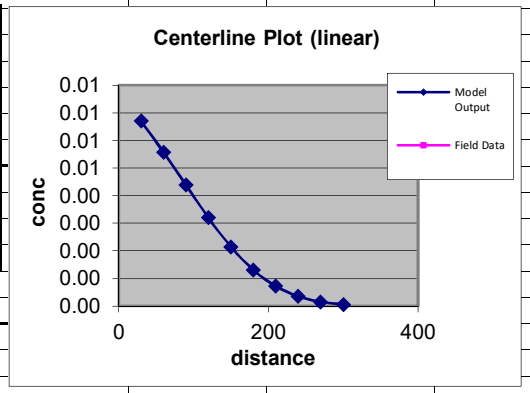
SOURCE CONC (MG/L)	Ax (ft)	Ay (ft)	Az (ft) >=.001	LAMBDA day-1	SOURCE WIDTH (ft)	SOURCE THICKNESS (ft)	Time (days) (days)
0.0082	3.00E+01	3.00E+00	1.00E-04	2.74E-05	200	55	10950

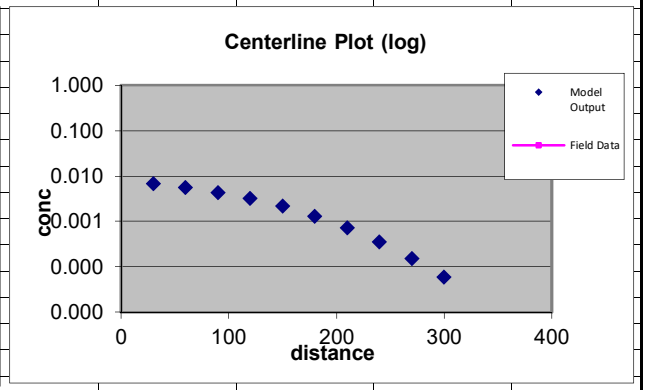
Hydraulic Cond (ft/day)	Hydraulic Gradient (ft/ft)	Porosity (dec. frac.)	Soil Bulk Density (g/cm^3)	KOC	Frac. Org. Carb.	Retard-ation (R)	V (=K*i/n*R) (ft/day)
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





AREAL MODEL	CALCULATION DOMAIN
Length (ft)	300
Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000
50	0.007	0.006	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000
0	0.007	0.006	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000
-50	0.007	0.006	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000
-100	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration

Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1-DCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0887	3.00E+01	3.00E+00	1.00E-04	4.38E-04	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm³)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

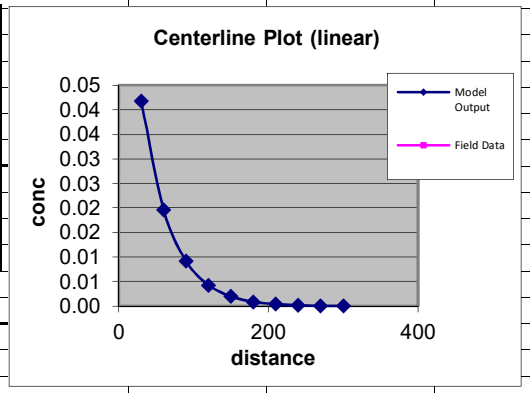
NEW QUICK_DOMENICO.XLS

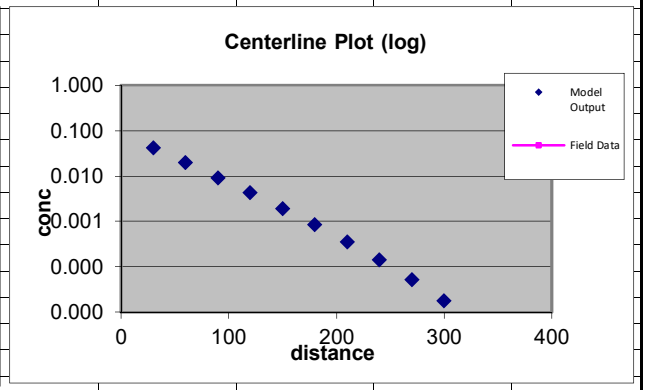
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.021	0.010	0.005	0.002	0.001	0.000	0.000	0.000	0.000	0.000
50	0.042	0.020	0.009	0.004	0.002	0.001	0.000	0.000	0.000	0.000
0	0.042	0.020	0.009	0.004	0.002	0.001	0.000	0.000	0.000	0.000
-50	0.042	0.020	0.009	0.004	0.002	0.001	0.000	0.000	0.000	0.000
-100	0.021	0.010	0.005	0.002	0.001	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,2-DCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0199	3.00E+01	3.00E+00	1.00E-04	1.92E-04	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	39.6	2.00E-03	1.3912	0.009431579

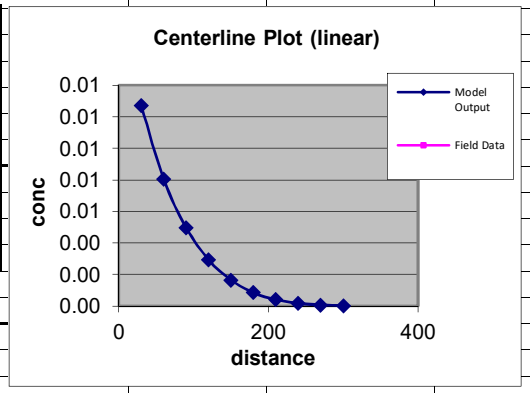
NEW QUICK_DOMENICO.XLS

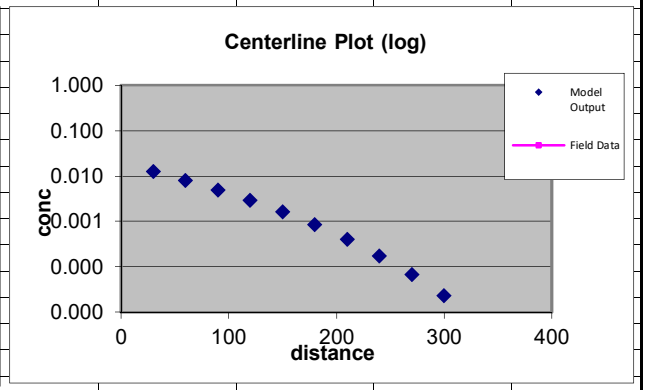
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
50	0.013	0.008	0.005	0.003	0.002	0.001	0.000	0.000	0.000	0.000
0	0.013	0.008	0.005	0.003	0.002	0.001	0.000	0.000	0.000	0.000
-50	0.013	0.008	0.005	0.003	0.002	0.001	0.000	0.000	0.000	0.000
-100	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1-DCE				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
8.63	3.00E+01	3.00E+00	1.00E-04	5.21E-04	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

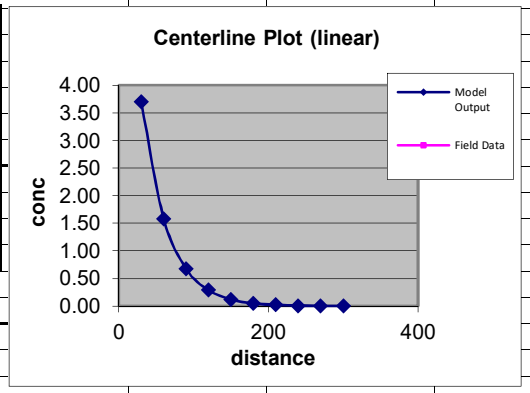
NEW QUICK_DOMENICO.XLS

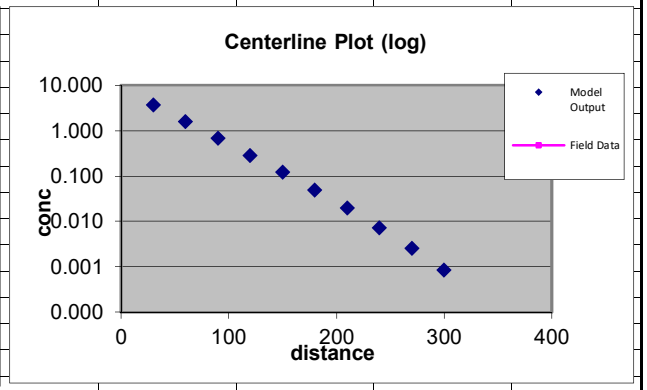
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.001
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	1.849	0.792	0.338	0.143	0.060	0.025	0.010	0.004	0.001	0.000
50	3.697	1.577	0.665	0.278	0.115	0.046	0.018	0.007	0.002	0.001
0	3.698	1.583	0.676	0.287	0.120	0.049	0.019	0.007	0.003	0.001
-50	3.697	1.577	0.665	0.278	0.115	0.046	0.018	0.007	0.002	0.001
-100	1.849	0.792	0.338	0.143	0.060	0.025	0.010	0.004	0.001	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,4-Dioxane				
SOURCE CONC (MG/L)	Ax (ft)	Ay (ft)	Az (ft) >=.001	LAMBDA day-1	SOURCE WIDTH (ft)	SOURCE THICKNESS (ft)	Time (days) (days)
0.448	3.00E+01	3.00E+00	1.00E-04	1.89E-03	200	55	10950
Hydraulic Cond (ft/day)	Hydraulic Gradient (ft/ft)	Porosity (dec. frac.)	Soil Bulk Density (g/cm^3)	KOC	Frac. Org. Carb.	Retard-ation (R)	V (=K*i/n*R) (ft/day)
4.33E-01	0.01	0.33	1.63	2.633	2.00E-03	1.026010848	0.012788571

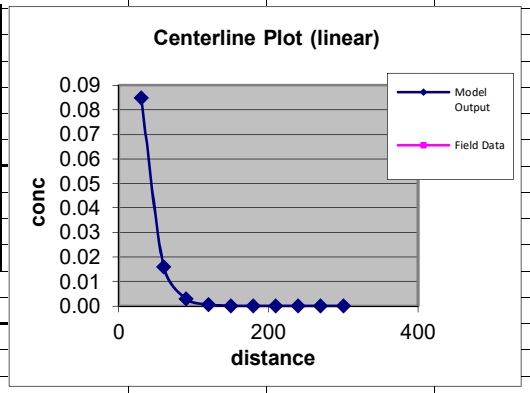
NEW QUICK_DOMENICO.XLS

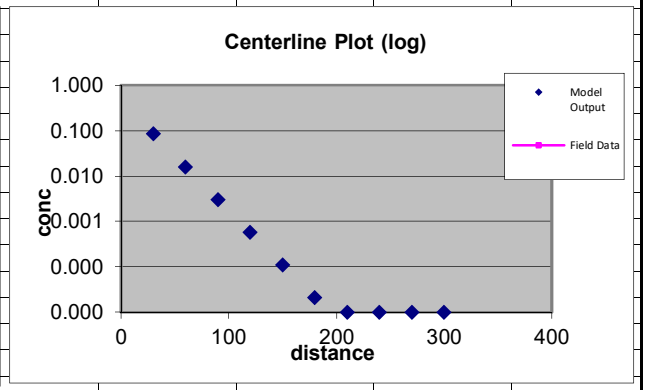
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





AREAL MODEL	CALCULATION DOMAIN
Length (ft)	300
Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.042	0.008	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.085	0.016	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
0	0.085	0.016	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
-50	0.085	0.016	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
-100	0.042	0.008	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	PCE				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.00884	3.00E+01	3.00E+00	1.00E-04	8.22E-05	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	94.94	2.00E-03	1.937892121	0.006770868

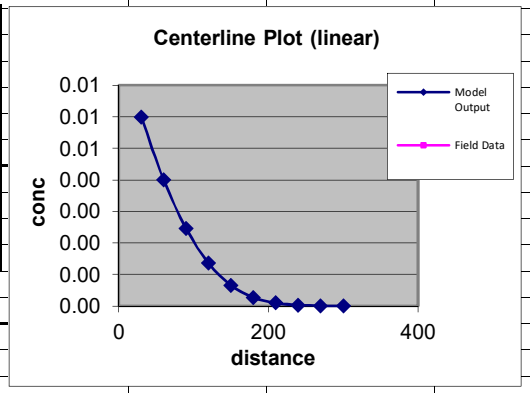
NEW QUICK_DOMENICO.XLS

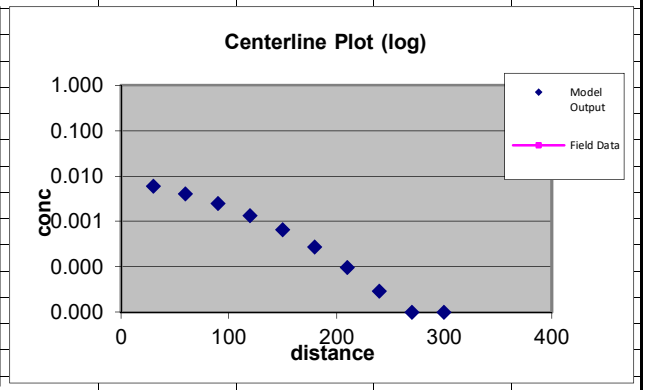
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
50	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
0	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-50	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-100	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1,1-TCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.845	3.00E+01	3.00E+00	1.00E-04	1.37E-04	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm³)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	43.89	2.00E-03	1.43358	0.009152759

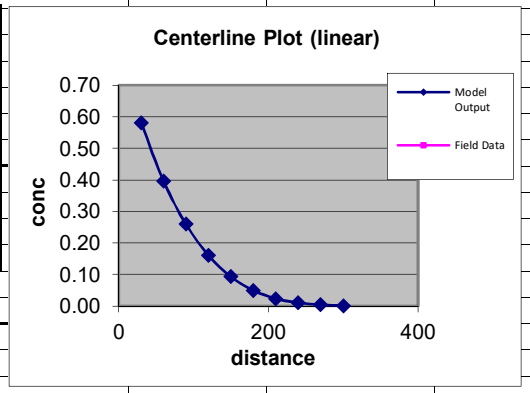
NEW QUICK_DOMENICO.XLS

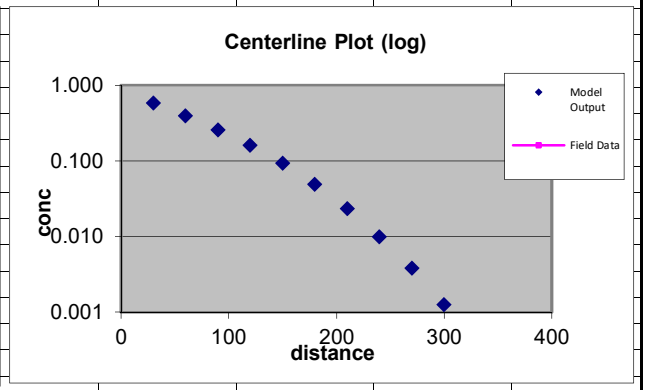
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	**0.001** mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.290	0.198	0.130	0.080	0.046	0.025	0.012	0.005	0.002	0.001
50	0.581	0.394	0.255	0.156	0.088	0.046	0.022	0.009	0.003	0.001
0	0.581	0.396	0.259	0.161	0.093	0.049	0.023	0.010	0.004	0.001
-50	0.581	0.394	0.255	0.156	0.088	0.046	0.022	0.009	0.003	0.001
-100	0.290	0.198	0.130	0.080	0.046	0.025	0.012	0.005	0.002	0.001

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1,2-TCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.00145	3.00E+01	3.00E+00	1.00E-04	8.22E-05	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	60.7	2.00E-03	1.599642424	0.008202591

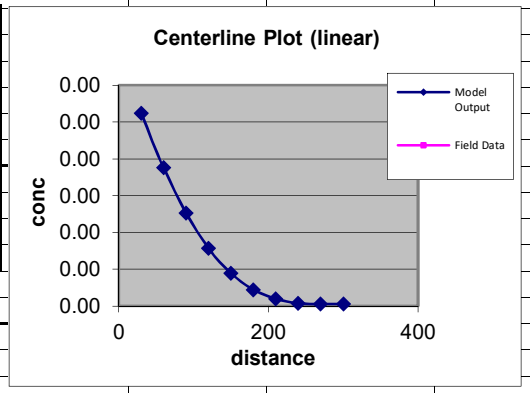
NEW QUICK_DOMENICO.XLS

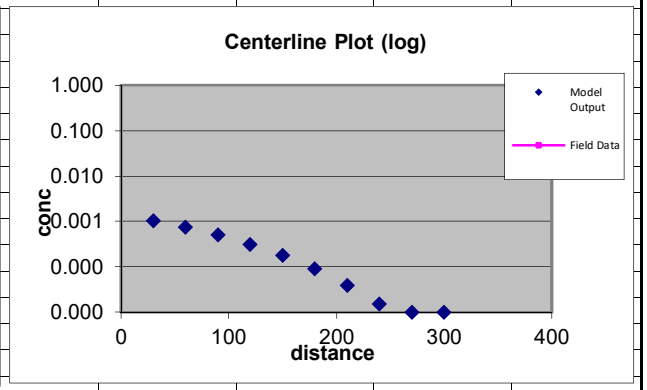
SPREADSHEET APPLICATION OF
"AN ANALYTICAL MODEL FOR
MULTIDIMENSIONAL TRANSPORT OF A
DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	**0.000** mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-50	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: **Centerline C Concentration**
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	TCE				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.00517	3.00E+01	3.00E+00	1.00E-04	5.48E-05	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	60.7	2.00E-03	1.599642424	0.008202591

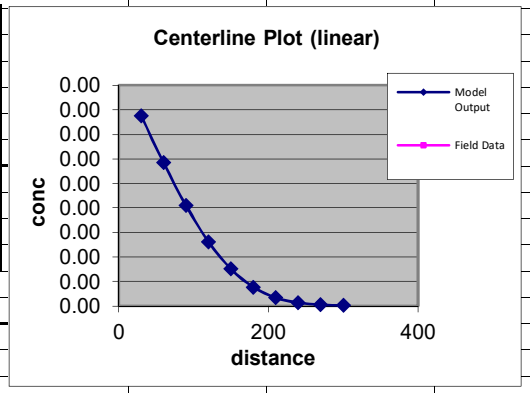
NEW QUICK_DOMENICO.XLS

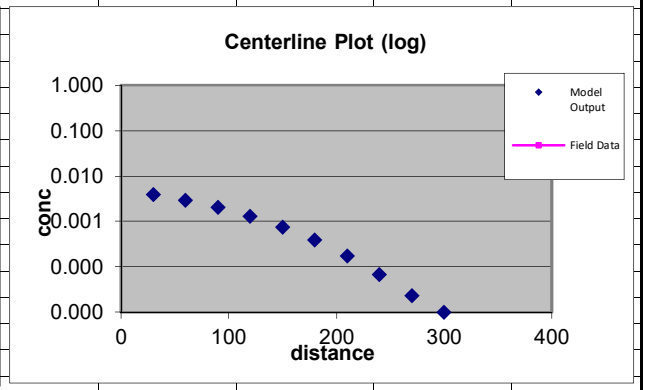
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
50	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
0	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-50	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-100	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

Site-specific
Resident Equation Inputs for Tap Water

* Inputted values different from Resident defaults are highlighted.

Variable	Resident Tap Water Default Value	Form-input Value
BW_{0-2} (mutagenic body weight) kg	15	15
BW_{2-6} (mutagenic body weight) kg	15	15
BW_{6-16} (mutagenic body weight) kg	80	80
BW_{16-26} (mutagenic body weight) kg	80	80
BW_{res-a} (body weight - adult) kg	80	80
BW_{res-c} (body weight - child) kg	15	15
$DFW_{res-adj}$ (age-adjusted dermal factor) cm^2-event/kg	2610650	2610650
$DFWM_{res-adj}$ (mutagenic age-adjusted dermal factor) cm^2-event/kg	8191633	8191633
ED_{res} (exposure duration - resident) years	26	26
ED_{0-2} (mutagenic exposure duration first phase) years	2	2
ED_{2-6} (mutagenic exposure duration second phase) years	4	4
ED_{6-16} (mutagenic exposure duration third phase) years	10	10
ED_{16-26} (mutagenic exposure duration fourth phase) years	10	10
ED_{res-a} (exposure duration - adult) years	20	20
ED_{res-c} (exposure duration - child) years	6	6
EF_{res} (exposure frequency) days/year	350	350
EF_{0-2} (mutagenic exposure frequency first phase) days/year	350	350
EF_{2-6} (mutagenic exposure frequency second phase) days/year	350	350
EF_{6-16} (mutagenic exposure frequency third phase) days/year	350	350
EF_{16-26} (mutagenic exposure frequency fourth phase) days/year	350	350
EF_{res-a} (exposure frequency - adult) days/year	350	350
EF_{res-c} (exposure frequency - child) days/year	350	350
ET_{res} (exposure time) hours/day	24	24
$ET_{event-res-adj}$ (age-adjusted exposure time) hours/event	0.67077	0.67077
$ET_{event-res-madj}$ (mutagenic age-adjusted exposure time) hours/event	0.67077	0.67077
ET_{0-2} (mutagenic dermal exposure time first phase) hours/event	0.54	0.54
ET_{2-6} (mutagenic dermal exposure time second phase) hours/event	0.54	0.54
ET_{6-16} (mutagenic dermal exposure time third phase) hours/event	0.71	0.71
ET_{16-26} (mutagenic dermal exposure time fourth phase) hours/event	0.71	0.71
ET_{res-a} (dermal exposure time - adult) hours/event	0.71	0.71
ET_{res-c} (dermal exposure time - child) hours/event	0.54	0.54
ET_{0-2} (mutagenic inhalation exposure time first phase) hours/day	24	24

ET_{2-6} (mutagenic inhalation exposure time second phase) hours/day	24	24
ET_{6-16} (mutagenic inhalation exposure time third phase) hours/day	24	24
ET_{16-26} (mutagenic inhalation exposure time fourth phase) hours/day	24	24
ET_{res-a} (inhalation exposure time - adult) hours/day	24	24
ET_{res-c} (inhalation exposure time - child) hours/day	24	24
EV_{0-2} (mutagenic events) per day	1	1
EV_{2-6} (mutagenic events) per day	1	1
EV_{6-16} (mutagenic events) per day	1	1
EV_{16-26} (mutagenic events) per day	1	1
EV_{res-a} (events - adult) per day	1	1
EV_{res-c} (events - child) per day	1	1
THQ (target hazard quotient) unitless	0.1	1
$IFW_{res-adj}$ (adjusted intake factor) L/kg	327.95	327.95
$IFWM_{res-adj}$ (mutagenic adjusted intake factor) L/kg	1019.9	1019.9
IRW_{0-2} (mutagenic water intake rate) L/day	0.78	0.78
IRW_{2-6} (mutagenic water intake rate) L/day	0.78	0.78
IRW_{6-16} (mutagenic water intake rate) L/day	2.5	2.5
IRW_{16-26} (mutagenic water intake rate) L/day	2.5	2.5
IRW_{res-a} (water intake rate - adult) L/day	2.5	2.5
IRW_{res-c} (water intake rate - child) L/day	0.78	0.78
K (volatilization factor of Andelman) L/m^3	0.5	0.5
LT (lifetime) years	70	70
SA_{0-2} (mutagenic skin surface area) cm^2	6365	6365
SA_{2-6} (mutagenic skin surface area) cm^2	6365	6365
SA_{6-16} (mutagenic skin surface area) cm^2	19652	19652
SA_{16-26} (mutagenic skin surface area) cm^2	19652	19652
SA_{res-a} (skin surface area - adult) cm^2	19652	19652
SA_{res-c} (skin surface area - child) cm^2	6365	6365
l_{sc} (apparent thickness of stratum corneum) cm	0.001	0.001
TR (target risk) unitless	0.000001	0.00001

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Site-specific
Resident Regional Screening Levels (RSL) for Tap Water

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); U = User-provided

Chemical	CAS Number	Mutagen?	Volatile?	Ingestion SF $(mg/kg\text{-}day)^{-1}$	SFO Ref	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfD (mg/kg-day)	RfD Ref	RfC (mg/m^3)	RfC Ref	GIABS	K_p (cm/hr)	MW
Carbon Tetrachloride	56-23-5	No	Yes	7.00E-02	U	6.00E-06	U	4.00E-03	U	1.00E-01	U	1.00E+00	1.63E-02	1.54E+02
Chloroform	67-66-3	No	Yes	3.10E-02	U	2.30E-05	U	1.00E-02	U	9.77E-02	U	1.00E+00	6.83E-03	1.19E+02
Dichloroethane, 1,1-	75-34-3	No	Yes	5.70E-03	U	1.60E-06	U	2.00E-01	U	-		1.00E+00	6.75E-03	9.90E+01
Dichloroethane, 1,2-	107-06-2	No	Yes	9.10E-02	U	2.60E-05	U	6.00E-03	U	7.00E-03	U	1.00E+00	4.20E-03	9.90E+01
Dichloroethylene, 1,1-	75-35-4	No	Yes	-		-		5.00E-02	U	2.00E-01	U	1.00E+00	1.17E-02	9.69E+01
Dioxane, 1,4-	123-91-1	No	Yes	1.00E-01	U	5.00E-06	U	3.00E-02	U	3.00E-02	U	1.00E+00	3.32E-04	8.81E+01
Tetrachloroethylene	127-18-4	No	Yes	2.10E-03	U	2.60E-07	U	6.00E-03	U	4.00E-02	U	1.00E+00	3.34E-02	1.66E+02
Trichloroethane, 1,1,1-	71-55-6	No	Yes	-		-		2.00E+00	U	5.00E+00	U	1.00E+00	1.26E-02	1.33E+02
Trichloroethane, 1,1,2-	79-00-5	No	Yes	5.70E-02	U	1.60E-05	U	4.00E-03	U	2.00E-04	U	1.00E+00	5.04E-03	1.33E+02
Trichloroethylene	79-01-6	Yes	Yes	4.60E-02	U	4.10E-06	U	5.00E-04	U	2.00E-03	U	1.00E+00	1.16E-02	1.31E+02

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B (unitless)	t^* (hr)	T_{event} (hr/event)	FA (unitless)	In EPD?	$DA_{event\ (ca)}$	$DA_{event\ (nc\ child)}$	$DA_{event\ (nc\ adult)}$	MCL (ug/L)	Ingestion SL TR=1E-05 (ug/L)	Dermal SL TR=1E-05 (ug/L)	Inhalation SL TR=1E-05 (ug/L)	Carcinogenic SL TR=1E-05 (ug/L)
7.78E-02	1.83E+00	7.64E-01	1.00E+00	Yes	1.40E-03	9.83E-03	1.70E-02	5.00E+00	1.11E+01	4.33E+01	9.36E+00	4.55E+00
2.87E-02	1.18E+00	4.90E-01	1.00E+00	Yes	3.16E-03	2.46E-02	4.25E-02	8.00E+01	2.51E+01	2.92E+02	2.44E+00	2.21E+00
2.58E-02	9.04E-01	3.77E-01	1.00E+00	Yes	1.72E-02	4.92E-01	8.49E-01	-	1.37E+02	1.83E+03	3.51E+01	2.75E+01
1.61E-02	9.04E-01	3.77E-01	1.00E+00	Yes	1.08E-03	1.47E-02	2.55E-02	5.00E+00	8.56E+00	1.84E+02	2.16E+00	1.71E+00
4.43E-02	8.81E-01	3.67E-01	1.00E+00	Yes	-	1.23E-01	2.12E-01	7.00E+00	-	-	-	-
1.20E-03	7.86E-01	3.28E-01	1.00E+00	Yes	9.79E-04	7.37E-02	1.27E-01	-	7.79E+00	2.28E+03	1.12E+01	4.59E+00
1.65E-01	2.14E+00	8.92E-01	1.00E+00	Yes	4.66E-02	1.47E-02	2.55E-02	5.00E+00	3.71E+02	6.53E+02	2.16E+02	1.13E+02
5.60E-02	1.41E+00	5.87E-01	1.00E+00	Yes	-	4.92E+00	8.49E+00	2.00E+02	-	-	-	-
2.24E-02	1.41E+00	5.87E-01	1.00E+00	Yes	1.72E-03	9.83E-03	1.70E-02	5.00E+00	1.37E+01	1.96E+02	3.51E+00	2.75E+00
5.11E-02	1.37E+00	5.72E-01	1.00E+00	Yes	1.48E-03	1.23E-03	2.12E-03	5.00E+00	1.18E+01	7.45E+01	9.57E+00	4.94E+00

Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	Ingestion SL Adult THQ=1 (ug/L)	Dermal SL Adult THQ=1 (ug/L)	Inhalation SL Adult THQ=1 (ug/L)	Noncarcinogenic SL Adult THI=1 (ug/L)	Screening Level (ug/L)
8.02E+01	3.40E+02	2.09E+02	4.95E+01	1.33E+02	5.12E+02	2.09E+02	7.02E+01	4.55E+00 ca*
2.01E+02	2.53E+03	2.04E+02	9.72E+01	3.34E+02	3.81E+03	2.04E+02	1.22E+02	2.21E+00 ca*
4.01E+03	5.84E+04	-	3.75E+03	6.67E+03	8.80E+04	-	6.20E+03	2.75E+01 ca
1.20E+02	2.82E+03	1.46E+01	1.30E+01	2.00E+02	4.24E+03	1.46E+01	1.36E+01	1.71E+00 ca**
1.00E+03	8.54E+03	4.17E+02	2.85E+02	1.67E+03	1.29E+04	4.17E+02	3.25E+02	2.85E+02 nc
6.02E+02	1.91E+05	6.26E+01	5.67E+01	1.00E+03	2.88E+05	6.26E+01	5.89E+01	4.59E+00 ca*
1.20E+02	2.30E+02	8.34E+01	4.06E+01	2.00E+02	3.47E+02	8.34E+01	5.03E+01	4.06E+01 nc
4.01E+04	2.51E+05	1.04E+04	8.01E+03	6.67E+04	3.78E+05	1.04E+04	8.81E+03	8.01E+03 nc
8.02E+01	1.25E+03	4.17E-01	4.15E-01	1.33E+02	1.89E+03	4.17E-01	4.16E-01	4.15E-01 nc
1.00E+01	6.89E+01	4.17E+00	2.83E+00	1.67E+01	1.04E+02	4.17E+00	3.23E+00	2.83E+00 nc

Site-specific
Resident Risk for Tap Water

Chemical	Ingestion SF $(mg/kg\text{-}day)^{-1}$	SFO Ref	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfD (mg/kg-day)	RfD Ref	RfC (mg/m^3)	RfC Ref	GIABS	K_p (cm/hr)	MW	B (unitless)	t^* (hr)	T_{event} (hr/event)	FA (unitless)
Carbon Tetrachloride	0.07	U	0.000006	U	0.004	U	0.1	U	1	0.0163	153.8	0.0778	1.83	0.764	1
Chloroform	0.031	U	0.000023	U	0.01	U	0.0977	U	1	0.00683	119.4	0.0287	1.18	0.49	1
Dichloroethane, 1,1-	0.0057	U	0.0000016	U	0.2	U	-		1	0.00675	98.96	0.0258	0.9	0.377	1
Dichloroethane, 1,2-	0.091	U	0.000026	U	0.006	U	0.007	U	1	0.0042	98.96	0.0161	0.9	0.377	1
Dichloroethylene, 1,1-	-		-		0.05	U	0.2	U	1	0.0117	96.94	0.0443	0.88	0.367	1
Dioxane, 1,4-	0.1	U	0.000005	U	0.03	U	0.03	U	1	0.00033	88.11	0.0012	0.79	0.328	1
Tetrachloroethylene	0.0021	U	2.6E-07	U	0.006	U	0.04	U	1	0.0334	165.8	0.165	2.14	0.892	1
Trichloroethane, 1,1,1-	-		-		2	U	5	U	1	0.0126	133.4	0.056	1.41	0.587	1
Trichloroethane, 1,1,2-	0.057	U	0.000016	U	0.004	U	0.0002	U	1	0.00504	133.4	0.0224	1.41	0.587	1
Trichloroethylene	0.046	U	0.0000041	U	0.0005	U	0.002	U	1	0.0116	131.4	0.0511	1.37	0.572	1
**Total Risk/HI*	-		-		-		-		-	-	-	-	-	-	-

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In EPD?	$DA_{event\ (ca)}$	$DA_{event\ (nc\ child)}$	$DA_{event\ (nc\ adult)}$	MCL (ug/L)	Concentration (ug/L)	Ingestion Risk	Dermal Risk	Inhalation Risk	Carcinogenic Risk	Ingestion Child HQ	Dermal Child HQ	Inhalation Child HQ
Yes	0.0014	0.00983	0.017	5	0.003	2.7E-09	6.92E-10	3.21E-09	6.59E-09	0.0000374	0.00000883	0.0000144
Yes	0.00316	0.0246	0.0425	80	0.0594	2.36E-08	2.04E-09	0.000000243	0.000000269	0.000296	0.0000235	0.000291
Yes	0.0172	0.492	0.849	-	0.0176	1.29E-09	9.61E-11	5.01E-09	6.4E-09	4.39E-06	3.01E-07	-
Yes	0.00108	0.0147	0.0255	5	0.0229	2.67E-08	1.24E-09	0.000000106	0.000000134	0.00019	0.00000813	0.00157
Yes	-	0.123	0.212	7	0.84	-	-	-	-	0.000838	0.0000984	0.00201
Yes	0.000979	0.0737	0.127	-	0.000026	3.34E-11	1.14E-13	2.32E-11	5.66E-11	4.32E-08	1.36E-10	4.16E-07
Yes	0.0466	0.0147	0.0255	5	0.0015	4.04E-11	2.3E-11	6.95E-11	1.33E-10	0.0000125	0.00000652	0.000018
Yes	-	4.92	8.49	200	1.26	-	-	-	-	0.0000315	0.00000504	0.000121
Yes	0.00172	0.00983	0.017	5	0.0015	1.1E-09	7.64E-11	4.27E-09	5.45E-09	0.0000187	0.0000012	0.0036
Yes	0.00148	0.00123	0.00212	5	0.0067	5.67E-09	8.99E-10	0.000000007	1.36E-08	0.000668	0.0000972	0.00161
	-	-	-	-	-	*6.12E-08*	*5.07E-09*	*0.000000369*	*0.000000435*	*0.0021*	*0.000249*	*0.00923*

Noncarcinogenic Child HI	Ingestion Adult HQ	Dermal Adult HQ	Inhalation Adult HQ	Noncarcinogenic Adult HI
0.0000606	0.0000225	0.00000586	0.0000144	0.0000427
0.000611	0.000178	0.0000156	0.000291	0.000485
0.00000469	0.00000264	0.0000002	-	0.00000284
0.00177	0.000114	0.0000054	0.00157	0.00169
0.00295	0.000503	0.0000653	0.00201	0.00258
0.000000459	2.6E-08	9.03E-11	4.16E-07	0.000000442
0.000037	0.00000749	0.00000433	0.000018	0.0000298
0.000158	0.0000189	0.00000335	0.000121	0.000143
0.00362	0.0000112	7.95E-07	0.0036	0.00361
0.00237	0.000402	0.0000645	0.00161	0.00207
0.0116	*0.00126*	*0.000165*	*0.00923*	*0.0107*

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	Carbon Tetrachloride				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0033	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	43.89	2.00E-03	1.43358	0.009152759

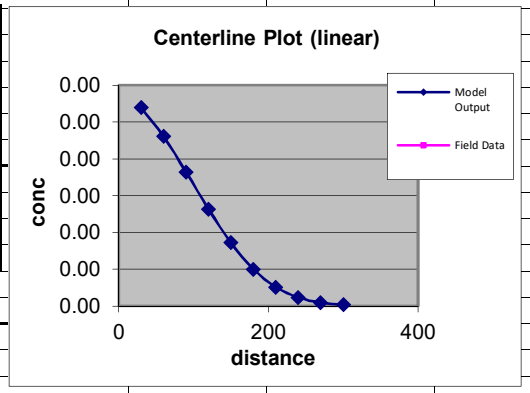
NEW QUICK_DOMENICO.XLS

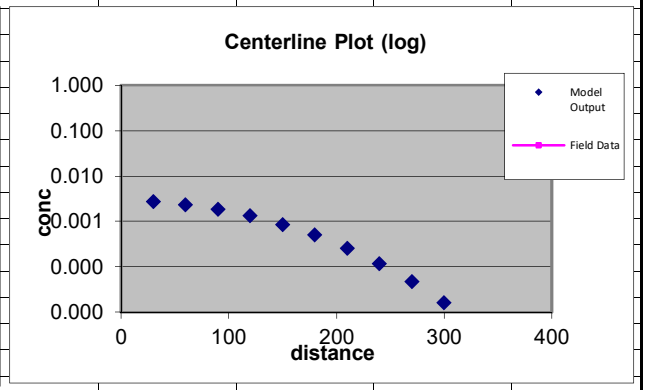
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
50	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
0	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-50	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
-100	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	Chloroform				
SOURCE CONC (MG/L)	Ax (ft)	Ay (ft)	Az (ft) >=.001	LAMBDA day-1	SOURCE WIDTH (ft)	SOURCE THICKNESS (ft)	Time (days) (days)
0.0082	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	Hydraulic Gradient (ft/ft)	Porosity (dec. frac.)	Soil Bulk Density (g/cm^3)	KOC	Frac. Org. Carb.	Retard-ation (R)	V (=K*i/n*R) (ft/day)
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

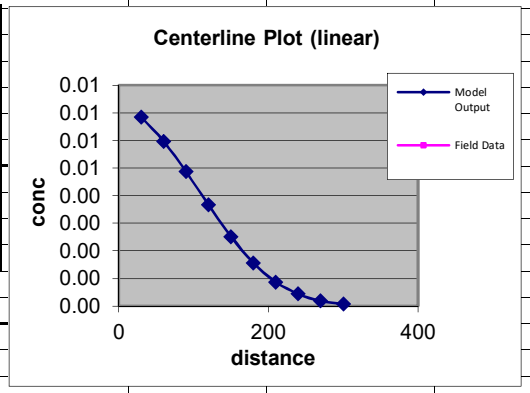
NEW QUICK_DOMENICO.XLS

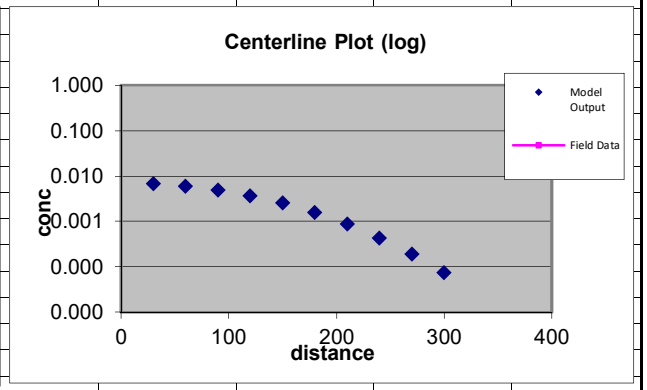
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	0.000 mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000
50	0.007	0.006	0.005	0.004	0.002	0.001	0.001	0.000	0.000	0.000
0	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0.000	0.000
-50	0.007	0.006	0.005	0.004	0.002	0.001	0.001	0.000	0.000	0.000
-100	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1-DCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0887	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

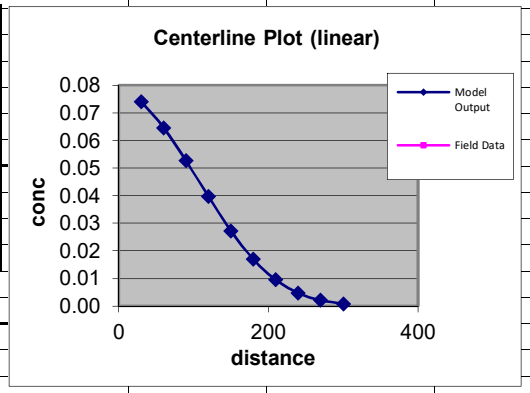
NEW QUICK_DOMENICO.XLS

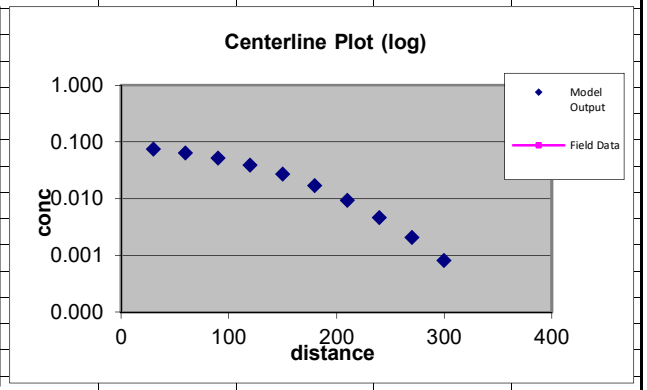
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.001
			mg/l





AREAL MODEL	CALCULATION DOMAIN
Length (ft)	300
Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.037	0.032	0.026	0.020	0.014	0.008	0.005	0.002	0.001	0.000
50	0.074	0.064	0.052	0.038	0.026	0.016	0.009	0.004	0.002	0.001
0	0.074	0.065	0.053	0.040	0.027	0.017	0.009	0.005	0.002	0.001
-50	0.074	0.064	0.052	0.038	0.026	0.016	0.009	0.004	0.002	0.001
-100	0.037	0.032	0.026	0.020	0.014	0.008	0.005	0.002	0.001	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,2-DCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.0199	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	39.6	2.00E-03	1.3912	0.009431579

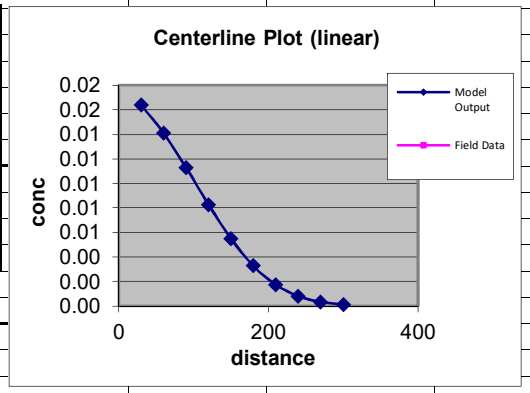
NEW QUICK_DOMENICO.XLS

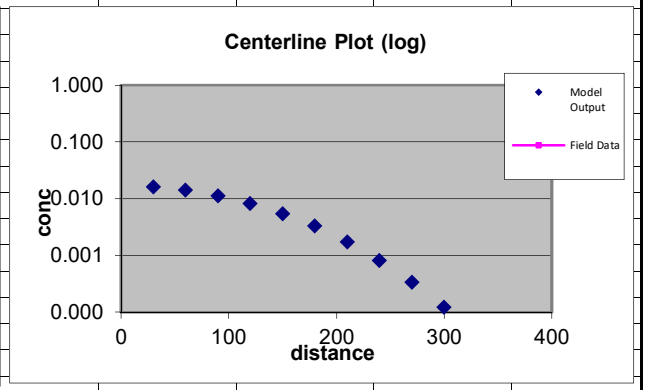
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.008	0.007	0.006	0.004	0.003	0.002	0.001	0.000	0.000	0.000
50	0.016	0.014	0.011	0.008	0.005	0.003	0.002	0.001	0.000	0.000
0	0.016	0.014	0.011	0.008	0.005	0.003	0.002	0.001	0.000	0.000
-50	0.016	0.014	0.011	0.008	0.005	0.003	0.002	0.001	0.000	0.000
-100	0.008	0.007	0.006	0.004	0.003	0.002	0.001	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1-DCE				
SOURCE CONC (MG/L)	Ax (ft)	Ay (ft)	Az (ft) >=.001	LAMBDA day-1	SOURCE WIDTH (ft)	SOURCE THICKNESS (ft)	Time (days) (days)
8.63	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	Hydraulic Gradient (ft/ft)	Porosity (dec. frac.)	Soil Bulk Density (g/cm^3)	KOC	Frac. Org. Carb.	Retard-ation (R)	V (=K*i/n*R) (ft/day)
4.33E-01	0.01	0.33	1.63	31.82	2.00E-03	1.31434303	0.009983096

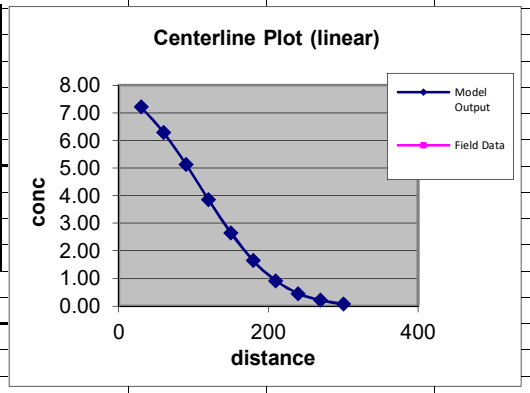
NEW QUICK_DOMENICO.XLS

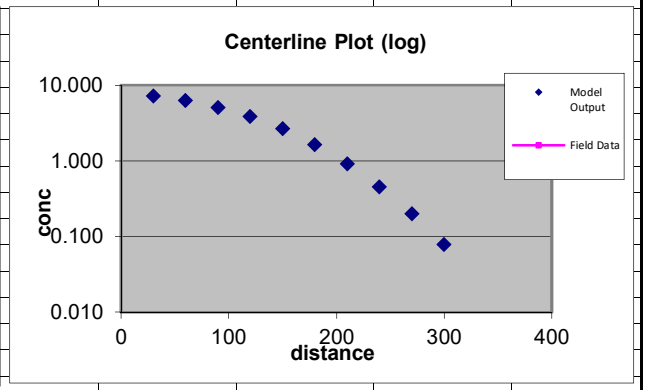
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	0.079 mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	3.609	3.144	2.564	1.931	1.328	0.826	0.461	0.230	0.102	0.040
50	7.217	6.262	5.048	3.742	2.529	1.546	0.849	0.417	0.182	0.070
0	7.217	6.289	5.128	3.861	2.653	1.648	0.918	0.456	0.201	0.079
-50	7.217	6.262	5.048	3.742	2.529	1.546	0.849	0.417	0.182	0.070
-100	3.609	3.144	2.564	1.931	1.328	0.826	0.461	0.230	0.102	0.040

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,4-Dioxane				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.448	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm³)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	2.633	2.00E-03	1.026010848	0.012788571

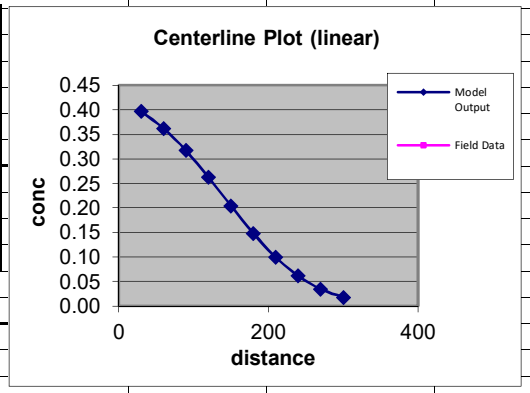
NEW QUICK_DOMENICO.XLS

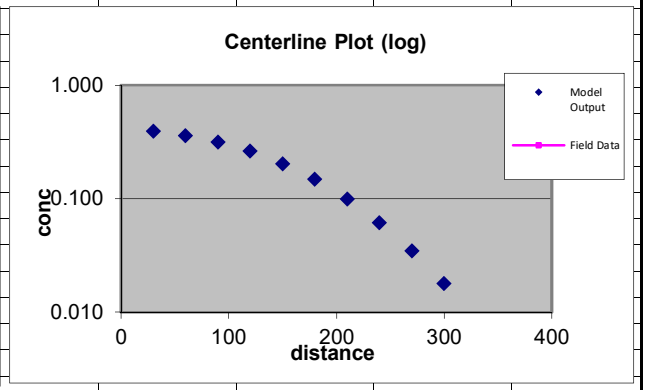
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.018 mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.198	0.181	0.158	0.131	0.102	0.074	0.050	0.031	0.017	0.009
50	0.396	0.361	0.312	0.255	0.195	0.139	0.092	0.056	0.031	0.016
0	0.396	0.362	0.317	0.263	0.204	0.148	0.099	0.061	0.035	0.018
-50	0.396	0.361	0.312	0.255	0.195	0.139	0.092	0.056	0.031	0.016
-100	0.198	0.181	0.158	0.131	0.102	0.074	0.050	0.031	0.017	0.009

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	PCE				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.00884	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	94.94	2.00E-03	1.937892121	0.006770868

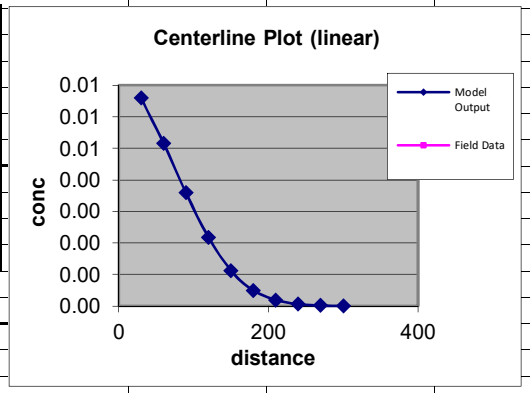
NEW QUICK_DOMENICO.XLS

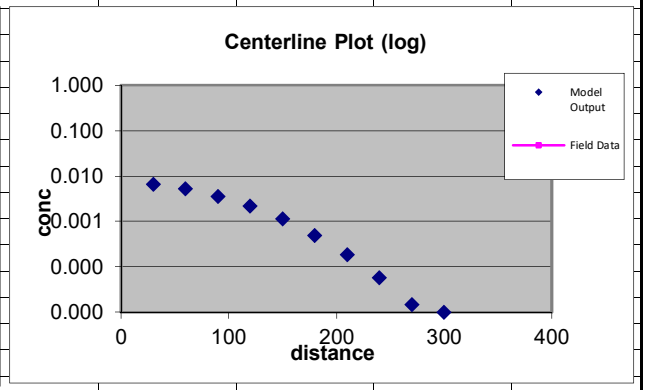
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
50	0.007	0.005	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000
0	0.007	0.005	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000
-50	0.007	0.005	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000
-100	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1,1-TCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.845	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	43.89	2.00E-03	1.43358	0.009152759

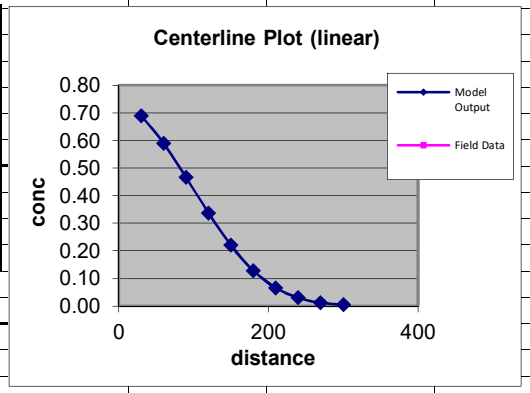
NEW QUICK_DOMENICO.XLS

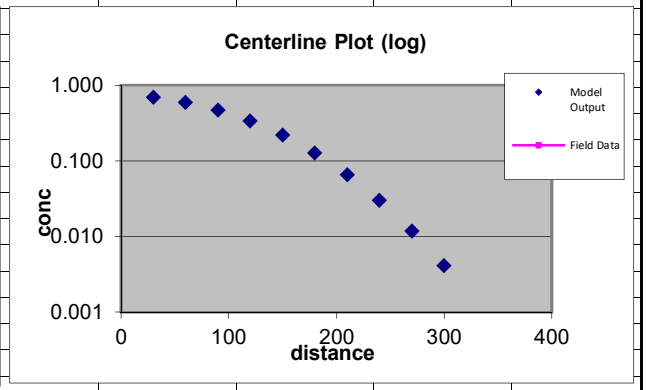
SPREADSHEET APPLICATION OF
"AN ANALYTICAL MODEL FOR
MULTIDIMENSIONAL TRANSPORT OF A
DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.004
			mg/l





AREAL MODEL	CALCULATION DOMAIN
Length (ft)	300
Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.345	0.295	0.233	0.169	0.110	0.064	0.033	0.015	0.006	0.002
50	0.691	0.587	0.459	0.327	0.210	0.120	0.061	0.027	0.011	0.004
0	0.691	0.590	0.467	0.337	0.220	0.128	0.066	0.030	0.012	0.004
-50	0.691	0.587	0.459	0.327	0.210	0.120	0.061	0.027	0.011	0.004
-100	0.345	0.295	0.233	0.169	0.110	0.064	0.033	0.015	0.006	0.002

Field Data: Centerline C Concentration
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	1,1,2-TCA				
SOURCE CONC (MG/L)	**Ax (ft)**	**Ay (ft)**	**Az (ft) >=.001**	**LAMBDA day-1**	**SOURCE WIDTH (ft)**	**SOURCE THICKNESS (ft)**	**Time (days) (days)**
0.00145	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	**Hydraulic Gradient (ft/ft)**	**Porosity (dec. frac.)**	**Soil Bulk Density (g/cm^3)**	**KOC**	**Frac. Org. Carb.**	**Retard-ation (R)**	**V (=K*i/n*R) (ft/day)**
4.33E-01	0.01	0.33	1.63	60.7	2.00E-03	1.599642424	0.008202591

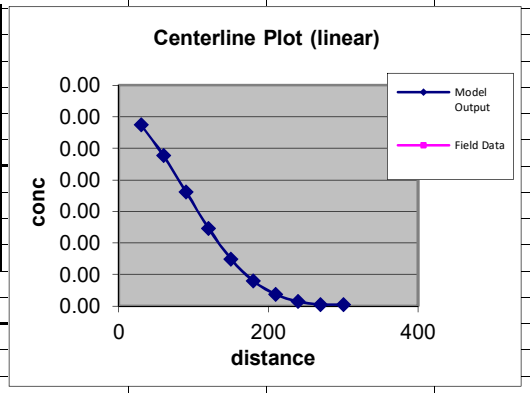
NEW QUICK_DOMENICO.XLS

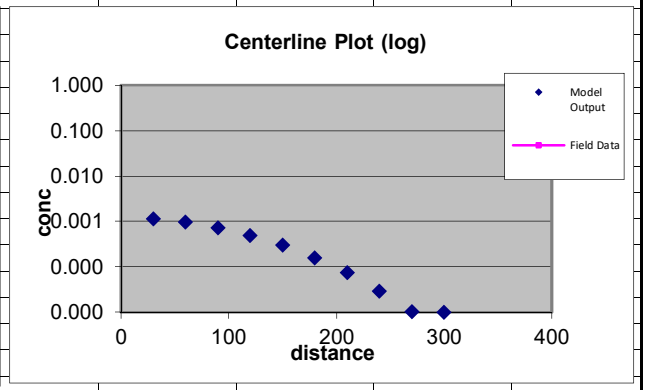
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES" P.A. Domenico (1987) Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-50	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-100	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Field Data: **Centerline C Concentration**
Distance from Source

ADVECTIVE TRANSPORT WITH THREE DIMENSIONAL DISPERSION,1ST ORDER DECAY and RETARDATION - WITH CALIBRATION TOOL

Project:	Twitchell						
Date:	9/11/2018	Prepared by:	Glenn Skawski				
		Contaminant:	TCE				
SOURCE CONC (MG/L)	Ax (ft)	Ay (ft)	Az (ft) >=.001	LAMBDA day-1	SOURCE WIDTH (ft)	SOURCE THICKNESS (ft)	Time (days) (days)
0.00517	3.00E+01	3.00E+00	1.00E-04	0	200	55	10950
Hydraulic Cond (ft/day)	Hydraulic Gradient (ft/ft)	Porosity (dec. frac.)	Soil Bulk Density (g/cm^3)	KOC	Frac. Org. Carb.	Retard-ation (R)	V (=K*i/n*R) (ft/day)
4.33E-01	0.01	0.33	1.63	60.7	2.00E-03	1.599642424	0.008202591

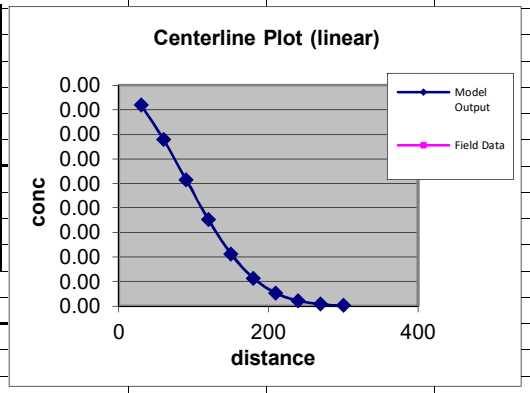
NEW QUICK_DOMENICO.XLS

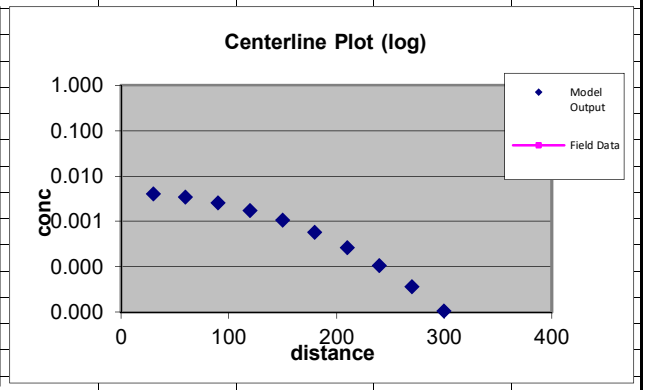
SPREADSHEET APPLICATION OF "AN ANALYTICAL MODEL FOR MULTIDIMENSIONAL TRANSPORT OF A DECAYING CONTAMINANT SPECIES"
P.A. Domenico (1987)
Modified to Include Retardation

Point Concentration

x(ft)	y(ft)	z(ft)
300	0	0

	x(ft)	y(ft)	z(ft)
Conc. At	300	0	0
at	10950	days =	
			0.000
			mg/l





	AREAL MODEL	CALCULATION DOMAIN
	Length (ft)	300
	Width (ft)	100

	30	60	90	120	150	180	210	240	270	300
100	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
50	0.004	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000
0	0.004	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000
-50	0.004	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000
-100	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000

Field Data: Centerline C Concentration
Distance from Source

Site-specific
Resident Equation Inputs for Tap Water

* Inputted values different from Resident defaults are highlighted.

Variable	Resident Tap Water Default Value	Form-input Value
BW_{0-2} (mutagenic body weight) kg	15	15
BW_{2-6} (mutagenic body weight) kg	15	15
BW_{6-16} (mutagenic body weight) kg	80	80
BW_{16-26} (mutagenic body weight) kg	80	80
BW_{res-a} (body weight - adult) kg	80	80
BW_{res-c} (body weight - child) kg	15	15
$DFW_{res-adj}$ (age-adjusted dermal factor) cm^2-event/kg	2610650	2610650
$DFWM_{res-adj}$ (mutagenic age-adjusted dermal factor) cm^2-event/kg	8191633	8191633
ED_{res} (exposure duration - resident) years	26	26
ED_{0-2} (mutagenic exposure duration first phase) years	2	2
ED_{2-6} (mutagenic exposure duration second phase) years	4	4
ED_{6-16} (mutagenic exposure duration third phase) years	10	10
ED_{16-26} (mutagenic exposure duration fourth phase) years	10	10
ED_{res-a} (exposure duration - adult) years	20	20
ED_{res-c} (exposure duration - child) years	6	6
EF_{res} (exposure frequency) days/year	350	350
EF_{0-2} (mutagenic exposure frequency first phase) days/year	350	350
EF_{2-6} (mutagenic exposure frequency second phase) days/year	350	350
EF_{6-16} (mutagenic exposure frequency third phase) days/year	350	350
EF_{16-26} (mutagenic exposure frequency fourth phase) days/year	350	350
EF_{res-a} (exposure frequency - adult) days/year	350	350
EF_{res-c} (exposure frequency - child) days/year	350	350
ET_{res} (exposure time) hours/day	24	24
$ET_{event-res-adj}$ (age-adjusted exposure time) hours/event	0.67077	0.67077
$ET_{event-res-madj}$ (mutagenic age-adjusted exposure time) hours/event	0.67077	0.67077
ET_{0-2} (mutagenic dermal exposure time first phase) hours/event	0.54	0.54
ET_{2-6} (mutagenic dermal exposure time second phase) hours/event	0.54	0.54
ET_{6-16} (mutagenic dermal exposure time third phase) hours/event	0.71	0.71
ET_{16-26} (mutagenic dermal exposure time fourth phase) hours/event	0.71	0.71
ET_{res-a} (dermal exposure time - adult) hours/event	0.71	0.71
ET_{res-c} (dermal exposure time - child) hours/event	0.54	0.54
ET_{0-2} (mutagenic inhalation exposure time first phase) hours/day	24	24

ET_{2-6} (mutagenic inhalation exposure time second phase) hours/day	24	24
ET_{6-16} (mutagenic inhalation exposure time third phase) hours/day	24	24
ET_{16-26} (mutagenic inhalation exposure time fourth phase) hours/day	24	24
ET_{res-a} (inhalation exposure time - adult) hours/day	24	24
ET_{res-c} (inhalation exposure time - child) hours/day	24	24
EV_{0-2} (mutagenic events) per day	1	1
EV_{2-6} (mutagenic events) per day	1	1
EV_{6-16} (mutagenic events) per day	1	1
EV_{16-26} (mutagenic events) per day	1	1
EV_{res-a} (events - adult) per day	1	1
EV_{res-c} (events - child) per day	1	1
THQ (target hazard quotient) unitless	0.1	1
$IFW_{res-adj}$ (adjusted intake factor) L/kg	327.95	327.95
$IFWM_{res-adj}$ (mutagenic adjusted intake factor) L/kg	1019.9	1019.9
IRW_{0-2} (mutagenic water intake rate) L/day	0.78	0.78
IRW_{2-6} (mutagenic water intake rate) L/day	0.78	0.78
IRW_{6-16} (mutagenic water intake rate) L/day	2.5	2.5
IRW_{16-26} (mutagenic water intake rate) L/day	2.5	2.5
IRW_{res-a} (water intake rate - adult) L/day	2.5	2.5
IRW_{res-c} (water intake rate - child) L/day	0.78	0.78
K (volatilization factor of Andelman) L/m^3	0.5	0.5
LT (lifetime) years	70	70
SA_{0-2} (mutagenic skin surface area) cm^2	6365	6365
SA_{2-6} (mutagenic skin surface area) cm^2	6365	6365
SA_{6-16} (mutagenic skin surface area) cm^2	19652	19652
SA_{16-26} (mutagenic skin surface area) cm^2	19652	19652
SA_{res-a} (skin surface area - adult) cm^2	19652	19652
SA_{res-c} (skin surface area - child) cm^2	6365	6365
l_{sc} (apparent thickness of stratum corneum) cm	0.001	0.001
TR (target risk) unitless	0.000001	0.00001

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Site-specific
Resident Regional Screening Levels (RSL) for Tap Water

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); U = User-provided

Chemical	CAS Number	Mutagen?	Volatile?	Ingestion SF $(mg/kg\text{-}day)^{-1}$	SFO Ref	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfD (mg/kg-day)	RfD Ref	RfC (mg/m^3)	RfC Ref	GIABS
Carbon Tetrachloride	56-23-5	No	Yes	7.00E-02	U	6.00E-06	U	4.00E-03	U	1.00E-01	U	1.00E+00
Chloroform	67-66-3	No	Yes	3.10E-02	U	2.30E-05	U	1.00E-02	U	9.77E-02	U	1.00E+00
Dichloroethane, 1,1-	75-34-3	No	Yes	5.70E-03	U	1.60E-06	U	2.00E-01	U	-		1.00E+00
Dichloroethane, 1,2-	107-06-2	No	Yes	9.10E-02	U	2.60E-05	U	6.00E-03	U	7.00E-03	U	1.00E+00
Dichloroethylene, 1,1-	75-35-4	No	Yes	-		-		5.00E-02	U	2.00E-01	U	1.00E+00
Dioxane, 1,4-	123-91-1	No	Yes	1.00E-01	U	5.00E-06	U	3.00E-02	U	3.00E-02	U	1.00E+00
Tetrachloroethylene	127-18-4	No	Yes	2.10E-03	U	2.60E-07	U	6.00E-03	U	4.00E-02	U	1.00E+00
Trichloroethane, 1,1,1-	71-55-6	No	Yes	-		-		2.00E+00	U	5.00E+00	U	1.00E+00
Trichloroethane, 1,1,2-	79-00-5	No	Yes	5.70E-02	U	1.60E-05	U	4.00E-03	U	2.00E-04	U	1.00E+00
Trichloroethylene	79-01-6	Yes	Yes	4.60E-02	U	4.10E-06	U	5.00E-04	U	2.00E-03	U	1.00E+00

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K_p (cm/hr)	MW	B (unitless)	t^* (hr)	τ_{event} (hr/event)	FA (unitless)	In EPD?	$DA_{event\ (ca)}$	$DA_{event\ (nc\ child)}$	$DA_{event\ (nc\ adult)}$	MCL (ug/L)	Ingestion SL TR=1E-05 (ug/L)
1.63E-02	1.54E+02	7.78E-02	1.83E+00	7.64E-01	1.00E+00	Yes	1.40E-03	9.83E-03	1.70E-02	5.00E+00	1.11E+01
6.83E-03	1.19E+02	2.87E-02	1.18E+00	4.90E-01	1.00E+00	Yes	3.16E-03	2.46E-02	4.25E-02	8.00E+01	2.51E+01
6.75E-03	9.90E+01	2.58E-02	9.04E-01	3.77E-01	1.00E+00	Yes	1.72E-02	4.92E-01	8.49E-01	-	1.37E+02
4.20E-03	9.90E+01	1.61E-02	9.04E-01	3.77E-01	1.00E+00	Yes	1.08E-03	1.47E-02	2.55E-02	5.00E+00	8.56E+00
1.17E-02	9.69E+01	4.43E-02	8.81E-01	3.67E-01	1.00E+00	Yes	-	1.23E-01	2.12E-01	7.00E+00	-
3.32E-04	8.81E+01	1.20E-03	7.86E-01	3.28E-01	1.00E+00	Yes	9.79E-04	7.37E-02	1.27E-01	-	7.79E+00
3.34E-02	1.66E+02	1.65E-01	2.14E+00	8.92E-01	1.00E+00	Yes	4.66E-02	1.47E-02	2.55E-02	5.00E+00	3.71E+02
1.26E-02	1.33E+02	5.60E-02	1.41E+00	5.87E-01	1.00E+00	Yes	-	4.92E+00	8.49E+00	2.00E+02	-
5.04E-03	1.33E+02	2.24E-02	1.41E+00	5.87E-01	1.00E+00	Yes	1.72E-03	9.83E-03	1.70E-02	5.00E+00	1.37E+01
1.16E-02	1.31E+02	5.11E-02	1.37E+00	5.72E-01	1.00E+00	Yes	1.48E-03	1.23E-03	2.12E-03	5.00E+00	1.18E+01

Dermal SL TR=1E-05 (ug/L)	Inhalation SL TR=1E-05 (ug/L)	Carcinogenic SL TR=1E-05 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	Ingestion SL Adult THQ=1 (ug/L)	Dermal SL Adult THQ=1 (ug/L)
4.33E+01	9.36E+00	4.55E+00	8.02E+01	3.40E+02	2.09E+02	4.95E+01	1.33E+02	5.12E+02
2.92E+02	2.44E+00	2.21E+00	2.01E+02	2.53E+03	2.04E+02	9.72E+01	3.34E+02	3.81E+03
1.83E+03	3.51E+01	2.75E+01	4.01E+03	5.84E+04	-	3.75E+03	6.67E+03	8.80E+04
1.84E+02	2.16E+00	1.71E+00	1.20E+02	2.82E+03	1.46E+01	1.30E+01	2.00E+02	4.24E+03
-	-	-	1.00E+03	8.54E+03	4.17E+02	2.85E+02	1.67E+03	1.29E+04
2.28E+03	1.12E+01	4.59E+00	6.02E+02	1.91E+05	6.26E+01	5.67E+01	1.00E+03	2.88E+05
6.53E+02	2.16E+02	1.13E+02	1.20E+02	2.30E+02	8.34E+01	4.06E+01	2.00E+02	3.47E+02
-	-	-	4.01E+04	2.51E+05	1.04E+04	8.01E+03	6.67E+04	3.78E+05
1.96E+02	3.51E+00	2.75E+00	8.02E+01	1.25E+03	4.17E-01	4.15E-01	1.33E+02	1.89E+03
7.45E+01	9.57E+00	4.94E+00	1.00E+01	6.89E+01	4.17E+00	2.83E+00	1.67E+01	1.04E+02

Inhalation SL Adult THQ=1 (ug/L)	Noncarcinogenic SL Adult THI=1 (ug/L)	Screening Level (ug/L)
2.09E+02	7.02E+01	4.55E+00 ca*
2.04E+02	1.22E+02	2.21E+00 ca*
-	6.20E+03	2.75E+01 ca
1.46E+01	1.36E+01	1.71E+00 ca**
4.17E+02	3.25E+02	2.85E+02 nc
6.26E+01	5.89E+01	4.59E+00 ca*
8.34E+01	5.03E+01	4.06E+01 nc
1.04E+04	8.81E+03	8.01E+03 nc
4.17E-01	4.16E-01	4.15E-01 nc
4.17E+00	3.23E+00	2.83E+00 nc

Site-specific
Resident Risk for Tap Water

Chemical	Ingestion SF $(mg/kg\text{-}day)^{-1}$	SFO Ref	Inhalation Unit Risk $(ug/m^3)^{-1}$	IUR Ref	RfD (mg/kg-day)	RfD Ref	RfC (mg/m^3)	RfC Ref	GIABS	K_p (cm/hr)	MW	B (unitless)	t^* (hr)	τ_{event} (hr/event)	FA (unitless)
Carbon Tetrachloride	0.07	U	0.000006	U	0.004	U	0.1	U	1	0.0163	153.8	0.0778	1.83	0.764	1
Chloroform	0.031	U	0.000023	U	0.01	U	0.0977	U	1	0.00683	119.4	0.0287	1.18	0.49	1
Dichloroethane, 1,1-	0.0057	U	0.0000016	U	0.2	U	-		1	0.00675	98.96	0.0258	0.9	0.377	1
Dichloroethane, 1,2-	0.091	U	0.000026	U	0.006	U	0.007	U	1	0.0042	98.96	0.0161	0.9	0.377	1
Dichloroethylene, 1,1-	-		-		0.05	U	0.2	U	1	0.0117	96.94	0.0443	0.88	0.367	1
Dioxane, 1,4-	0.1	U	0.000005	U	0.03	U	0.03	U	1	0.00033	88.11	0.0012	0.79	0.328	1
Tetrachloroethylene	0.0021	U	2.6E-07	U	0.006	U	0.04	U	1	0.0334	165.8	0.165	2.14	0.892	1
Trichloroethane, 1,1,1-	-		-		2	U	5	U	1	0.0126	133.4	0.056	1.41	0.587	1
Trichloroethane, 1,1,2-	0.057	U	0.000016	U	0.004	U	0.0002	U	1	0.00504	133.4	0.0224	1.41	0.587	1
Trichloroethylene	0.046	U	0.0000041	U	0.0005	U	0.002	U	1	0.0116	131.4	0.0511	1.37	0.572	1
**Total Risk/HI*	-		-		-		-		-	-	-	-	-	-	-

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In EPD?	$DA_{event\ (ca)}$	$DA_{event\ (nc\ child)}$	$DA_{event\ (nc\ adult)}$	MCL (ug/L)	Concentration (ug/L)	Ingestion Risk	Dermal Risk	Inhalation Risk	Carcinogenic Risk	Ingestion Child HQ	Dermal Child HQ	Inhalation Child HQ
Yes	0.0014	0.00983	0.017	5	0.016	1.44E-08	3.69E-09	1.71E-08	3.52E-08	0.000199	0.0000471	7.67E-05
Yes	0.00316	0.0246	0.0425	80	0.075	2.98E-08	2.57E-09	3.07E-07	0.00000034	0.000374	0.0000296	0.000368
Yes	0.0172	0.492	0.849	-	0.81	5.93E-08	4.42E-09	2.31E-07	0.000000294	0.000202	0.0000139	-
Yes	0.00108	0.0147	0.0255	5	0.12	1.4E-07	6.51E-09	5.56E-07	0.000000702	0.000997	0.0000426	0.00822
Yes	-	0.123	0.212	7	78.6	-	-	-	-	0.0783	0.0092	0.188
Yes	0.000979	0.0737	0.127	-	17.8	0.0000228	7.82E-08	0.0000158	0.0000388	0.0296	0.0000932	0.284
Yes	0.0466	0.0147	0.0255	5	0.0031	8.36E-11	4.75E-11	1.44E-10	2.75E-10	2.58E-05	0.0000135	3.72E-05
Yes	-	4.92	8.49	200	4.14	-	-	-	-	0.000103	0.0000165	0.000397
Yes	0.00172	0.00983	0.017	5	0.003	2.19E-09	1.53E-10	8.55E-09	1.09E-08	3.74E-05	2.39E-06	0.00719
Yes	0.00148	0.00123	0.00212	5	0.011	9.3E-09	1.48E-09	1.15E-08	2.23E-08	0.0011	0.00016	0.00264
	-	-	-	-	-	*0.0000231*	*9.71E-08*	*0.000017*	*0.0000402*	*0.111*	*0.00962*	*0.492*

Noncarcinogenic Child HI	Ingestion Adult HQ	Dermal Adult HQ	Inhalation Adult HQ	Noncarcinogenic Adult HI
0.000323	0.00012	0.0000313	7.67E-05	0.000228
0.000772	0.000225	0.0000197	0.000368	0.000612
0.000216	0.000121	0.0000092	-	0.000131
0.00926	0.000599	0.0000283	0.00822	0.00885
0.276	0.0471	0.00611	0.188	0.242
0.314	0.0178	0.0000618	0.284	0.302
0.0000764	1.55E-05	8.94E-06	3.72E-05	0.0000616
0.000517	0.000062	0.000011	0.000397	0.00047
0.00723	2.25E-05	1.59E-06	0.00719	0.00722
0.00389	0.000659	0.000106	0.00264	0.0034
0.612	*0.0667*	*0.00639*	*0.492*	*0.565*