

**FINAL  
CONTAMINATION SCREENING EVALUATION  
REPORT**

**STATE ROAD 52 PD&E STUDY  
FROM I-75 (SR 93) to E. of EMMAUS CEMETERY ROAD**

Pasco Work Order Number: C 3623.00  
WPI Segment Number: 408827 1

Prepared for:



**Pasco County Engineering Services Department**

**June 2005**

**In cooperation with the Florida Department of Transportation**

**FINAL  
CONTAMINATION SCREENING EVALUATION  
REPORT  
STATE ROAD 52 PD&E STUDY  
FROM I-75 (SR 93) to E. of EMMAUS CEMETERY ROAD  
IN PASCO COUNTY, FLORIDA**

Pasco Work Order Number: C 3623.00  
WPI Segment Number: 408827 1

Prepared for:

**Pasco County Engineering Services Department**

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June 2005

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## **1.0 EXECUTIVE SUMMARY**

**Nodarse & Associates, Inc. (N&A)** was contracted by WilsonMiller to complete this Contamination Screening Evaluation Report (CSER) for the State Road 52 in Pasco County, Florida. This project is being designed and constructed as a Developer Required Road Widening Project and coordinated with District 7 of the Florida Department of Transportation (FDOT). State Road 52 currently consists of a two-lane roadway within the project area and will be widened to a six-lane roadway to accommodate present and future traffic demands.

The project begins on State Road 52, just east of Interstate I-75, and terminates approximately 1.9 miles to the east of Interstate I-75. The lateral extent of the study area includes the State Road 52 corridor and the right-of-way areas. Also included are three pond areas located adjacent to the State Road 52 corridor.

The following report contains a discussion of the important terms, research methodology, project impacts, regulatory status of suspect sites where applicable, and conclusions based on the information gathered by N&A during the study.

N&A evaluated a total of 9 parcels located along the State Road 52 corridor. Of the 9 sites evaluated, 8 were given hazard ranking of no risk or low risk. Only 1 site was given a ranking of high risk, based upon a detailed review of the existing database information available for the facility. The site receiving a high risk ranking had petroleum contamination documented in the vicinity of the project area. These rankings may be adjusted depending upon the final alignment of roadway expansion and right of way requirements.

At the 1 facility ranked high due to documented petroleum contamination near the project area, additional environmental assessment activities are warranted. The additional assessment activities should consist of soil and groundwater testing, and are recommended prior to construction to determine the potential impact of this facility upon the proposed construction activities.

## **2.0 INTRODUCTION AND PROJECT DESCRIPTION**

### **2.1 Introduction**

The purpose of the Contamination Screening Evaluation is to determine if reasonable suspicions of conditions exist that may have adverse environmental impacts, and thus create environmental liability along the project corridor. This Contamination Screening Evaluation was prepared in general accordance with the Federal Highway Administration Technical Advisory 26640.8a, dated October 30, 1987, and with the FDOT Project Development and Environmental (PD&E) Manual Part Two, Chapter 22 dated October 1, 1991 (revised on December 10, 2003). Many of the elements of this requirement are also consistent with ASTM E-1527-00 Standard Practice for Phase I Environmental Site Assessments. This report identifies and evaluates known or potential contamination problems, presents recommendations concerning these potential problems, and discusses possible impacts to the proposed project area. Note that our services intentionally did not include inquiries with respect to asbestos, lead paint, radon, methane or wetlands.

The key elements of this contamination screening evaluation include:

- |             |   |
|-------------|---|
| Section 2.0 | Purpose and Project Description   |
| Section 3.0 | Description of Basic Geologic and Hydrogeologic Features within the Study Corridor Area |
| Section 4.0 | Description of Basic Methodology Utilized in the Study                                  |
| Section 5.0 | Evaluation of Project Impacts and Sites Evaluated                                       |
| Section 6.0 | Summary of Findings and Recommendations   |

### **2.2 Project Description**

The portion of State Road 52 under assessment commences just east of Interstate I-75 and terminates approximately 1.9 miles to the east of Interstate I-75, all within Pasco County, Florida. The lateral extent of the study area includes the State Road 52 corridor and the right-of-way areas. Also included are three pond locations located adjacent to the State Road 52 corridor. The project location is shown on the Project Location Map and "San Antonio, Florida" U.S.G.S. Topographic Map provided in **Appendix A**. The project corridor presently consists of a two-lane rural roadway, which is planned to be widened to a six-lane urban ultimate/four-lane suburban interim roadway. The properties adjacent to the roadway mainline consist of mostly undeveloped parcels as well as commercial and light industrial parcels.

### 2.3 Definitions

The following definitions apply to terms used throughout this report:

**Hazardous Waste:** Hazardous waste is defined by the U.S. Environmental Protection Agency (EPA) as a material exhibiting ignitable, corrosive, reactive, or toxic properties. The EPA has identified several thousand chemical compounds that possess one (1) or more of these properties. These compounds are identified as part of the EPA list of hazardous and toxic waste contained in the Code of Federal Regulation (CFR) 40, Part 261 EPA regulation. The State of Florida has adopted EPA's definition of hazardous waste as well as the EPA list of waste types. Any hazardous material that has spilled or leaked and contaminated the soil or groundwater can be considered a hazardous waste. However, petroleum products spilled or leaked and contaminating soil and groundwater is not considered a hazardous waste, and therefore, exempt from hazardous waste federal regulations.

**Potential Hazardous Waste Site:** For the purposes of this report, a potential hazardous waste site is a parcel of land upon which hazardous material are or were produced, stored or accumulated, regardless of the disposal method. Included in this category are gas stations and other businesses that store hazardous products, materials, or waste in tanks either above or underground. This definition is not meant to imply that these sites are contaminated, but that the operations conducted on them involve hazardous materials and the overall potential exists for contamination if these materials were not properly handled on these sites. This definition also does not mean that petroleum products from gas station activities fall under regulatory scrutiny within hazardous waste regulations by either the EPA or the Florida Department of Environmental Protection (FDEP).

**Contamination:** The presence of any regulated material/chemical contained within the soil, surface water or groundwater on or adjacent to Florida Department of Transportation (FDOT) property or proposed property, that may require assessment, remediation, or special handling, or that has a potential for liability. These materials would include, but not be limited to, those substances normally referred to as petroleum or petroleum products.

### 3.0 DESCRIPTION OF BASIC GEOLOGIC AND HYDROGEOLOGIC FEATURES WITHIN THE STUDY CORRIDOR AREA

According to the United States Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey of Pasco County, Florida, soils at the subject site are primarily classified as Pomona-EauGallie-Sellers. The United States Department of Agriculture (USDA) Pasco County Area Soil Survey of the project location is shown on the **Figure in Appendix B**. The SCS defines this soil map unit as follows:

*Pomona-EauGallie-Sellers - Nearly level, poorly drained and very poorly drained soils, some have subsoil that is dark colored and sandy within a depth of 30 inches and loamy below; some are sandy throughout and have a thick dark-colored surface layer.*

The geologic framework of Pasco County as described by Wetterhall (1964), is characterized by undifferentiated sand and clay to a maximum depth of 250 feet below land surface (BLS). The undifferentiated sands and clays are underlain by a thick sequence of carbonates beginning with the Tampa Formation, followed by the Suwannee Formation, Ocala Group, Avon Park Formation and Lake City Formation in descending order.

The Tampa Formation is described as white to gray, fossiliferous limestone with an extremely variable thickness due to erosional top and bottom surfaces. The Tampa Limestone is not considered a major source of water in the area.

The Suwannee Formation is described as white to yellow, fine grained, fossiliferous limestone and, including the Tampa Formation, may be present in excess of 300 feet thick. Most domestic and many irrigation wells produce from the lower part of the Suwannee Limestone.

The Ocala Group varies from soft chalky white to tan coquinoïd limestone in the upper zones to hard, fossiliferous, brown to gray dolomitic limestone toward the base. The base of the Ocala Group is highly permeable and yields large quantities of water for the area. The Ocala Group has been measured in excess of 150 feet thick in the study area.

The Avon Park and Lake City Formations are characterized by soft to hard fossiliferous, brown limestone with dark brown beds of dolomitic limestone. The lithology of the two formations is very similar. The thickness of the Avon Park limestone in Pasco County ranges from 50 to 500 feet. The upper zone of the Avon Park, commonly dolomitic, is highly permeable and yields large quantities of water.

The thickness of the Lake City formation is about 500 feet in Pasco County and highly permeable yielding large quantities of water. The Lake City formation is not commonly used as a potable water source due to its depth.

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The principal, and in places, only water producing aquifer in Pasco County is the Floridan aquifer which comprises all or part of the Lake City, Avon Park, Ocala Group, Suwannee and Tampa Formations. A surficial aquifer may be present in the undifferentiated sands and clay where conditions permit (i.e. confining units competent enough to impede downward percolation of rainwater for a significant length of time).

The geology of the area results in erratic and variable groundwater movement in regards to both direction and flow velocity. According to Wetterhall (1964), horizontal layering and vertical jointing of the limestones result in varying horizontal and vertical permeabilities. Differences in permeability are reflected in the amount of water that can be produced from a given zone. Relative water levels from one location to another are dependent on screen interval within the same aquifer system.



#### **4.0 DESCRIPTION OF BASIC METHODOLOGY UTILIZED IN THE STUDY**

An evaluation of properties within the State Road 52 corridor was conducted to evaluate the presence of hazardous waste, hazardous materials, or petroleum products with the potential to cause contamination that may adversely impact future roadway construction. The study area commences just east of Interstate I-75 and terminates approximately 1.85 miles to the east of Interstate I-75. The lateral extent of the study area includes the State Road 52 corridor and the right-of-way areas. Also included are three pond areas located adjacent to the State Road 52 corridor. This evaluation consisted of the following tasks:

- Conducting research of environmental regulatory agency files including the FDEP and Pasco County to obtain information on environmental permits or permitted activities within the corridor area.
- Conducting interviews with site owners and/or users where possible to assist in developing the site risk rating.
- Contacting the Pasco County Health Department and the FDEP for information relating to underground storage tanks and possible hazardous waste sites within the project corridor limits.
- Collating all data information obtained in the research and reconnaissance activities, and assigning a hazardous waste potential risk rating for each parcel of land within the proposed project limits based upon on-site activities.

The regulatory database research previously discussed includes a review of pertinent and available information regarding possible environmental concerns on or near the State Road 52 corridor area. The database research includes an evaluation of the following databases:

1. National Priorities List (NPL) - The NPL is an inventory of facilities and/or locations with confirmed environmental contamination. These sites fall under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA) and are often referred to as "Superfund" sites. The NPL is maintained by the Environmental Protection Agency (EPA) and allows them to rank those sites according to the extent of environmental health and safety concerns and schedule them for remedial action.
2. Facility Index System List (FINDS) - The FINDS database is a centralized file of facilities regulated by the major environmental programs within the EPA. The FINDS list is concerned with operations conducted at sites and indicates the potential for environmental problems due to these operations. It contains basic facility information such as name, address and the EPA identification number. It also "points to" or identifies specific EPA databases which contain environmental information on a given facility. Source

identifications are provided to enable locating a specific facility record within the EPA database(s) indicated by the FINDS data.

3. Comprehensive Environmental Response, Compensation, and Liability Act Index (CERCLIS) - CERCLIS is an identification of those facilities and/or locations that are currently being investigated by the EPA or associated state environmental agencies to ascertain the presence of potential or existing contamination. Preliminary site assessments are normally conducted by either the EPA or the appropriate state environmental agency for all sites included in CERCLIS. Many of the sites investigated through CERCLA will be placed on NPL for remedial action and will be included in the Sites Enforcement Tracking System (SETS) for identification of potential liability.
4. Site Enforcement Tracking System (SETS) - SETS was created by EPA to identify parties with potential financial responsibility for remediation of uncontrolled hazardous waste sites. The SETS data includes the potentially responsible person name and address, a company contact person, the date the notice was issued, and the related CERCLA site name and identification number.
5. RCRA Administration Action Tracking System (RAATS) - The RAATS database provides information regarding RCRA (Resource Conservation and Recovery Act) violators and the results of any action taken by the EPA against the violator.
6. Toxic Release Inventory System (TRIS) - Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Public Law 99-499) requires EPA to establish an inventory of toxic chemical emissions from certain facilities. The purpose of Section 313 is to inform the public of the presence of chemicals in their communities and releases of these chemicals into the community.

The purpose of this reporting requirement is to inform the public and government officials about routine and accidental releases of toxic chemicals to the environment. The reporting requirement applies to owners and operators of facilities that have 10 or more full-time employees that are in Standard Industrial Classification (SIC) codes 20 through 39 (i.e., manufacturing facilities) and that manufacture (including importing), process or otherwise use a listed toxic chemical in excess of specified threshold quantities.

7. Emergency Response Notification System List (ERNS) - The ERNS is a national computer database used to store information on releases of oil and hazardous substances. The ERNS list identifies those facilities and/or locations that have been reported to EPA under the ERNS because of the release of potentially hazardous material.

The ERNS database is extremely limited in the locational information provided. This database attempts to identify three locations: the location of the spill, the location of the discharge organization, and the location of the individual or organization that reported the spill.

8. Resource Conservation and Recovery Act Index System List (RCRIS) - The RCRIS list reports those facilities and/or locations that are handling, storing or transporting hazardous substances or waste. Due to the activities relating to the handling of hazardous substances or waste, these sites possess the potential for environmental contamination. Inclusion on RCRIS does not necessarily indicate contamination but rather the potential due to the presence and handling of hazardous substances.
9. Florida Sites List (FSL) - The FSL is closely associated with the CERCLIS list and identifies facilities and/or locations that the Florida Department of Environmental Protection has recognized with potential or existing environmental contamination.
10. Solid Waste Facilities (SWF) - The SWF List is concerned with the handling of solid waste. The presence of a site on this list does not necessarily indicate existing environmental contamination but rather the potential.
11. Leaking Underground Storage Tanks (LUST) - The LUST database is concerned with petroleum storage systems and includes facilities and/or locations that have reported the possible release of contaminants.
12. Stationary Tank Inventory System List (STI) - The Florida Administrative Code requires the registration of underground and above-ground stationary petroleum storage tanks. Inclusion on this list indicates the presence of stationary petroleum storage tanks and therefore the potential for environmental problems.

Site reconnaissance activities of the State Road 52 project corridor included a review of:

- Structures
- Potential sources of surface contamination
- Potential sources of airborne contamination
- Potential sources of waterborne contamination
- Tenant activities and general conditions

The assignment of a risk priority was based on the existence of a hazardous materials or petroleum products and the potential of the material/product to be encountered during proposed roadway expansion activities. The rating system developed by the FDOT as part of the PD&E process, expresses the likelihood that hazardous material or petroleum products exist and the potential impact

on roadway construction.

The hazardous material rating system is divided into four (4) degrees of risk as defined by the FDOT in the PD&E manual. These include no risk, low, medium and high potential for risk. A brief description of each risk rating includes the following:

- |                    |   |
|--------------------|---|
| <b>No Risk</b>     | After review of available information and a limited site visit, there is no indication that hazardous waste or materials would impact construction of the proposed project. This does not preclude the possibility that hazardous waste or materials could have been handled on a site, only that information collected during this investigation suggests that hazardous waste has not historically existed on the site, and, therefore should not be expected to impact the proposed project. |
| <b>Low Risk</b>    | Implies that hazardous waste or materials existed or currently exist on-site, but there is no reason to believe that there would be any involvement with this waste or materials during roadway construction activities.  |
| <b>Medium Risk</b> | Known or suspected soil or groundwater contamination is indicated to exist, but will not likely require remediation or monitoring. However, a possibility does exist that hazardous waste or materials may create problems during roadway construction activities.  |
| <b>High Risk</b>   | Known hazardous materials or waste was stored or handled on the site and/or soil or groundwater contamination exists that is likely to have an impact on roadway construction activities. Further assessment will be required to determine the extent and level of contamination as it would impact the potential roadway construction project.   |

## 5.0 EVALUATION OF PROJECT IMPACTS AND SITES EVALUATED

### 5.1 Site Reconnaissance and Interviews

A walking site reconnaissance was conducted of the project area starting from the eastern end of the project area moving toward the western end of the project area. A view looking west, from the east side of the project area can be seen as **Photo 1 in Appendix F**. Stormwater swales are located along the north and south sides of State Road 52. Overhead power lines are present on the south side of State Road 52 and cross over to the north side of the road at various intervals. Pole mounted transformers are also located along the south side of State Road 52. No signs of leaks or staining were noted on or around any of the transformers. No labels identifying poly-chlorinated biphenyl (PCB) containing oils were observed.

The eastern end of the project area is bounded to the north by primarily residential properties and two church properties. The San Antonio Community Church is located at 31251 State Road 52 and the Piney Grove Church is located at 31027 State Road 52. A small mobile home community located to the north of State Road 52 near the eastern end is shown in **Photo 2 in Appendix F**. A culvert for Bayou Branch creek runs beneath the roadway near the central portion of the project area. A view looking west at this portion of the roadway is included as **Photo 3 in Appendix F**. The eastern portion of the project area is bounded to the south by partially wooded land and pastureland. **Photo 4 in Appendix F** provides a typical view of the area south of State Road 52 and shows the location of proposed stormwater pond C-1.

Rack-It Truck Racks, Inc., is located at 30904 State Road 52. This facility manufactures truck rack systems. According to the company owner, Mr. David Graham, the property was formerly occupied by Ralard Printers, Inc. During that time, there was an underground storage tank that was removed by the previous property owner. Prior to Ralard, the site was occupied by a chicken hatchery. A view of the former Ralard Printers facility is shown in **Photo 5 in Appendix F**.

Cattle pastureland is present to the north and south sides of State Road 52, west of the Rack-It facility. A view of the pastureland located to the north of State Road 52 is provided as **Photo 6 in Appendix F**. A view of a pastureland located south of State Road 52 can be seen in **Photo 7 in Appendix F**. A view looking east, along State Road 52, near the central portion of the project area is shown in **Photo 8 in Appendix F**. A view of the proposed stormwater pond B-1 is included as **Photo 9 in Appendix F**.

A sewer lift station is located near the southeast corner of McKendree Road and State Road 52 near the central portion of the project area. The lift station is operated by a generator that is powered with diesel fuel stored in an aboveground storage tank. No signs of a petroleum leak or discharge were noted on or around the storage tank. A view of the lift station is provided as **Photo 10 in Appendix F**.



Marathon Coach, Inc. is located at 11623 Corporate Lake Boulevard, just north of State Road 52 near the central portion of the project area. According to the facility's Director of Operations, Mr. Matthew Matlach, this facility customizes buses, vans, and recreational vehicles. The facility does store new and used oil and antifreeze for routine vehicle servicing. These chemicals are stored at the far north end of the facility on a concrete floor. A view of the Marathon Coach facility can be seen in **Photo 11 in Appendix F**.

Uradco Place is a paved road which intersects the north side of State Road 52, west of the Marathon Coach facility. Fresco Lane is an unpaved roadway that intersects the north side of State Road 52, west of Uradco Lane. Pasco Road is a paved road that intersects the north side of State Road 52, west of Fresco Lane. Undeveloped land with wetland type areas are present on the south side of State Road 52 in this central portion of the project area. A former truck stop facility previously occupied the northwest corner of State Road 52 and Pasco Road. This parcel has been cleared and some asphalt debris remains at the site. A view of this parcel is provided as **Photo 12 in Appendix F**.

The Flying J Travel Plaza is located at 29933 State Road 52, near the western end of the project area. This facility is a retail gasoline station. A view of the diesel fueling islands is shown as **Photo 13 in Appendix F**. A view of the gasoline fueling islands is shown as **Photo 14 in Appendix F**. The location of the former Chevron gasoline station previously located on the northeast corner of Interstate 75 and State Road 52 is shown on **Photo 15 in Appendix F**.

Undeveloped, partially wooded land is present on the south side of State Road 52 at the western end of the project area. A view of this land is provided as **Photo 16 in Appendix F**. A view looking south at the proposed location of stormwater pond A-1 is shown in **Photo 17 in Appendix F**. A view looking east along the northern side of State Road 52, from the western end of the project area is provided as **Photo 18 in Appendix F**.

## **5.2 Aerial Photograph Review**

Aerial photographs for the years 1965, 1974, 1985, 1995, and 2001 were obtained from the Pasco County Design Department located at the 7530 Little Road in New Port Richey, Florida to check for visual evidence of land use activities that may indicate a potential adverse environmental impact upon the Subject Property. Based upon our review, the following observations are provided:

- 1965** State Road 52 is present and appears as it does today. All of the properties to the south appear as pastureland. McKendree Road appears to the south of State Road 52 as a dirt road. The lift station that is present today does not appear. The only development present on the north side of State Road 52 consists of a scattering of residential properties. The remaining properties to the north of State Road 52 appear as partially wooded undeveloped parcels.

- 1974 A small gasoline station appears at the northeast corner of Interstate 75 and State Road 52. The underground storage tanks appear to be located on the southeast portion of the property, east of the pump islands. The property located at 30904 State Road 52, near the eastern end of the project area and where Rack-It Truck Racks, Inc., is today, appears developed as it is today with a warehouse type building and associated paved parking areas. The property is identified as the Wallace Hatchery, Inc. A few additional residential parcels appear to the north of State Road 52. The remaining properties adjacent to State Road 52 within the project area appear as they do in 1965.
- 1985 The gasoline station located at the northeast corner of Interstate 75 and State Road 52 is still present and is identified as Chevron, USA, Inc. The property to the northwest of State Road 52 and Old Pasco Road (where the Flying J gasoline station is today) appears as a small truck stop and is identified as Roberts. The underground storage tanks appear to be located on the north side of the property. A few additional residential parcels appear to the north of State Road 52. The remaining properties adjacent to State Road 52 within the project area appear as they do in 1974.
- 1995 The Chevron gasoline station and most of the small truck stop located on the north side of State Road 52 near the western end of the project area are no longer present and the Flying J property appears as it does today. Corporate Lake Boulevard appears as a paved road on the north side of State Road 52 near the central portion of the project area. The lift station located near the southeast corner of McKendree Road and State Road 52 now appears. The remaining properties adjacent to State Road 52 within the project area appear as they do in 1985.
- 2001 The Marathon Coach property located at 11623 Corporate Lakes Boulevard appears as it does today. Uradco Place appears as a paved road north of State Road 52 near the central portion of the project area. The remaining properties adjacent to State Road 52 within the project area appear as they do in 1995.

### 5.3 Regulatory Research

N&A personnel evaluated a total of 9 parcels located along the State Road 52 corridor within the limits of the project area. A site vicinity map indicating the approximate location of the 9 parcels evaluated may be found in **Appendix C**. A listing of the sites evaluated along with the site's assigned number, hazard ranking, facility address, facility identification number, and the type of activity encountered on-site is provided in **Table 1** in **Appendix D**. A summary of all sites which currently or previously had petroleum underground storage tanks active on-site is contained in **Table**

**2 in Appendix D.** Information regarding the status of the tanks and the size and type of fuels stored within those tanks is also noted in **Table 2.**

The sites were evaluated based on interviews with persons knowledgeable about the individual sites, and inquiries to city, county and state regulatory agencies. In addition, database research was obtained in the form of an Environmental FirstSearch Report prepared by the FirstSearch Technology Corporation. A copy of the database research prepared for the corridor may be found in **Appendix E.**

Upon completion of the initial evaluation for each of the 9 parcels, a site hazard ranking was established for all parcels evaluated. Of the 9 sites, 8 were given hazard ranking of low risk as defined in previous Section 4.0. Only 1 site was given a hazard ranking of high risk, based upon a detailed review of the existing regulatory database information available for the facility. The facility given a hazard ranking of high risk had a documented historical petroleum discharge which may have adversely impacted the subject corridor.

In most cases, sites receiving a low risk hazard ranking were sites with registered underground petroleum storage tanks, with no records within the databases researched indicating spills or discharges which may have adversely impacted the proposed corridor. Further information pertaining to the sites assigned a low risk hazard ranking can be found within **Table 1** and **Table 2** in **Appendix D.** Database information obtained during regulatory file review for each of the underground storage tank sites may be found in **Appendix G.** The information contained within **Appendix G** is the only or most recently generated data regarding assessment activities or inspections conducted at underground storage tank facilities. All of this information was provided by either Pasco County or the FDEP. The following is a brief description of the one site assigned a hazard ranking of high risk:

**Former Chevron #47132-POLK - 8799 State Road 52 (Site No. 2) - HIGH RISK -**

This facility is registered with the FDEP as Facility #518515028. In 1986, a total of 6 USTs were removed from the site and 4 new USTs were installed. In 1991, the 4 USTs were removed from the site. A petroleum discharge was discovered at the facility on July 6, 1988 and was reported to the FDEP. On June 11, 1990, the site was found eligible for State administered cleanup under the FDEP's Early Detection Incentive (EDI) program. It does not appear that any formal assessment or remediation activities have been undertaken at this facility and petroleum impacted soil and/or groundwater may still be present at the site. The site has a priority ranking score of 6 and the FDEP is presently funding site with scores of 31 or greater. When funding becomes available for this facility, assessment and remediation activities will be initiated by the FDEP. This facility was formerly located just north of Station 100+00. The property now consists of a vacant parcel (see **Photo 15** in **Appendix F**). Based on the proximity to State Road 52, the lack of formal assessment or remediation activities, and the potential for petroleum impacted soil and/or groundwater to be present, this site was assigned a hazard ranking of **High risk.**



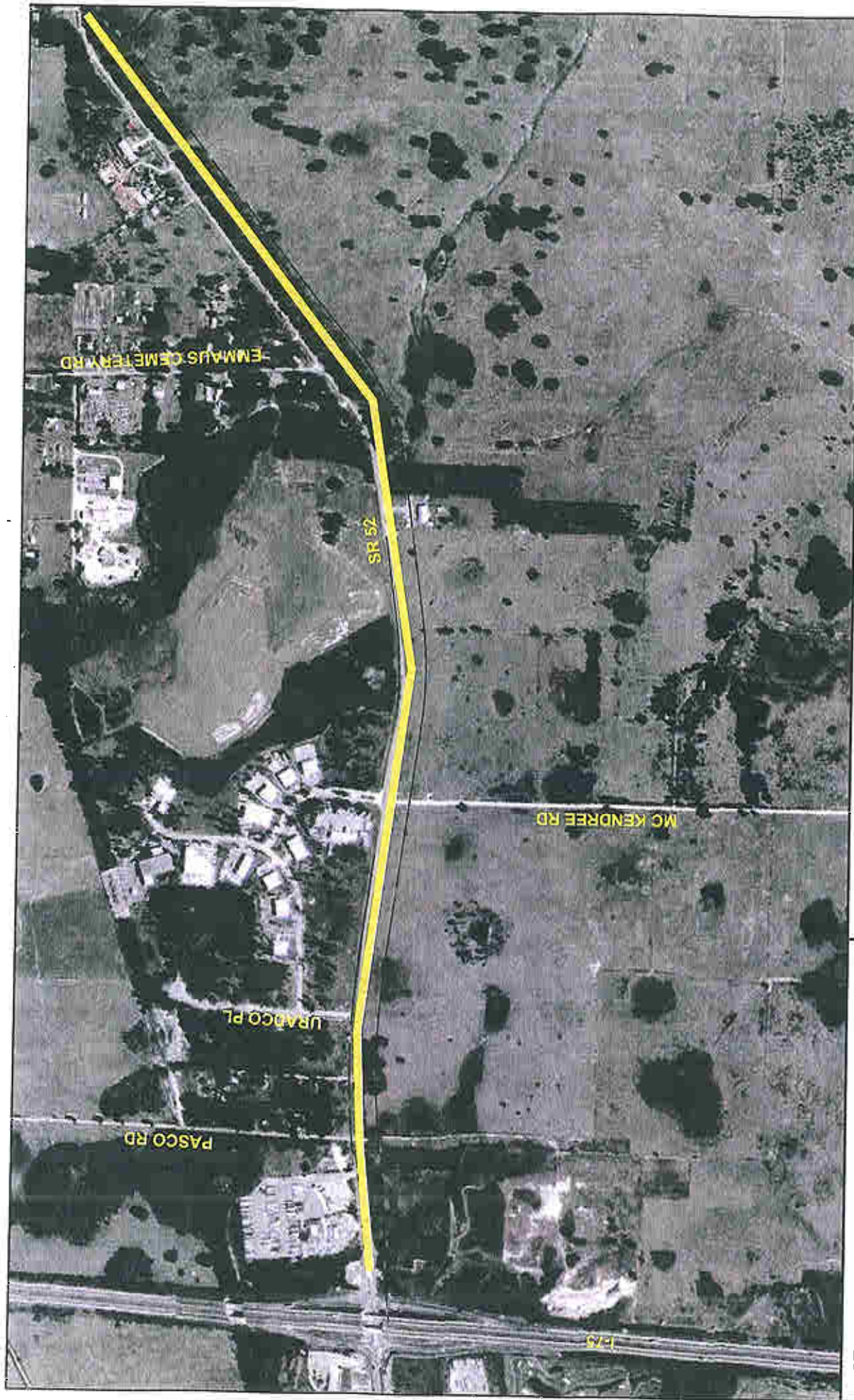
## **6.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS**

Information was obtained by N&A through observations made during on-site visits, interviews and review of the database information obtained from the FDEP and Pasco County. A total of 9 sites were reviewed in detail, and based upon the information obtained, the following conclusions and recommendations were made relating to the parcels reviewed in the project area:

- Land use along the corridor includes residential, pastureland, commercial/industrial and undeveloped areas.
- Of the 9 sites reviewed, 8 sites received hazard rankings of LOW or NO risk.
- Only 1 site received a HIGH risk ranking and none of the sites received a MEDIUM risk ranking.
- Most of the sites reviewed had underground storage tanks either at the time of our assessment or historically.
- The site receiving a HIGH risk ranking (Former Chevron #47132) had petroleum contamination documented in the immediate vicinity of the project area. These rankings may be adjusted depending upon the final alignment of roadway expansion and right of way requirements.
- At the 1 facility ranked high due to documented petroleum contamination near the project area, additional environmental assessment activities are warranted. The additional assessment activities should consist of soil and groundwater testing, and is recommended prior to construction to determine the potential impact of this facility upon the proposed construction activities.

## **APPENDIX A**

### **Project Location Map and "San Antonio" U.S.G.S. Topographic Map**



STATE ROAD 52 PD&E STUDY FROM I-75 (SR 93)  
TO EAST OF EMMAUS CEMETERY ROAD  
PASCO WORK ORDER NO. C3623.00  
WPI SEGMENT NO. 408827 1



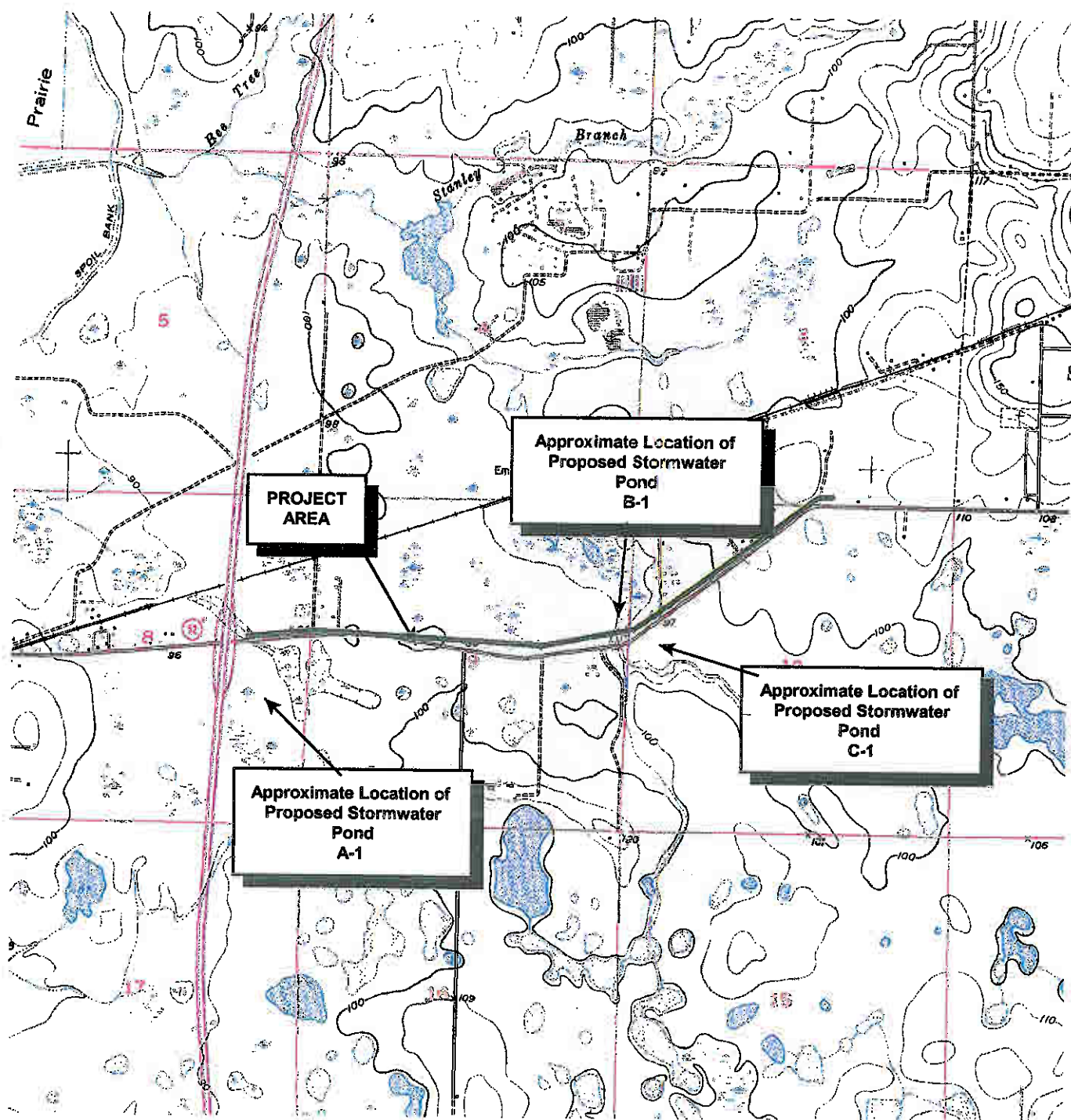
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FIGURE 1  
PROJECT LOCATION MAP



## USGS TOPOGRAPHIC MAP



REFERENCE: U.S.G.S. "SAN ANTONIO, FLORIDA" QUADRANGLE MAP (dated 1954, photorevised 1988)  
SECTIONS: 8, 9, AND 10  
TOWNSHIP: 25 SOUTH  
RANGE: 20 EAST

## **APPENDIX B**

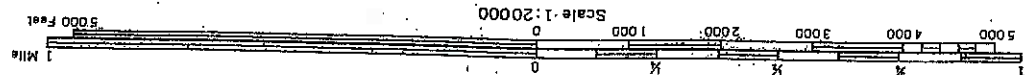
**USDA Soil Conservation Service  
Soil Survey of Pasco County, Florida**



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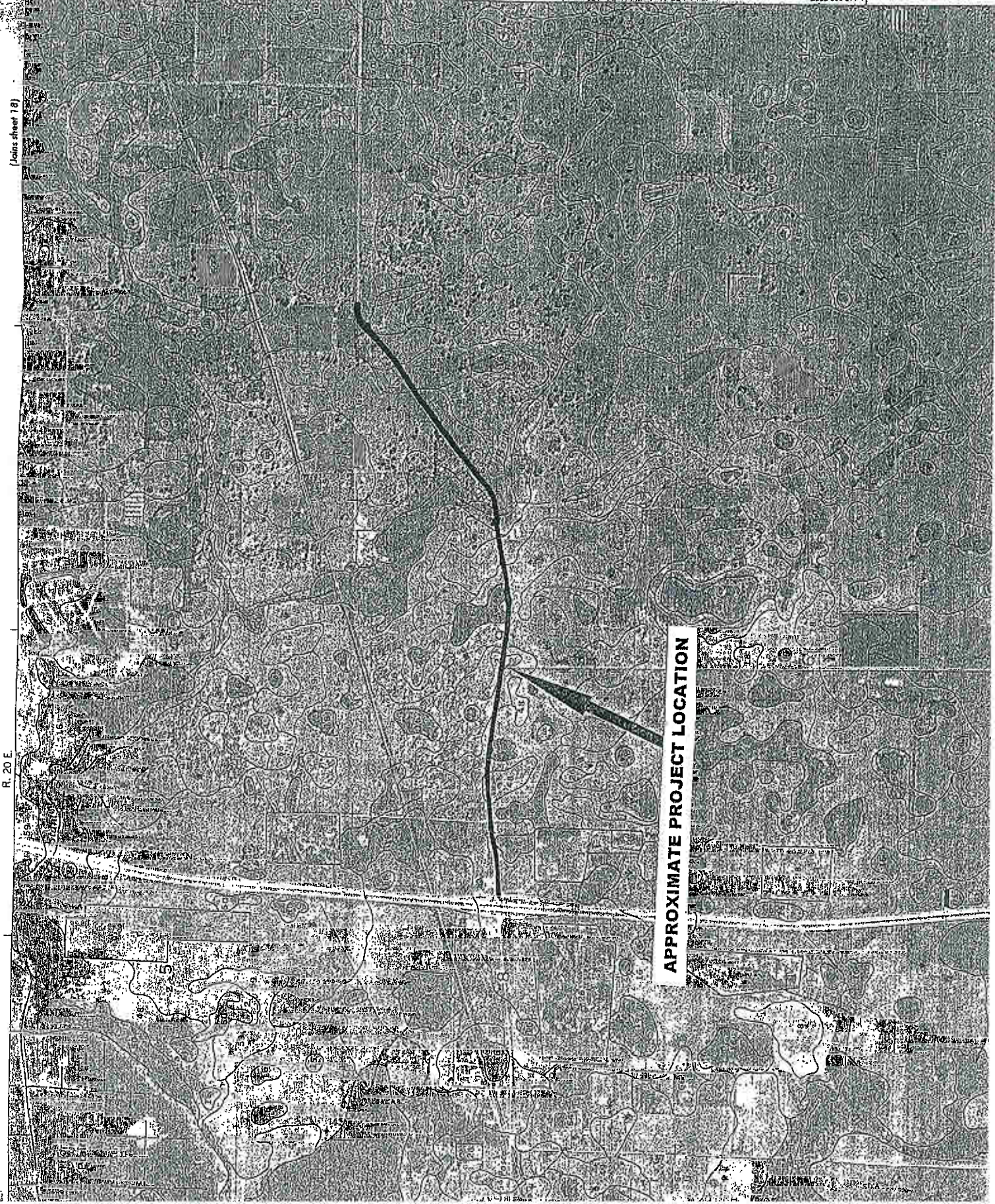
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27



(Joins sheet 28)

APPROXIMATE PROJECT LOCATION





## SOIL LEGEND

The soil symbols are numeric. Soil names with a 1/ superscript after the name are mapped at less intensity (order 3) than the remainder of the units in the county. The superscript will not be used in the manuscript but the units will be described to reflect their nature.

### SYMBOL

### NAME

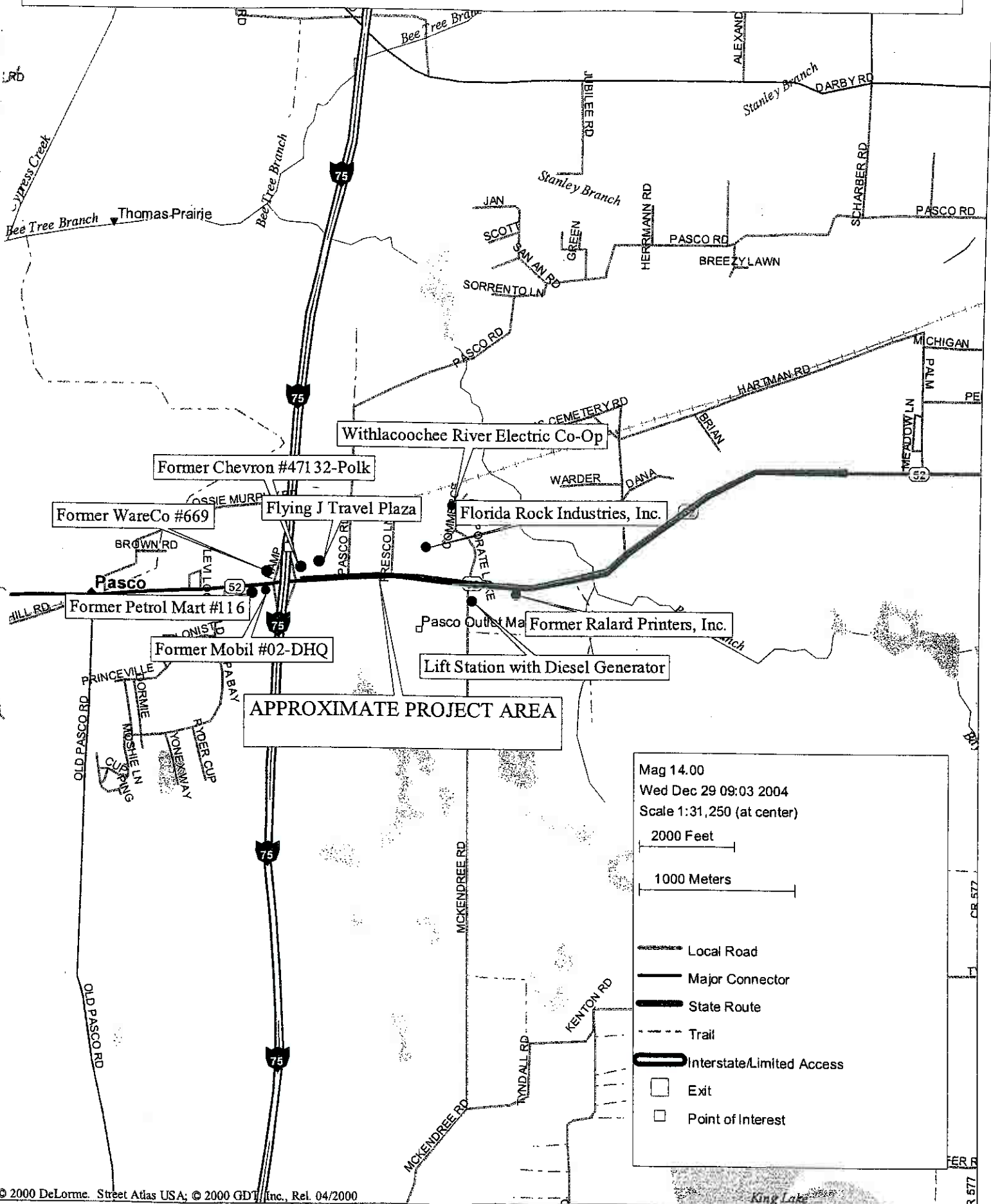
1	Wauchula fine sand, 0 to 5 percent slopes
2	Pomona fine sand
3	Pineda fine sand
4	Felda fine sand
5	Myakka fine sand
6	Tavares sand, 0 to 5 percent slopes
7	Sparr fine sand, 0 to 5 percent slopes
8	Sellers mucky loamy fine sand
9	Ona fine sand
10	Vero fine sand
11	Adamsville fine sand
12	Astatula fine sand, 0 to 5 percent slopes
13	Candler fine sand, 0 to 5 percent slopes
14	Candler fine sand, 5 to 8 percent slopes
15	Tavares-Urban land complex, 0 to 5 percent slopes
16	Zephyr muck
17	Immokalee fine sand
18	Electra Variant fine sand, 0 to 5 percent slopes
19	Paola fine sand, 0 to 8 percent slopes
20	Arpoka fine sand
21	Smyrna fine sand
22	Basinger fine sand
23	Basinger fine sand, depressional
24	Quartzipsammments, shaped, 0 to 5 percent slopes
25	Jonesville fine sand, 0 to 5 percent slopes
26	Narcoossee fine sand
27	Anclote fine sand
28	Pits
29	Lacoochee complex
30	Okeelanta-Terra Ceia association 1/
31	Udalfic Arents-Urban land complex
32	Lake fine sand, 0 to 5 percent slopes
34	Pompano fine sand
35	EauGallie fine sand
36	Candler-Urban land complex, 0 to 8 percent slopes
37	Paola-Urban land complex, 0 to 8 percent slopes
38	Urban land
39	Chobee soils, frequently flooded 1/
40	Paisley fine sand
41	Pits-Dumps complex
42	Pomello fine sand, 0 to 5 percent slopes
43	Arredondo fine sand, 0 to 5 percent slopes
44	Arredondo fine sand, 5 to 8 percent slopes
45	Kendrick fine sand, 0 to 5 percent slopes
46	Cassia fine sand, 0 to 5 percent slopes
47	Weekiwachee muck
48	Lochloosa fine sand, 0 to 5 percent slopes
49	Blichton fine sand, 0 to 2 percent slopes
50	Blichton fine sand, 2 to 5 percent slopes
51	Blichton fine sand, 5 to 8 percent slopes
52	Samsula muck
53	Sparr fine sand, 5 to 8 percent slopes
54	Flemington Variant fine sand, 2 to 5 percent slopes
55	Homosassa mucky fine sandy loam
56	EauGallie-Urban land complex
57	Vero Variant fine sand
58	Tomoka muck
59	Newnan fine sand, 0 to 5 percent slopes
60	Palmatto-Zephyr-Sellers complex
61	Pompano fine sand, frequently flooded
62	Kendrick fine sand, 5 to 8 percent slopes
63	Delray mucky fine sand
64	Nobleton fine sand, 0 to 5 percent slopes
65	Gainesville loamy fine sand, 0 to 5 percent slopes
66	Micanopy fine sand, 2 to 5 percent slopes
67	Kanapaha fine sand, 0 to 5 percent slopes
68	Lake fine sand, 5 to 8 percent slopes
69	Millhopper fine sand, 0 to 5 percent slopes
70	Placid fine sand
71	Anclote-Tavares-Pomello association, flooded 1/
72	Orlando fine sand, 0 to 5 percent slopes
73	Zolfo fine sand
74	Candler Variant fine sand, 0 to 5 percent slopes
75	Beachas
76	Bessie muck

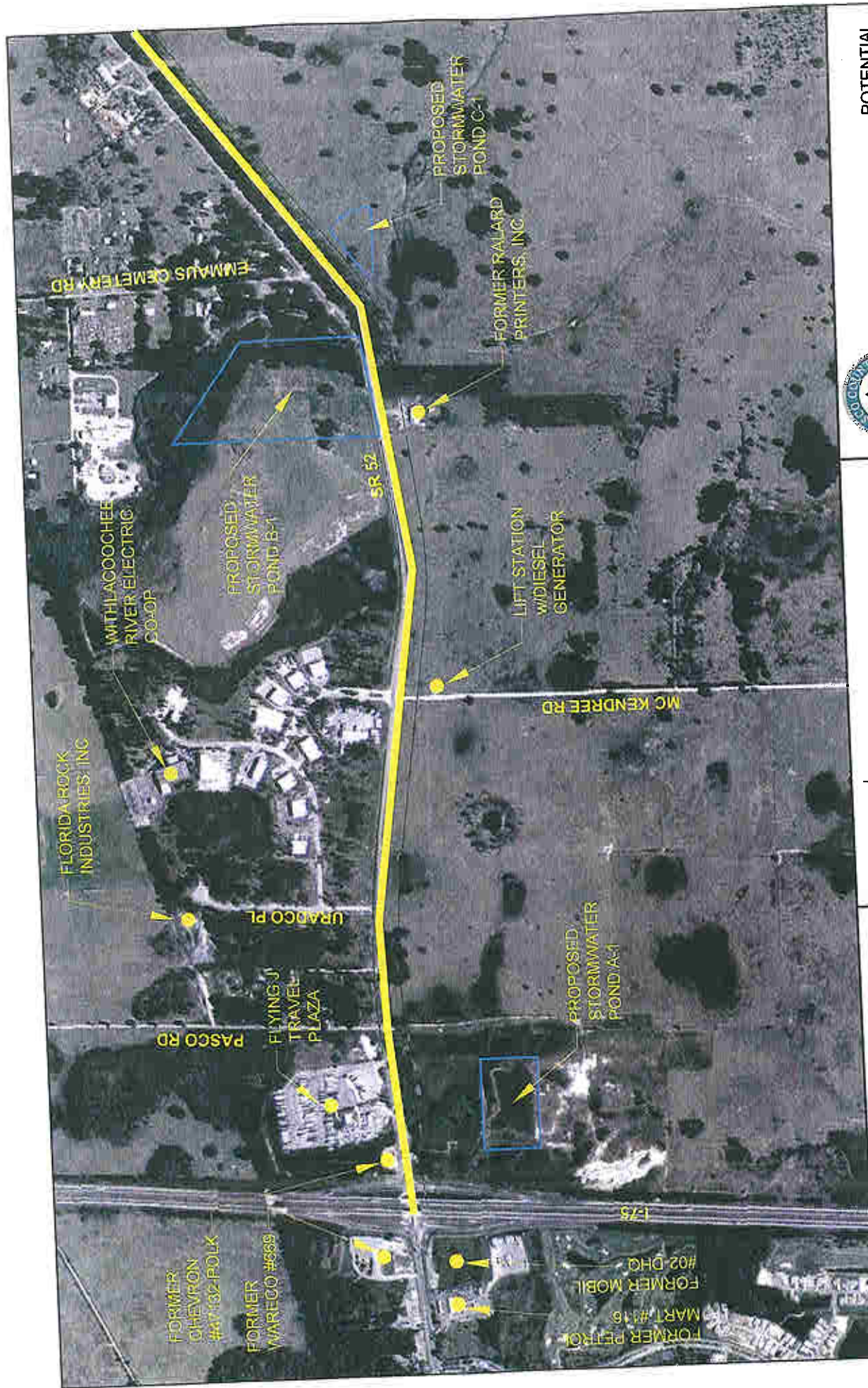
## **APPENDIX C**

### **Site Vicinity Map**



# SITE VICINITY MAP





POTENTIAL  
CONTAMINATION SITES



NOT TO SCALE

STATE ROAD 52 PD&E STUDY FROM I-75 (SR 93)  
TO EAST OF EMMAUS CEMETERY ROAD  
PASCO WORK ORDER NO. C3623.00  
WP1 SEGMENT NO. 408827 1

## **APPENDIX D**

### **Tables**

**TABLE 1**  
**SITE RANKING INFORMATION**  
**STATE ROAD 52 CSER**  
**N&A PROJECT NO. T03-E-036**

Site No.	Rank	Name and Address	Activity	Comment
1	Low	WareCo. Service Station #669 29651 State Road 52 (Facility ID No. FLR000016782 and FDEP Facility ID No. 518515028)	Small Quantity RCRA Generator Registered UST Site - Closed Leaking UST Site Cleanup Program - EDI	No RCRA violations reported 1988 - Reported petroleum discharge 1999 - 4 USTs removed from site Located ~700 feet from project work area
2	High	Chevron #47132 - Polk I-75 & State Road 52 (Facility ID No. 518515028)	Registered UST Site - Closed Leaking UST Site Cleanup Program - EDI	1986 - 6 USTs removed from site, 4 new USTs installed 1988 - Reported petroleum discharge 1991 - 4 USTs removed from site Located immediately adjacent to project work area
3	Low	Mobil #02-DHQ I-75 & State Road 52 W (Facility ID No. 518519953)	Registered UST Site - Closed Leaking UST Site Cleanup Program - PLIRP	1985 - 7 USTs removed from site, 5 new USTs installed 1990 - 1 UST removed from site 1991 - 4 USTs removed from site 1991 - Reported petroleum discharge Located ~1,100 feet from project work area
4	Low	Petrol Mart #116 29602 State Road 52 (Facility ID No. 518519953)	Registered UST Site - Open Leaking UST Site Cleanup Program - None No Cleanup Required	1995 - Reported petroleum discharge 1999 - Reported petroleum discharge Located ~1,100 feet from project work area
5	Low	Withlacoochee River Electric Co-Op 30461 Commerce Drive (Facility ID No. 519400031)	Registered UST Site - Open	1993 - 1 AST installed No reported petroleum discharges Located ~1,000 feet from project work area
6	Low	Ralard Printers, Inc. (presently Rack-It truck rack manufacturers) 30904 State Road 52 (Facility ID No. 519400248)	Registered UST Site - Closed Leaking UST Site Cleanup Program - None	1993 - 2 USTs removed from site 1993 - Reported petroleum discharge 1993 - Source removal activities completed at site No groundwater contamination remaining Located ~ 350 feet from project work area
7	Low	Florida Rock Industries, Inc. 11803 Uradco Place (Facility ID No. 519805556)	Registered UST Site - Open	2002 - 1 UST installed No reported petroleum discharges Located ~ 700 feet from project work area
8	Low	Flying J Travel Plaza 29933 State Road 52 (Facility ID No. 519600583)	Registered UST Site - Open	1995 - 7 USTs installed No reported petroleum discharges Located ~ 250 to 300 feet from project work area
9	Low	Lift Station with Diesel Generator SEC McKendree Road & State Road 52 (No Facility ID No. available)	Unregistered AST Site	AST <500 gallons in size and is not required to be registered with the FDEP No indications of a petroleum discharge were noted during the site reconnaissance Located ~ 300 feet from project work area



**TABLE 2**  
**SUMMARY OF REGISTERED STORAGE TANK INFORMATION**  
**STATE ROAD 52 CSER**  
**N&A PROJECT NO. T03-E-036**

Site No.	Approximate Station No.	Site Name and Address	FDEP Facility ID No.	Status	No. of Tanks	Date Installed	Tank #, Volume (gal), Contents and Status
1	700 feet WNW of 100+00	Former WareCo #669 I-75 & State Road 52, Stuckey #279	518630460	Closed	4	03/1975	1 x 6,000 Unleaded Gas - Removed 2 x 10,000 Unleaded Gas - Removed 1 x 8,000 Diesel Fuel - Removed
2	100+00	Chevron #47132-POLK I-75 & State Road 52	518515028	Closed	10	07/1970 01/1986	3 x 1,000 Unleaded Gas - Removed 1 x 10,000 Leaded Gas - Removed 1 x 4,000 Unleaded Gas - Removed 1 x 3,000 Unleaded Gas - Removed 2 x 2,000 Unleaded Gas - Removed 1 x 1,000 Waste Oil - Removed 1 x 550 Waste Oil - Removed
3	1,100 feet WNW of 100+00	Mobil #02-DHQ I-75 & State Road 52 W	518519953	Closed	12	10/1966 09/1985	3 x 10,000 Unleaded Gas - Removed 1 x 10,000 Leaded Gas - Removed 1 x 10,000 Diesel Fuel - Removed 3 x 3,000 Unleaded Gas - Removed 2 x 3,000 Leaded Gas - Removed 1 x 3,000 Diesel Fuel - Removed 1 x 1,000 Waste Oil - Removed
4	1,100 feet W of 100+00	Petrol Mart #116 29602 State Road 52	519046744	Open	5	04/1990	2 x 10,000 Diesel Fuel - Active 1 x 8,000 Unleaded Gas - Active 2 x 6,000 Unleaded Gas - Active
5	1,000 feet N of 132+00	Withlacoochee River Electric Co-Op 30461 Commerce Drive	519400031	Open	1	10/1993	1 x 8,000 Unleaded Gas - Active
6	145+00	Ralard Printers, Inc. 30904 State Road 52	519400248	Closed	1	Unknown	1 x 1,000 Gasoline - Removed 1 x 4,000 Diesel Fuel - Removed
7	119+00	FL Rock Industries, Inc. 11803 Uradco Place	519805556	Open	1	09/2002	1 x 10,000 Diesel Fuel - Active
8	100+00	Flying J Travel Plaza 29933 State Road 52	519600583	Open	7	09/1995	3 x 20,000 Diesel Fuel - Active 3 x 12,000 Unleaded Gas - Active 1 x 1,000 Petro-Product - Active

## **APPENDIX E**

### **Environmental FirstSearch Database Report**

# *FirstSearch Technology Corporation*

## **Environmental FirstSearch<sup>TM</sup> Report**

TARGET PROPERTY:

**STATE ROAD 52**

**SAN ANTONIO FL 33576**

Job Number: T03-E-036

### **PREPARED FOR:**

Nodarse & Associates, Inc.

504 E. Tyler Street

Tampa, FL 33602

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

12-28-04



*Tel: (407) 265-8900*

*Fax: (407) 265-8904*

# Environmental FirstSearch Search Summary Report

**Target Site:** STATE ROAD 52  
SAN ANTONIO FL 33576

## FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	09-12-04	0.25	0	0	0	-	-	0	0
CERCLIS	Y	09-13-04	0.25	0	0	0	-	-	0	0
NFRAP	Y	06-23-04	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	09-12-04	0.25	0	0	0	-	-	0	0
RCRA COR	Y	09-12-04	0.25	0	0	0	-	-	0	0
RCRA GEN	Y	09-12-04	0.25	0	1	0	-	-	0	1
ERNS	Y	12-31-03	0.25	0	0	0	-	-	2	2
State Sites	Y	10-19-04	0.25	0	0	0	-	-	0	0
SWL	Y	07-03-03	0.25	0	0	0	-	-	0	0
Other	Y	09-28-04	0.25	0	0	0	-	-	1	1
REG UST/AST	Y	09-28-04	0.25	1	5	1	-	-	3	10
Leaking UST	Y	09-28-04	0.25	1	4	0	-	-	0	5
- TOTALS -				2	10	1	0	0	6	19

### Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

### Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.



*Environmental FirstSearch  
Site Information Report*

Request Date: 12-28-04  
Requestor Name: maureen nichols  
Standard: LINEAR

Search Type: LINEAR  
Job Number: T03-E-036

**TARGET ADDRESS:** STATE ROAD 52  
SAN ANTONIO FL 33576

*Demographics*

Sites: 19	Non-Geocoded: 6	Population: NA
Radon: NA		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-82.308664	-82:18:31	Easting:	371712.633
Latitude:	28.328592	28:19:43	Northing:	3134125.256
			Zone:	17

*Comment*

Comment: STATE ROAD 52, SAN ANTONIO, FLORIDA
--

*Additional Requests/Services*

Adjacent ZIP Codes: 0 Mile(s)					Services:	
ZIP Code	City Name	ST	Dist/Dir	Sel	Requested?	Date
					Sanborns	No
					Aerial Photographs	No
					Topographical Maps	No
					City Directories	No
					Title Search	No
					Municipal Reports	No
					Online Topos	Yes 12-28-04

# *Environmental FirstSearch*

## *Sites Summary Report*

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**TOTAL:** 19      **GEOCODED:** 13      **NON GEOCODED:** 6      **SELECTED:** 0

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.	Map ID
1	RCRAGN	WARECO SERVICE STATION #669 FLR000016782/SGN	29651 SR 52 SAN ANTONIO FL 33576	0.01 SW	1	1
2	UST	CHEVRON #47132-POLK 518515028/CLOSED	I-75 & SR 52 SAN ANTONIO FL 33576	0.11 SW	2	2
3	UST	FL ROCK INDUSTRIES INC 519805556/OPEN	11803 URADCO PLACE SAN ANTONIO FL 33576	0.02 NE	5	3
4	UST	FORMER WARECO SERVICE #669 518630460/CLOSED	I-75 & SR 52 STUCKEY #279 SAN ANTONIO FL 33576	0.11 SW	6	4
5	UST	MOBIL #02-DHQ 518519953/CLOSED	I-75 & HWY 52 W DADE CITY FL 33576	0.04 SW	8	5
6	UST	PETROL MART #645 519046744/OPEN	29602 HWY 52 SAN ANTONIO FL 33576	0.06 SW	11	6
7	UST	WITHLACOOCHEE RIVER ELECTRIC CO-OP 519400031/OPEN	30461 COMMERCE DR SAN ANTONIO FL 33576	0.25 NE	14	7
8	UST	RALARD PRINTERS INC 519400248/CLOSED	30904 SR 52 SAN ANTONIO FL 33576	0.00 --	15	8
9	LUST	CHEVRON #47132-POLK 518515028/CLOSED	I-75 & SR 52 SAN ANTONIO FL 33576	0.11 SW	16	2
10	LUST	FORMER WARECO SERVICE #669 518630460/CLOSED	I-75 & SR 52 STUCKEY #279 SAN ANTONIO FL 33576	0.11 SW	17	4
11	LUST	MOBIL #02-DHQ 518519953/CLOSED	I-75 & HWY 52 W DADE CITY FL 33576	0.04 SW	18	5
12	LUST	PETROL MART #645 519046744/OPEN	29602 HWY 52 SAN ANTONIO FL 33576	0.06 SW	20	6
13	LUST	RALARD PRINTERS INC 519400248/CLOSED	30904 SR 52 SAN ANTONIO FL 33576	0.00 --	23	8

***Environmental FirstSearch  
Sites Summary Report***

**TARGET SITE:**     STATE ROAD 52  
                             SAN ANTONIO FL 33576

**JOB:**     T03-E-036  
             STATE ROAD 52, SAN ANTONIO, FLORIDA

**TOTAL:**     19                    **GEOCODED:**   13            **NON GEOCODED:**   6            **SELECTED:**     0

<u>ID</u>	<u>DB Type</u>	<u>Site Name/ID/Status</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Page No.</u>	<u>Map ID</u>
14	ERNS	NRC-644768/MOBILE	NB ONRAMP I-75 FROM HWY 52 SAN ANTONIO FL	NON GC	N/A	
15	ERNS	430665/UNKNOWN (NRC)	SAN ANTONIO FL 33576	NON GC	N/A	
16	OTHER	33576/CATTLE VATS	SAN ANTONIO FL 33576	NON GC	N/A	
17	UST	HERBERT BOLTIN JR GROVES 519800377/OPEN	CON GUDE RD SAN ANTONIO FL 33576	NON GC	N/A	
18	UST	KIRKLAND RANCH 518520059/CLOSED	HWY 577 S SAN ANTONIO FL 33576	NON GC	N/A	
19	UST	RICHTER RAY 518519866/CLOSED	SR 52 W SAN ANTONIO FL 33576	NON GC	N/A	

*Environmental FirstSearch*  
*Site Detail Report*

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

RCRA GENERATOR SITE

**SEARCH ID:** 1                      **DIST/DIR:** 0.01 SW                      **MAP ID:** 1

**NAME:** WARECO SERVICE STATION #669  
**ADDRESS:** 29651 SR 52  
SAN ANTONIO FL 62651  
PASCO  
**CONTACT:** BRIAN DYCHE

**REV:** 9/13/04  
**ID1:** FLR000016782  
**ID2:**  
**STATUS:** SGN  
**PHONE:** 2172459528

**SITE INFORMATION**

**UNIVERSE TYPE:**

SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

**SIC INFORMATION:**

0011 - DISCONTINUED, CHANGED, OR UNKNOWN  
0011 - DISCONTINUED, CHANGED, OR UNKNOWN

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 2

**DIST/DIR:** 0.11 SW

**MAP ID:** 2

**NAME:** CHEVRON #47132-POLK  
**ADDRESS:** I-75 & SR 52  
SAN ANTONIO FL 33576  
PASCO

**CONTACT:** WENDY CLEMENTE -- FAX# 954-788-9236

**REV:** 9/28/04  
**ID1:** 518515028  
**ID2:** 8515028.00  
**STATUS:** CLOSED  
**PHONE:** (954) 788-9687

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 10  
**FACILITY TYPE:** A - RETAIL STATION  
**DEP CO:** N

**TANK INFORMATION**

<b>TANK ID:</b>	1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JUL-1970	<b>STAT DATE:</b>	

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** A - LEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	1R1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JAN-1986	<b>STAT DATE:</b>	31-MAR-1991

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	2	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JUL-1966	<b>STAT DATE:</b>	

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 4000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	2R1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JAN-1986	<b>STAT DATE:</b>	31-MAR-1991

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 2                      **DIST/DIR:** 0.11 SW                      **MAP ID:** 2

<b>NAME:</b> CHEVRON #47132-POLK <b>ADDRESS:</b> I-75 & SR 52 SAN ANTONIO FL 33576 PASCO <b>CONTACT:</b> WENDY CLEMENTE -- FAX# 954-788-9236	<b>REV:</b> 9/28/04 <b>ID1:</b> 518515028 <b>ID2:</b> 8515028.00 <b>STATUS:</b> CLOSED <b>PHONE:</b> (954) 788-9687
--	---

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b> 3 <b>TVI:</b> TANK <b>INSTALLED:</b> 01-JUL-1966	<b>STATUS:</b> CLOSED <b>DEP CO:</b> N <b>STAT DATE:</b>	
--	--	--

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b> 3R1 <b>TVI:</b> TANK <b>INSTALLED:</b> 01-JAN-1986	<b>STATUS:</b> CLOSED <b>DEP CO:</b> N <b>STAT DATE:</b> 31-MAR-1991	
--	--	--

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b> 4 <b>TVI:</b> TANK <b>INSTALLED:</b> 01-JUL-1966	<b>STATUS:</b> CLOSED <b>DEP CO:</b> N <b>STAT DATE:</b>	
--	--	--

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 2000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b> 4R1 <b>TVI:</b> TANK <b>INSTALLED:</b> 01-JAN-1986	<b>STATUS:</b> CLOSED <b>DEP CO:</b> N <b>STAT DATE:</b> 31-MAR-1991	
--	--	--

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 1000  
**CONTENT:** Z - OTHER NON REGULATED  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 2                      **DIST/DIR:** 0.11 SW                      **MAP ID:** 2

<b>NAME:</b> CHEVRON #47132-POLK <b>ADDRESS:</b> I-75 & SR 52 SAN ANTONIO FL 33576 PASCO <b>CONTACT:</b> WENDY CLEMENTE -- FAX# 954-788-9236	<b>REV:</b> 9/28/04 <b>ID1:</b> 518515028 <b>ID2:</b> 8515028.00 <b>STATUS:</b> CLOSED <b>PHONE:</b> (954) 788-9687
--	---

<b>TANK ID:</b>	5	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JUL-1966	<b>STAT DATE:</b>	
<b>TK STAT:</b>	B - REMOVED		
<b>CAPACITY(GAL):</b>	2000		
<b>CONTENT:</b>	B - UNLEADED GAS		
<b>PLACE:</b>	UNDERGROUND		
<b>TYPE:</b>	A - RETAIL STATION		

<b>TANK ID:</b>	6	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JUL-1966	<b>STAT DATE:</b>	
<b>TK STAT:</b>	B - REMOVED		
<b>CAPACITY(GAL):</b>	550		
<b>CONTENT:</b>	Z - OTHER NON REGULATED		
<b>PLACE:</b>	UNDERGROUND		
<b>TYPE:</b>	A - RETAIL STATION		

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 3                      **DIST/DIR:** 0.02 NE                      **MAP ID:** 3

**NAME:** FL ROCK INDUSTRIES INC  
**ADDRESS:** 11803 URADCO PLACE  
SAN ANTONIO FL 33576  
PASCO  
**CONTACT:** HUGH PERRY

**REV:** 9/28/04  
**ID1:** 519805556  
**ID2:** 9805556.00  
**STATUS:** OPEN  
**PHONE:** (904) 355-1781

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 1  
**FACILITY TYPE:** C - FUEL USER/NON-RETAIL  
**DEP CO:** N

**TANK INFORMATION**

**TANK ID:** 3146                      **STATUS:** OPEN  
**TVI:** TANK                      **DEP CO:** N  
**INSTALLED:** 01-SEP-2002                      **STAT DATE:** 31-MAR-2003

**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 10000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** ABOVEGROUND  
**TYPE:** C - FUEL USER/NON-RETAIL

3146                      A - BALL CHECK VALVE  
3146                      C - STEEL  
3146                      I - DOUBLE WALL  
3146                      M - SPILL CONTAINMENT BUCKET  
3146                      N - FLOW SHUT-OFF  
3146                      O - TIGHT FILL  
3146                      P - LEVEL GAUGES/ALARMS

**PIPING INFORMATION**

**TANK ID:**                      **DESCRIPTION:**  
3146                      A - ABV, NO SOIL CONTACT  
3146                      B - STEEL/GALVANIZED METAL  
3146                      I - SUCTION PIPING SYSTEM  
3146                      K - DISPENSER LINERS

**MONITORING INFORMATION**

**TANK ID:**                      **DESCRIPTION:**  
3146                      4 - VISUAL INSPECT DISPENSER LINERS  
3146                      F - MONITOR DBL WALL TANK SPACE  
3146                      Q - VISUAL INSPECTION OF ASTS  
3146                      V - SUCTION PUMP CHECK VALVE



**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 4                      **DIST/DIR:** 0.11 SW                      **MAP ID:** 4

**NAME:** FORMER WARECO SERVICE #669  
**ADDRESS:** 1-75 & SR 52 STUCKEY #279  
SAN ANTONIO FL 33525  
PASCO  
**CONTACT:** BRIAN DYCHE

**REV:** 9/28/04  
**ID1:** 518630460  
**ID2:** 8630460.00  
**STATUS:** CLOSED  
**PHONE:** (217) 243-1839

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 4  
**FACILITY TYPE:** A - RETAIL STATION  
**DEP CO:** N

**TANK INFORMATION**

<b>TANK ID:</b>	1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-MAR-1975	<b>STAT DATE:</b>	01-AUG-1999

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 6000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	2	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-MAY-1972	<b>STAT DATE:</b>	01-AUG-1999

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	3	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-MAY-1972	<b>STAT DATE:</b>	01-AUG-1999

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	4	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-MAR-1987	<b>STAT DATE:</b>	01-AUG-1999

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 4

**DIST/DIR:** 0.11 SW

**MAP ID:** 4

**NAME:** FORMER WARECO SERVICE #669  
**ADDRESS:** 1-75 & SR 52 STUCKEY #279  
SAN ANTONIO FL 33525  
PASCO  
**CONTACT:** BRIAN DYCHE

**REV:** 9/28/04  
**ID1:** 518630460  
**ID2:** 8630460.00  
**STATUS:** CLOSED  
**PHONE:** (217) 243-1839

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 8000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 5                      **DIST/DIR:** 0.04 SW                      **MAP ID:** 5

**NAME:** MOBIL #02-DHQ  
**ADDRESS:** I-75 & HWY 52 W  
DADE CITY FL 33576  
PASCO  
**CONTACT:** ERIC MCPHEE

**REV:** 9/28/04  
**ID1:** 518519953  
**ID2:** 8519953.00  
**STATUS:** CLOSED  
**PHONE:** (703) 846-3000

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 12  
**FACILITY TYPE:** A - RETAIL STATION  
**DEP CO:** N

**TANK INFORMATION**

<b>TANK ID:</b>	1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-OCT-1966	<b>STAT DATE:</b>	30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** A - LEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	1R1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-SEP-1985	<b>STAT DATE:</b>	31-JAN-1991

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	2	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-OCT-1966	<b>STAT DATE:</b>	30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** A - LEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	2R1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-SEP-1985	<b>STAT DATE:</b>	31-JAN-1991

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 5                      **DIST/DIR:** 0.04 SW                      **MAP ID:** 5

**NAME:** MOBIL #02-DHQ  
**ADDRESS:** I-75 & HWY 52 W  
DADE CITY FL 33576  
PASCO  
**CONTACT:** ERIC MCPHEE

**REV:** 9/28/04  
**ID1:** 518519953  
**ID2:** 8519953.00  
**STATUS:** CLOSED  
**PHONE:** (703) 846-3000

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 3                      **STATUS:** CLOSED  
**TVI:** TANK                      **DEP CO:** N  
**INSTALLED:** 01-OCT-1966                      **STAT DATE:** 30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** A - LEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 3R1                      **STATUS:** CLOSED  
**TVI:** TANK                      **DEP CO:** N  
**INSTALLED:** 01-SEP-1985                      **STAT DATE:** 31-JAN-1991

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 4                      **STATUS:** CLOSED  
**TVI:** TANK                      **DEP CO:** N  
**INSTALLED:** 01-JUN-1972                      **STAT DATE:** 30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 4R1                      **STATUS:** CLOSED  
**TVI:** TANK                      **DEP CO:** N  
**INSTALLED:** 01-SEP-1985                      **STAT DATE:** 31-JAN-1991

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 10000  
**CONTENT:** A - LEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 5                      **DIST/DIR:** 0.04 SW                      **MAP ID:** 5

**NAME:** MOBIL #02-DHQ  
**ADDRESS:** I-75 & HWY 52 W  
DADE CITY FL 33576  
PASCO  
**CONTACT:** ERIC MCPHEE

**REV:** 9/28/04  
**ID1:** 518519953  
**ID2:** 8519953.00  
**STATUS:** CLOSED  
**PHONE:** (703) 846-3000

<b>TANK ID:</b>	5	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-OCT-1966	<b>STAT DATE:</b>	30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	6	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-OCT-1966	<b>STAT DATE:</b>	30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	7	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-JAN-1966	<b>STAT DATE:</b>	30-SEP-1985

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 3000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b>	8	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>	01-SEP-1985	<b>STAT DATE:</b>	30-NOV-1990

**TK STAT:** B - REMOVED  
**CAPACITY(GAL):** 1000  
**CONTENT:** L - WASTE OIL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION



**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 6

**DIST/DIR:** 0.06 SW

**MAP ID:** 6

**NAME:** PETROL MART #645  
**ADDRESS:** 29602 HWY 52  
SAN ANTONIO FL 33576  
PASCO  
**CONTACT:** RICHARD PRATHER

**REV:** 9/28/04  
**ID1:** 519046744  
**ID2:** 9046744.00  
**STATUS:** OPEN  
**PHONE:** (813) 636-8111

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 5  
**FACILITY TYPE:** A - RETAIL STATION  
**DEP CO:** N

**TANK INFORMATION**

**TANK ID:** 1  
**TVI:** TANK  
**INSTALLED:** 01-APR-1990  
**STATUS:** OPEN  
**DEP CO:** N  
**STAT DATE:**

**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 8000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 2  
**TVI:** TANK  
**INSTALLED:** 01-APR-1990  
**STATUS:** OPEN  
**DEP CO:** N  
**STAT DATE:**

**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 6000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 3  
**TVI:** TANK  
**INSTALLED:** 01-APR-1990  
**STATUS:** OPEN  
**DEP CO:** N  
**STAT DATE:** 01-APR-2004

**TK STAT:** T - TEMP OUT OF SERVICE  
**CAPACITY(GAL):** 6000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

**TANK ID:** 4  
**TVI:** TANK  
**INSTALLED:** 01-APR-1990  
**STATUS:** OPEN  
**DEP CO:** N  
**STAT DATE:**

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**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 6                      **DIST/DIR:** 0.06 SW                      **MAP ID:** 6

<b>NAME:</b> PETROL MART #645 <b>ADDRESS:</b> 29602 HWY 52 SAN ANTONIO FL 33576 PASCO <b>CONTACT:</b> RICHARD PRATHER	<b>REV:</b> 9/28/04 <b>ID1:</b> 519046744 <b>ID2:</b> 9046744.00 <b>STATUS:</b> OPEN <b>PHONE:</b> (813) 636-8111
---	---

**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 10000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

<b>TANK ID:</b> 5	<b>STATUS:</b> OPEN	
<b>TVI:</b> TANK	<b>DEP CO:</b> N	
<b>INSTALLED:</b> 01-APR-1990	<b>STAT DATE:</b>	

**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 10000  
**CONTENT:** D - VEHICULAR DIESEL  
**PLACE:** UNDERGROUND  
**TYPE:** A - RETAIL STATION

1	A - BALL CHECK VALVE
1	F - FIBERGLASS CLAD STEEL
1	M - SPILL CONTAINMENT BUCKET
1	O - TIGHT FILL
2	A - BALL CHECK VALVE
2	F - FIBERGLASS CLAD STEEL
2	M - SPILL CONTAINMENT BUCKET
2	O - TIGHT FILL
3	A - BALL CHECK VALVE
3	F - FIBERGLASS CLAD STEEL
3	M - SPILL CONTAINMENT BUCKET
3	O - TIGHT FILL
4	A - BALL CHECK VALVE
4	F - FIBERGLASS CLAD STEEL
4	M - SPILL CONTAINMENT BUCKET
4	O - TIGHT FILL
5	A - BALL CHECK VALVE
5	F - FIBERGLASS CLAD STEEL
5	M - SPILL CONTAINMENT BUCKET
5	O - TIGHT FILL

**PIPING INFORMATION**

<b><u>TANK ID:</u></b>	<b><u>DESCRIPTION:</u></b>
1	C - FIBERGLASS
1	J - PRESSURIZED PIPING SYSTEM
1	K - DISPENSER LINERS
2	C - FIBERGLASS
2	J - PRESSURIZED PIPING SYSTEM
2	K - DISPENSER LINERS

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 6                      **DIST/DIR:** 0.06 SW                      **MAP ID:** 6

**NAME:** PETROL MART #645  
**ADDRESS:** 29602 HWY 52  
SAN ANTONIO FL 33576  
PASCO  
**CONTACT:** RICHARD PRATHER

**REV:** 9/28/04  
**ID1:** 519046744  
**ID2:** 9046744.00  
**STATUS:** OPEN  
**PHONE:** (813) 636-8111

3	C - FIBERGLASS
3	J - PRESSURIZED PIPING SYSTEM
3	K - DISPENSER LINERS
4	C - FIBERGLASS
4	J - PRESSURIZED PIPING SYSTEM
4	K - DISPENSER LINERS
5	C - FIBERGLASS
5	J - PRESSURIZED PIPING SYSTEM
5	K - DISPENSER LINERS

**MONITORING INFORMATION**

<b><u>TANK ID:</u></b>	<b><u>DESCRIPTION:</u></b>
1	2 - VISUAL INSPECT PIPE SUMPS
1	4 - VISUAL INSPECT DISPENSER LINERS
1	S - STATISTICAL INVENTORY RECONCILE
2	2 - VISUAL INSPECT PIPE SUMPS
2	4 - VISUAL INSPECT DISPENSER LINERS
2	H - MECHANICAL LINE LEAK DETECTOR
2	S - STATISTICAL INVENTORY RECONCILE
3	2 - VISUAL INSPECT PIPE SUMPS
3	4 - VISUAL INSPECT DISPENSER LINERS
3	H - MECHANICAL LINE LEAK DETECTOR
3	S - STATISTICAL INVENTORY RECONCILE
4	2 - VISUAL INSPECT PIPE SUMPS
4	4 - VISUAL INSPECT DISPENSER LINERS
4	H - MECHANICAL LINE LEAK DETECTOR
4	S - STATISTICAL INVENTORY RECONCILE
5	2 - VISUAL INSPECT PIPE SUMPS
5	4 - VISUAL INSPECT DISPENSER LINERS
5	H - MECHANICAL LINE LEAK DETECTOR
5	S - STATISTICAL INVENTORY RECONCILE

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 7

**DIST/DIR:** 0.25 NE

**MAP ID:** 7

**NAME:** WITHLACOOCHEE RIVER ELECTRIC CO-OP  
**ADDRESS:** 30461 COMMERCE DR  
SAN ANTONIO FL 33576  
PASCO  
**CONTACT:** J ROY SIBLEY

**REV:** 9/28/04  
**ID1:** 519400031  
**ID2:** 9400031.00  
**STATUS:** OPEN  
**PHONE:** (352) 567-5133

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 1  
**FACILITY TYPE:** C - FUEL USER/NON-RETAIL  
**DEP CO:** N

**TANK INFORMATION**

**TANK ID:** 1  
**TVI:** TANK  
**INSTALLED:** 01-OCT-1993  
**STATUS:** OPEN  
**DEP CO:** N  
**STAT DATE:**  
**TK STAT:** U - IN SERVICE  
**CAPACITY(GAL):** 8000  
**CONTENT:** B - UNLEADED GAS  
**PLACE:** ABOVEGROUND  
**TYPE:** C - FUEL USER/NON-RETAIL

1 C - STEEL  
1 I - DOUBLE WALL  
1 L - COMPARTMENTED  
1 M - SPILL CONTAINMENT BUCKET  
1 P - LEVEL GAUGES/ALARMS

**PIPING INFORMATION**

<b><u>TANK ID:</u></b>	<b><u>DESCRIPTION:</u></b>
1	A - ABV, NO SOIL CONTACT
1	B - STEEL/GALVANIZED METAL
1	J - PRESSURIZED PIPING SYSTEM
1	K - DISPENSER LINERS

**MONITORING INFORMATION**

<b><u>TANK ID:</u></b>	<b><u>DESCRIPTION:</u></b>
1	4 - VISUAL INSPECT DISPENSER LINERS
1	F - MONITOR DBL WALL TANK SPACE
1	Q - VISUAL INSPECTION OF ASTS

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 8

**DIST/DIR:** 0.00 --

**MAP ID:** 8

**NAME:** RALARD PRINTERS INC  
**ADDRESS:** 30904 SR 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 519400248  
**ID2:** 9400248.00  
**STATUS:** CLOSED  
**PHONE:** (813) 372-9402

**CONTACT:** RONALD DISBROW

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 1  
**FACILITY TYPE:** C - FUEL USER/NON-RETAIL  
**DEP CO:** N

**TANK INFORMATION**

<b>TANK ID:</b>	1	<b>STATUS:</b>	CLOSED
<b>TVI:</b>	TANK	<b>DEP CO:</b>	N
<b>INSTALLED:</b>		<b>STAT DATE:</b>	01-DEC-1993
<b>TK STAT:</b>	B - REMOVED		
<b>CAPACITY(GAL):</b>	1000		
<b>CONTENT:</b>	Y - UNKNOWN/NOT REPORTED		
<b>PLACE:</b>	UNDERGROUND		
<b>TYPE:</b>	C - FUEL USER/NON-RETAIL		



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 9                      **DIST/DIR:** 0.11 SW                      **MAP ID:** 2

**NAME:** CHEVRON #47132-POLK  
**ADDRESS:** I-75 & SR 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 518515028  
**ID2:** 8515028  
**STATUS:** CLOSED  
**PHONE:** (352) 588-2782

**CONTACT:**

**SITE INFORMATION**

**OPERATOR:** POLK I  
**NAME UPDATED:**  
**ADDR UPDATED:** 02-23-2000  
**BAD ADDR INDICATOR:** N  
  
**CLEAN UP STATUS:** ENTD - ELIGIBLE - NO TASK LEVEL DATA  
**CLEANUP STATUS DATE:** 10-09-2000  
**RANK:** 13209  
  
**RP ID:** 3941  
**RP ROLE:** ACCOUNT OWNER  
**RP BEGIN:** 05-20-1994  
**NAME:** CHEVRON PRODUCTS CO  
801 SE 7TH AVE  
POMPANO BEACH FL 33060  
  
**PHONE:** (954) 788-9687

**DISCHARGE INFORMATION**

**DISCHARGE DATE:** 07-06-1988  
**POLLUTANT:** Y - UNKNOWN/NOT REPORTED  
**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 11-04-1997  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** Y  
**SOIL AFFECTED:** N  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE  
  
**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** INACTIVE  
**INFO SOURCE:** E - EDI  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:**

**UST INFORMATION**

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 10

**DIST/DIR:** 0.11 SW

**MAP ID:** 4

**NAME:** FORMER WARECO SERVICE #669  
**ADDRESS:** 1-75 & SR 52 STUCKEY #279  
SAN ANTONIO FL 33525

**REV:** 9/28/04  
**ID1:** 518630460  
**ID2:** 8630460  
**STATUS:** CLOSED  
**PHONE:** (217) 243-1839

**CONTACT:**

**SITE INFORMATION**

**OPERATOR:** BRIAN DYCHE  
**NAME UPDATED:** 04-13-2001  
**ADDR UPDATED:** 04-13-2001  
**BAD ADDR INDICATOR:** N  
  
**CLEAN UP STATUS:** SA - SA ONGOING  
**CLEANUP STATUS DATE:** 10-09-2000  
**RANK:** 12807  
  
**RP ID:** 23431  
**RP ROLE:** ACCOUNT OWNER  
**RP BEGIN:** 04-13-2001  
**NAME:** WARECO SERVICE INC  
400 W STATE ST  
JACKSONVILLE IL 62650  
  
**PHONE:** (217) 243-1839

**DISCHARGE INFORMATION**

**DISCHARGE DATE:** 11-25-1988  
**POLLUTANT:** Y - UNKNOWN/NOT REPORTED  
**COMBINED:**  
**SCORE:** 7  
**SCORE DATE:** 04-26-2000  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** Y  
**SOIL AFFECTED:** N  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE  
  
**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** INACTIVE  
**INFO SOURCE:** E - EDI  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:**

**UST INFORMATION**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 11

**DIST/DIR:** 0.04 SW

**MAP ID:** 5

**NAME:** MOBIL #02-DHQ  
**ADDRESS:** I-75 & HWY 52 W  
DADE CITY FL 33576

**REV:** 9/28/04  
**ID1:** 518519953  
**ID2:** 8519953  
**STATUS:** CLOSED  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**OPERATOR:** MOBIL OIL CORP  
**NAME UPDATED:**  
**ADDR UPDATED:** 09-24-2003  
**BAD ADDR INDICATOR:** N  
  
**CLEAN UP STATUS:** RAP - RAP ONGOING  
**CLEANUP STATUS DATE:** 10-09-2000  
**RANK:** 8758  
  
**RP ID:** 14745  
**RP ROLE:** ACCOUNT OWNER  
**RP BEGIN:** 05-20-1994  
**NAME:** EXXONMOBIL OIL CORP %VEEDER-ROOT  
12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS  
LAKEWOOD  
**PHONE:** (303) 986-8011

**DISCHARGE INFORMATION**

**DISCHARGE DATE:** 02-08-1991  
**POLLUTANT:** A - LEADED GAS  
**COMBINED:**  
**SCORE:** 10  
**SCORE DATE:** 11-04-1997  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** Y  
**SOIL AFFECTED:** Y  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE  
  
**DISCHARGE DATE:** 02-08-1991  
**POLLUTANT:** B - UNLEADED GAS  
**COMBINED:**  
**SCORE:** 10  
**SCORE DATE:** 11-04-1997  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** Y  
**SOIL AFFECTED:** Y  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 11

**DIST/DIR:** 0.04 SW

**MAP ID:** 5

**NAME:** MOBIL #02-DHQ  
**ADDRESS:** I-75 & HWY 52 W  
DADE CITY FL 33576

**REV:** 9/28/04  
**ID1:** 518519953  
**ID2:** 8519953  
**STATUS:** CLOSED  
**PHONE:**

**CONTACT:**

**DISCHARGE DATE:** 02-08-1991  
**POLLUTANT:** Z - OTHER NON REGULATED  
**COMBINED:**  
**SCORE:** 10  
**SCORE DATE:** 11-04-1997  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** Y  
**SOIL AFFECTED:** Y  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE

**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** INACTIVE  
**INFO SOURCE:** I - PLIRP (INSURANCE)  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:**

**UST INFORMATION**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 12                      **DIST/DIR:** 0.06 SW                      **MAP ID:** 6

**NAME:** PETROL MART #645  
**ADDRESS:** 29602 HWY 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 519046744  
**ID2:** 9046744  
**STATUS:** OPEN  
**PHONE:** (813) 636-8111

**CONTACT:**

**SITE INFORMATION**

**OPERATOR:** CORA KNIGHT  
**NAME UPDATED:** 04-16-1999  
**ADDR UPDATED:** 05-08-1998  
**BAD ADDR INDICATOR:** N

**CLEAN UP STATUS:** SA - SA ONGOING  
**CLEANUP STATUS DATE:** 07-27-2001  
**RANK:** 13209

**CLEAN UP STATUS:** NREQ - CLEANUP NOT REQUIRED  
**CLEANUP STATUS DATE:** 05-29-2001  
**RANK:** 13209

**RP ID:** 47321  
**RP ROLE:** ACCOUNT OWNER  
**RP BEGIN:** 05-08-1998  
**NAME:** PETROL MART INC  
205 S HOOVER BLVD #101 ATTN: RICH PRATHER  
TAMPA FL 33609 9905

**PHONE:** (813) 636-8111

**DISCHARGE INFORMATION**

**DISCHARGE DATE:** 02-03-1998  
**POLLUTANT:** B - UNLEADED GAS  
**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 03-26-2002

**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:**  
**MONITORING WELLS:** Y

**SOIL AFFECTED:**  
**S WATER AFFECTED:**  
**G WATER AFFECTED:** Y  
**CLEANUP ELIG:** E - ELIGIBLE

**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** ACTIVE  
**INFO SOURCE:** D - DISCHARGE NOTIFICATION  
**OTHER SOURCE:**  
**SITE MANAGER:** PEDIGO\_L  
**MANAGER END DATE:** 02-01-2002  
**TANK OFFICE:** PCSWD - SOUTHWEST DISTRICT

- Continued on next page -



**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 12

**DIST/DIR:** 0.06 SW

**MAP ID:** 6

**NAME:** PETROL MART #645  
**ADDRESS:** 29602 HWY 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 519046744  
**ID2:** 9046744  
**STATUS:** OPEN  
**PHONE:** (813) 636-8111

**CONTACT:**

**DISCHARGE DATE:** 07-30-1999  
**POLLUTANT:** D - VEHICULAR DIESEL

**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 03-26-2002

**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:**  
**MONITORING WELLS:** N  
**SOIL AFFECTED:** Y  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** N  
**CLEANUP ELIG:** I - INELIGIBLE

**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** ACTIVE  
**INFO SOURCE:** D - DISCHARGE NOTIFICATION  
**OTHER SOURCE:**  
**SITE MANAGER:** PEDIGO\_L  
**MANAGER END DATE:**  
**TANK OFFICE:** PCSWD - SOUTHWEST DISTRICT

**DISCHARGE DATE:** 08-29-1995  
**POLLUTANT:** B - UNLEADED GAS

**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 03-26-2002

**GAL DISCHARGED:** 53  
**DRINK WELLS AFFECTED:**  
**MONITORING WELLS:**  
**SOIL AFFECTED:**  
**S WATER AFFECTED:**  
**G WATER AFFECTED:**  
**CLEANUP ELIG:** I - INELIGIBLE

**CLEANUP REQUIRED:** N - NO CLEANUP REQUIRED  
**WORK STATUS:** COMPLETED  
**INFO SOURCE:** D - DISCHARGE NOTIFICATION  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:** -

**DISCHARGE DATE:** 10-24-1990  
**POLLUTANT:** B - UNLEADED GAS

**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 03-26-2002  
**GAL DISCHARGED:** 3

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 12

**DIST/DIR:** 0.06 SW

**MAP ID:** 6

**NAME:** PETROL MART #645  
**ADDRESS:** 29602 HWY 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 519046744  
**ID2:** 9046744  
**STATUS:** OPEN  
**PHONE:** (813) 636-8111

**CONTACT:**

**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** N  
**SOIL AFFECTED:** N  
**S WATER AFFECTED:** Y  
**G WATER AFFECTED:** N  
**CLEANUP ELIG:** I - INELIGIBLE

**DISCHARGE DATE:** 10-24-1990  
**POLLUTANT:** D - VEHICULAR DIESEL

**COMBINED:**  
**SCORE:** 6  
**SCORE DATE:** 03-26-2002

**GAL DISCHARGED:** 3  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** N  
**SOIL AFFECTED:** N  
**S WATER AFFECTED:** Y  
**G WATER AFFECTED:** N  
**CLEANUP ELIG:** I - INELIGIBLE

**CLEANUP REQUIRED:** N - NO CLEANUP REQUIRED  
**WORK STATUS:** COMPLETED  
**INFO SOURCE:** D - DISCHARGE NOTIFICATION  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:**

**UST INFORMATION**

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 13                      **DIST/DIR:** 0.00 --                      **MAP ID:** 8

**NAME:** RALARD PRINTERS INC  
**ADDRESS:** 30904 SR 52  
SAN ANTONIO FL 33576

**REV:** 9/28/04  
**ID1:** 519400248  
**ID2:** 9400248  
**STATUS:** CLOSED  
**PHONE:** (904) 588-2800

**CONTACT:**

**SITE INFORMATION**

**OPERATOR:** RONALD DISBROW  
**NAME UPDATED:**  
**ADDR UPDATED:**  
**BAD ADDR INDICATOR:** N  
  
**CLEAN UP STATUS:** ANTD - APPROVED - NO TASK LEVEL DATA  
**CLEANUP STATUS DATE:** 10-09-2000  
**RANK:** 14611  
  
**RP ID:** 25683  
**RP ROLE:** ACCOUNT OWNER  
**RP BEGIN:** 02-23-1994  
**NAME:** DISBROW, RONALD  
6846 COLLINGSWOOD CT  
NEW PORT RICHEY FL 34655  
  
**PHONE:** (813) 372-9402

**DISCHARGE INFORMATION**

**DISCHARGE DATE:** 12-13-1993  
**POLLUTANT:** D - VEHICULAR DIESEL  
**COMBINED:**  
**SCORE:** 5  
**SCORE DATE:** 11-04-1997  
**GAL DISCHARGED:**  
**DRINK WELLS AFFECTED:** 0  
**MONITORING WELLS:** N  
**SOIL AFFECTED:** Y  
**S WATER AFFECTED:** N  
**G WATER AFFECTED:** N  
**CLEANUP ELIG:** E - ELIGIBLE  
  
**CLEANUP REQUIRED:** R - CLEANUP REQUIRED  
**WORK STATUS:** INACTIVE  
**INFO SOURCE:** D - DISCHARGE NOTIFICATION  
**OTHER SOURCE:**  
**SITE MANAGER:**  
**MANAGER END DATE:**  
**TANK OFFICE:**

**UST INFORMATION**

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**TARGET SITE:** STATE ROAD 52  
SAN ANTONIO FL 33576

**JOB:** T03-E-036  
STATE ROAD 52, SAN ANTONIO, FLORIDA

<u>Street Name</u>	<u>Dist/Dir</u>	<u>Street Name</u>	<u>Dist/Dir</u>
Brian Dr	0.14 NW		
Commerce Dr	0.13 NE		
Corporate Lake Blvd	0.00 --		
Dana Dr	0.06 NW		
Emmaus Cemetery Rd	0.01 NW		
I-75	0.04 NW		
McKendree Rd	0.01 SW		
Pasco Rd	0.00 --		
State Road 52	0.00 --		
Storch Ln	0.00 --		
Warder Rd	0.25 NW		

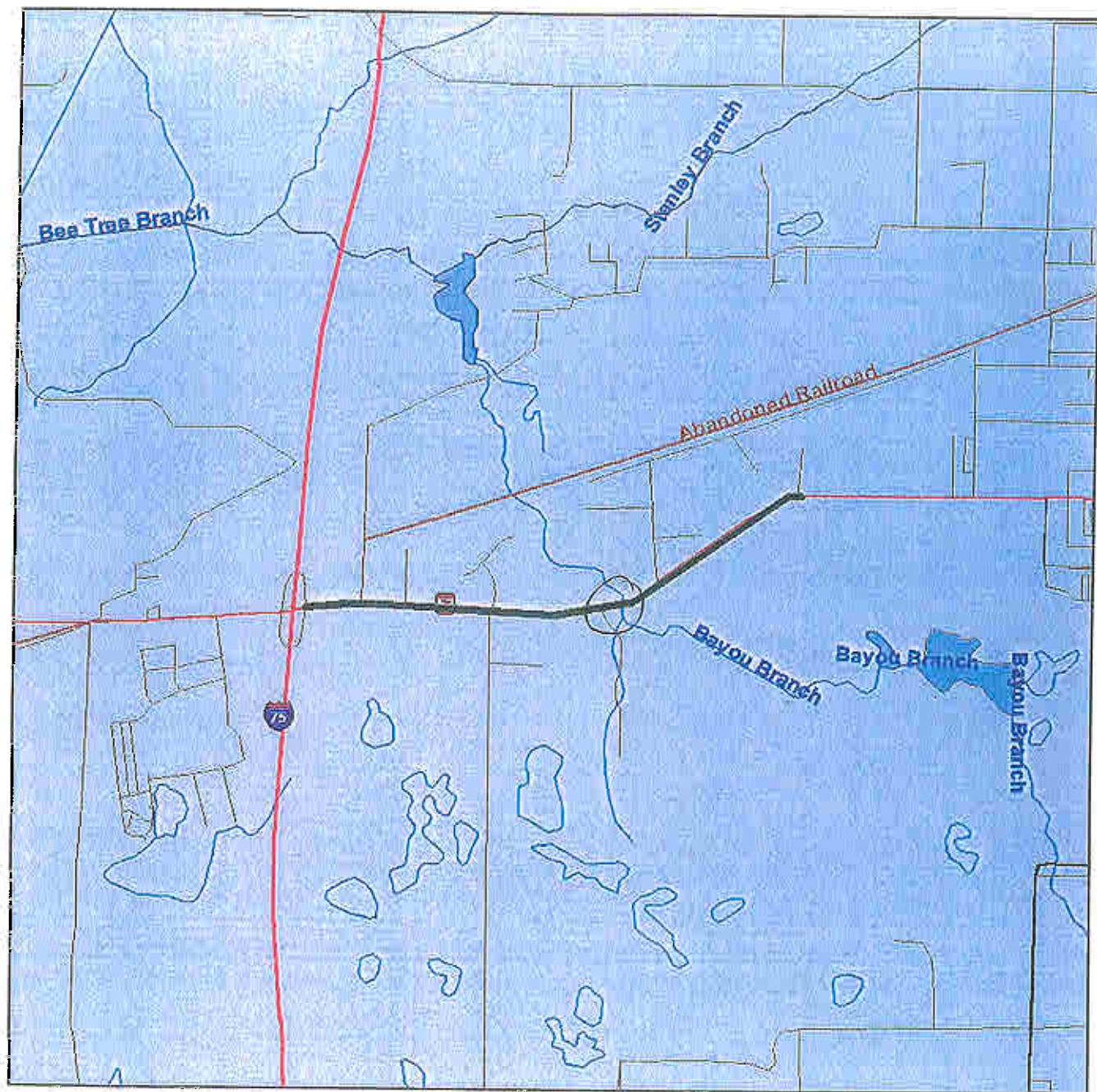


# Environmental FirstSearch

1 Mile Radius from Line  
ASTM Map: NPL, RCRACOR, STATE Sites



STATE ROAD 52 , SAN ANTONIO FL 33576



Source: 2001 U.S. Census TIGER Files

- Linear Search Line .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
Railroads .....  
Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



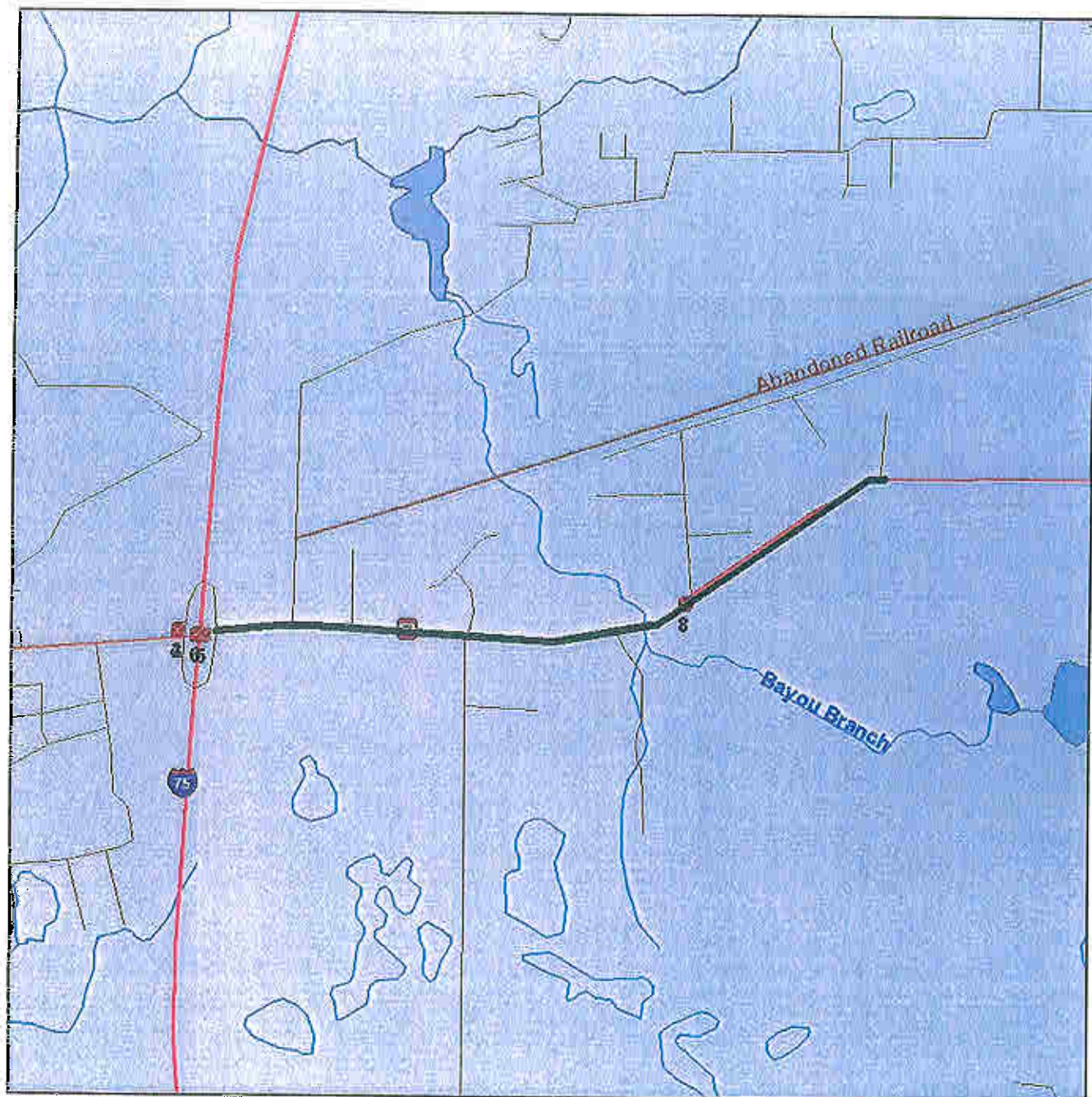


## Environmental FirstSearch

.5 Mile Radius from Line  
ASTM Map: CERCLIS, RCRATSD, LUST, SWL



STATE ROAD 52 , SAN ANTONIO FL 33576



Source: 2001 U.S. Census TIGER Files

- Linear Search Line .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....
- Railroads .....
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



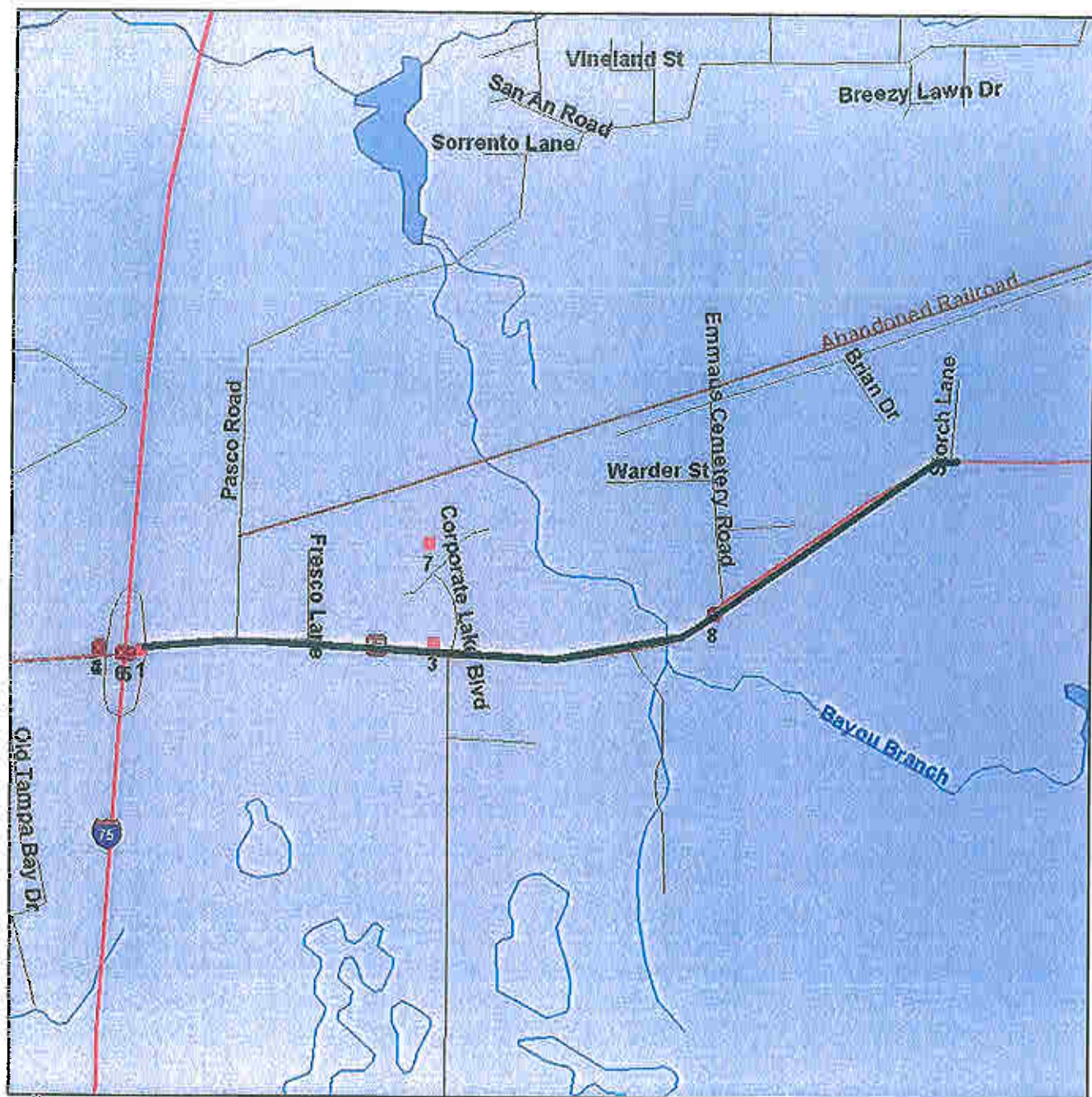


## Environmental FirstSearch

.25 Mile Radius from Line  
ASTM Map: RCRAGEN, ERNS, UST



STATE ROAD 52 , SAN ANTONIO FL 33576



Source: 2001 U.S. Census TIGER Files

- Linear Search Line ..... 
- Identified Site, Multiple Sites, Receptor .....   
- NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste ..... 
- Railroads ..... 
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

## **APPENDIX F**

### **Site Photographs**





**Photo 1:** View from east end of project area looking west along State Road 52.



**Photo 2:** View of mobile home community located to the north of State Road 52 near the east end of the project area.





**Photo 3:** View from northeast of Bayou Branch looking southwest along State Road 52. The small bridge over Bayou Branch can be seen in the background of the photo.



**Photo 4:** View looking south from State Road 52 at proposed location of Pond C-1



**Photo 5:** View looking south at the Ralard Printers facility located south of State Road 52, near the eastern end of the project area.



**Photo 6:** View looking northeast at cattle pastureland located north of State Road 52 near the central portion of the project area.





**Photo 7:** View looking southeast at pastureland located south of State Road 52 near the central portion of the project area.



**Photo 8:** View looking east along State Road 52 near central portion of the project area.



**Photo 9:** View looking north at proposed location of stormwater pond B-1.



**Photo 10:** View of the diesel powered generator at the lift station near the southeast corner of McKendree Road and State Road 52.





**Photo 11:** View of the Marathon Coach facility located at 11623 Corporate Lake Boulevard, north of the central portion of the project area.



**Photo 12:** View looking northeast at the former truck stop facility located at the northwest corner of State Road 52 and Pasco Road.



**Photo 13:** View looking northwest at the diesel fueling islands at the Flying J Truck Stop located north of State Road 52 near the western end of the project area.



**Photo 14:** View looking north at the gasoline fueling islands at the Flying J Truck Stop located north of State Road 52 near the western end of the project area.





**Photo 15:** View looking northeast at a vacant lot, which used to be occupied by the former Chevron #47132 facility.



**Photo 16:** View looking southeast at the partially wooded property located south of State Road 52 at the western end of the project area.



**Photo 17:** View looking south at the proposed location of proposed stormwater pond A-1.



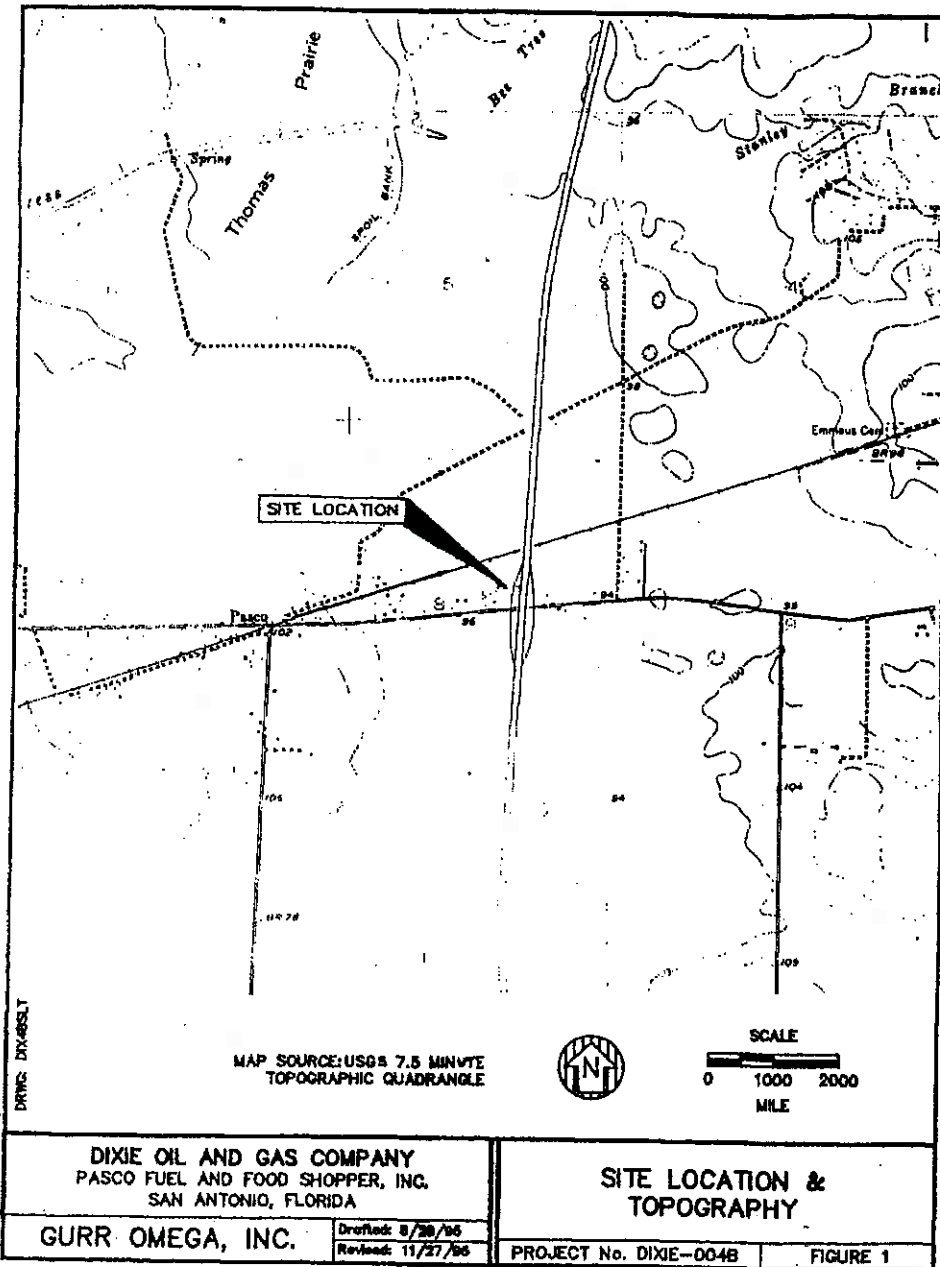
**Photo 18:** View from west of the western end of project area looking east along State Road 52.

## **APPENDIX G**

### **Regulatory File Review Data**

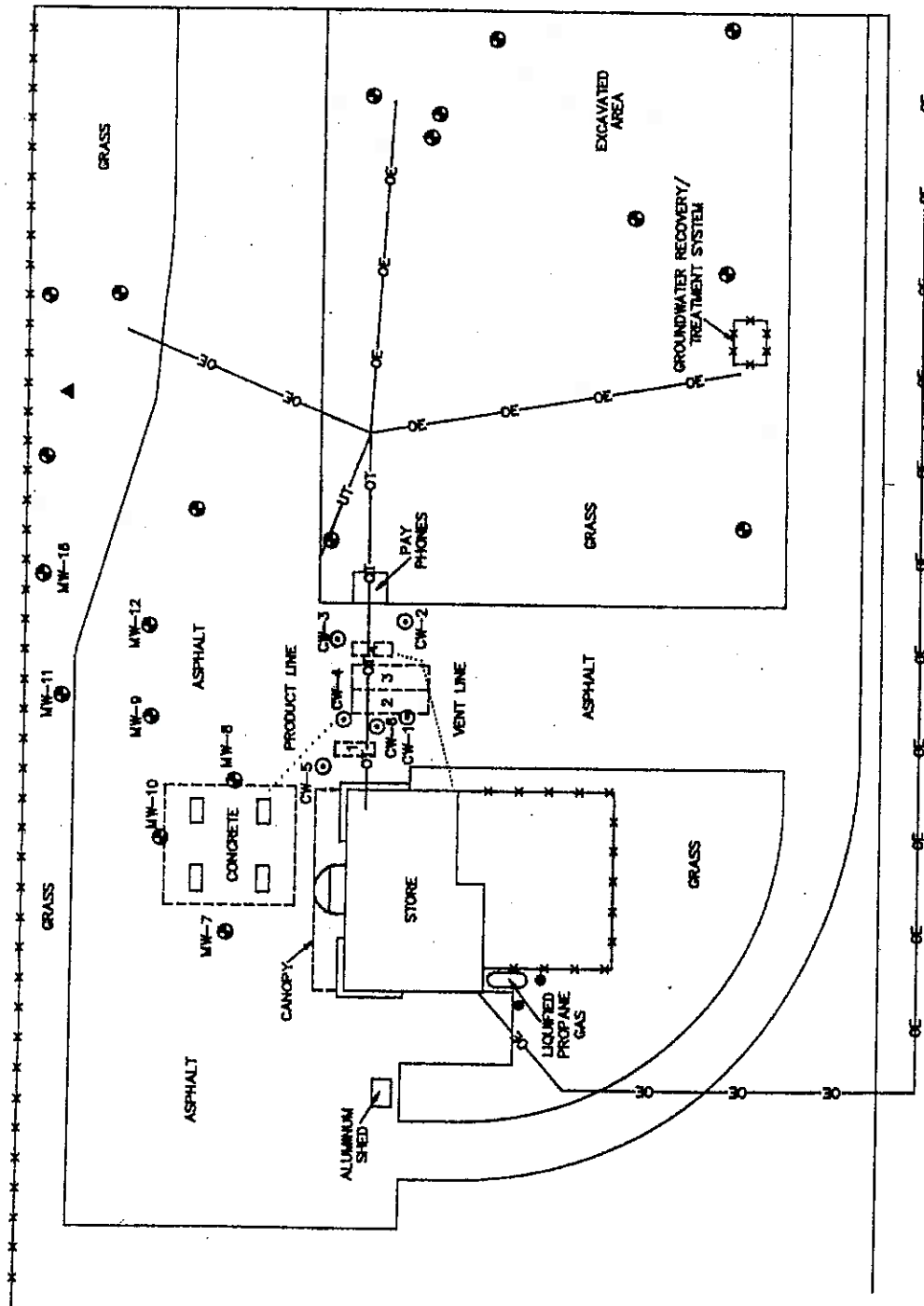


**Regulatory Research Information**  
**Former WareCo #669**  
**FDEP Facility No. 518630460**



Former WareCo  
Service Station  
#669

Source:  
Contamination  
Assessment  
Report  
dated December 29, 1995



- LEGEND**
- SHALLOW MONITOR WELL LOCATION
  - ▲ DEEP MONITOR WELL LOCATION
  - ⊙ COMPLIANCE WELL LOCATION
  - WATER WELL LOCATION
  - UT UNDERGROUND TELEPHONE LINE
  - OT OVERHEAD TELEPHONE LINE
  - OE OVERHEAD ELECTRIC LINE

NOTE: ALL UNLABELED WELLS WERE INSTALLED IN CONJUNCTION WITH THE ASSESSMENT CONDUCTED AT THE ADJACENT SITE.



DIXIE OIL COMPANY  
PASCO FUEL AND FOOD SHOPPER, INC.  
SAN ANTONIO, FLORIDA

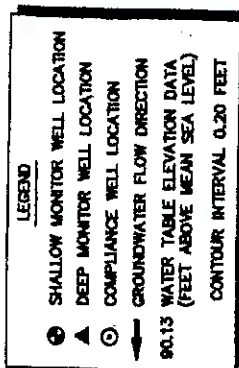
Drafted: 1/21/85  
Revised: 10/24/85

GURR OMEGA, INC.

# SITE PLAN & UTILITY SURVEY

PROJECT No. DIXIE-004B

FIGURE 2



A horizontal scale bar with markings at 0, 25, and 50 feet. The word "SCALE" is written vertically above the bar, and "FEET" is written vertically below the bar.



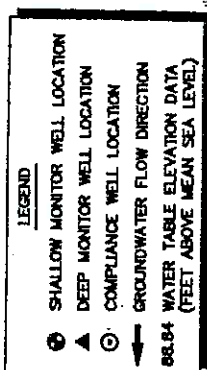
**DIXIE OIL COMPANY**  
PASCAGO FUEL AND FOOD SHOPPER, INC.  
SAN ANTONIO, FLORIDA

**GURR OMEGA, INC.**

Doc 454717

**WATER TABLE ELEVATION  
CONTOURS (3/6/95)**

PROJECT No. DIXE-004B	FIGURE 6
-----------------------	----------



SCALE

0 25 50 FEET



**DIXIE OIL COMPANY**  
PASCO FUEL AND FOOD SHOPPER, INC.  
SAN ANTONIO, FLORIDA

**Drafted:** 8/23/95  
**Revised:** 9/1/95

**GURR OMEGA, INC.**

**WATER TABLE ELEVATION  
CONTOURS (4/21/95)**

PROJECT No. DIXIE-004B	FIGURE 7
------------------------	----------

## 2.0 REGIONAL GEOLOGY AND HYDROGEOLOGY

The geologic framework of Pasco County as described by Wetterhall (1964), is characterized by undifferentiated sand and clay to a maximum depth of 250 feet below land surface (BLS). The undifferentiated sands and clays are underlain by a thick sequence of carbonates beginning with the Tampa Formation, followed by the Suwannee Formation, Ocala Group, Avon Park Formation and Lake City Formation in descending order.

The Tampa Formation is described as white to gray, fossiliferous limestone with an extremely variable thickness due to erosional top and bottom surfaces. The Tampa Limestone is not considered a major source of water in the area.

The Suwannee Formation is described as white to yellow, fine grained, fossiliferous limestone and, including the Tampa, may be present in excess of 300 feet thick. Most domestic and many irrigation wells produce from the lower part of the Suwannee Limestone.

The Ocala Group varies from soft chalky white to tan coquinoid limestone in the upper zones to hard, fossiliferous, brown to gray dolomitic limestone toward the base. The base of the Ocala Group is highly permeable and yields large quantities of water for the area. The Ocala Group has been measured in excess of 150 feet thick in the study area.

The Avon Park and Lake City Formations are characterized by soft to hard fossiliferous, brown limestone with dark brown beds of



dolomitic limestone. The lithology of the two formations is very similar.

The thickness of the Avon Park limestone in Pasco County ranges from 50 to 500 feet. The upper zone of the Avon Park, commonly dolomitic, is highly permeable and yields large quantities of water.

The thickness of the Lake City formation is about 500 feet in Pasco County and highly permeable yielding large quantities of water. The Lake City formation is not commonly used as a potable water source due to its depth.

The principal, and in places, only water producing aquifer in Pasco County is the Floridan aquifer which comprises all or part of the Lake City, Avon Park, Ocala Group, Suwannee and Tampa Formations. A surficial aquifer may be present in the undifferentiated sands and clay where conditions permit (i.e. confining units competent enough to impede downward percolation of rainwater for a significant length of time).

The geology of the area results in erratic and variable groundwater movement in regards to both direction and flow velocity. According to Wetterhall (1964), horizontal layering and vertical jointing of the limestones result in varying horizontal and vertical permeabilities. Differences of permeability are reflected in the amount of water that can be produced from a given zone and relative water levels from one location to another are dependent on screen interval within the same aquifer system.





Other factors which may possibly be affecting the movement of groundwater in the area are the many municipal well fields present throughout Pasco and Hillsborough counties, producing high volumes of water (500,000 gallons) each day.



## 6.0 CONCLUSIONS AND RECOMMENDATIONS

Quality control sample analysis revealed no significant inconsistencies in sampling or analytical procedures.

### 6.1 SOIL QUALITY

Based on organic vapor analysis of samples collected from the unsaturated zone, excessively contaminated soil is present within one confined area of the site (Figures 8 and 9) as defined by an OVA concentration greater than 50 ppm. Table 3 lists the results of the soil assessment. The high OVA values show that this is probably a result of gasoline contamination from minor leaks/spills from the pump island. Approximately 524 cubic yards of excessively contaminated soil is present in the unsaturated zone. Since this area is paved and sealed, the migration of contamination due to leaching is not likely to occur.

### 6.2 GROUNDWATER QUALITY

Dissolved petroleum compounds in excess of FDEP target levels were measured in groundwater samples collected at the Pasco Food and Fuel Shopper facility in San Antonio, Florida (Table 4). The distribution of hydrocarbon contaminants in groundwater is shown in Figure 10. Data concerning groundwater contamination is presented graphically in Figures 11 and 12 and summarized as follows:

- Three dissolved contaminants were present above FDEP target levels in the groundwater at this site. A concentration of 110 ppb of MTBE was detected in monitor well MW-9. The only other well at the facility with a detectable concentration of MTBE



**Gurr Omega**  
environmental  
services

was monitor well MW-8 (3.8 ppb). Benzene was present with a concentration of 14 ppb, above the FDEP target level of 1 ppb, in monitor well MW-8.

- Compliance well CW-6 showed a concentration of 265 ppb for total PAHs excluding naphthalenes during the sampling event conducted on January 25, 1995. In addition, the Total Recoverable Petroleum Hydrocarbon (TRPH) concentration in compliance well CW-6 was 21 ppm, above the target level of 5 ppm. However, compliance well CW-6 was subsequently resampled on August 25, 1995, and analyzed for all parameters tested under EPA Method 610. All contaminant concentrations tested were determined to be below detection limits.
- Elevated lead concentrations were found in monitor wells CW-2 and MW-8. However, water quality sampling data forms for these wells showed high sample turbidity for the extracted groundwater. These elevated concentrations can be directly attributed to the sample turbidity.

No free product has been reported in any of the monitor wells during site investigation activities.

In conclusion, the groundwater contaminant plume does not appear to be migrating in any given direction. The soil contamination located in the unsaturated zone is covered by an impermeable asphalt layer restricting potential leaching to the groundwater. It is recommended by GURR that a limited scope Remedial Action Plan (RAP) be performed to remediate the excessively contaminated soil currently present at the site. Once this is complete, the site should then be placed under a Monitoring Only Plan (MOP) due to the limited presence of groundwater contamination.



GRASS

ASPHALT

ASPHALT

GRASS

ASPHALT

GRASS

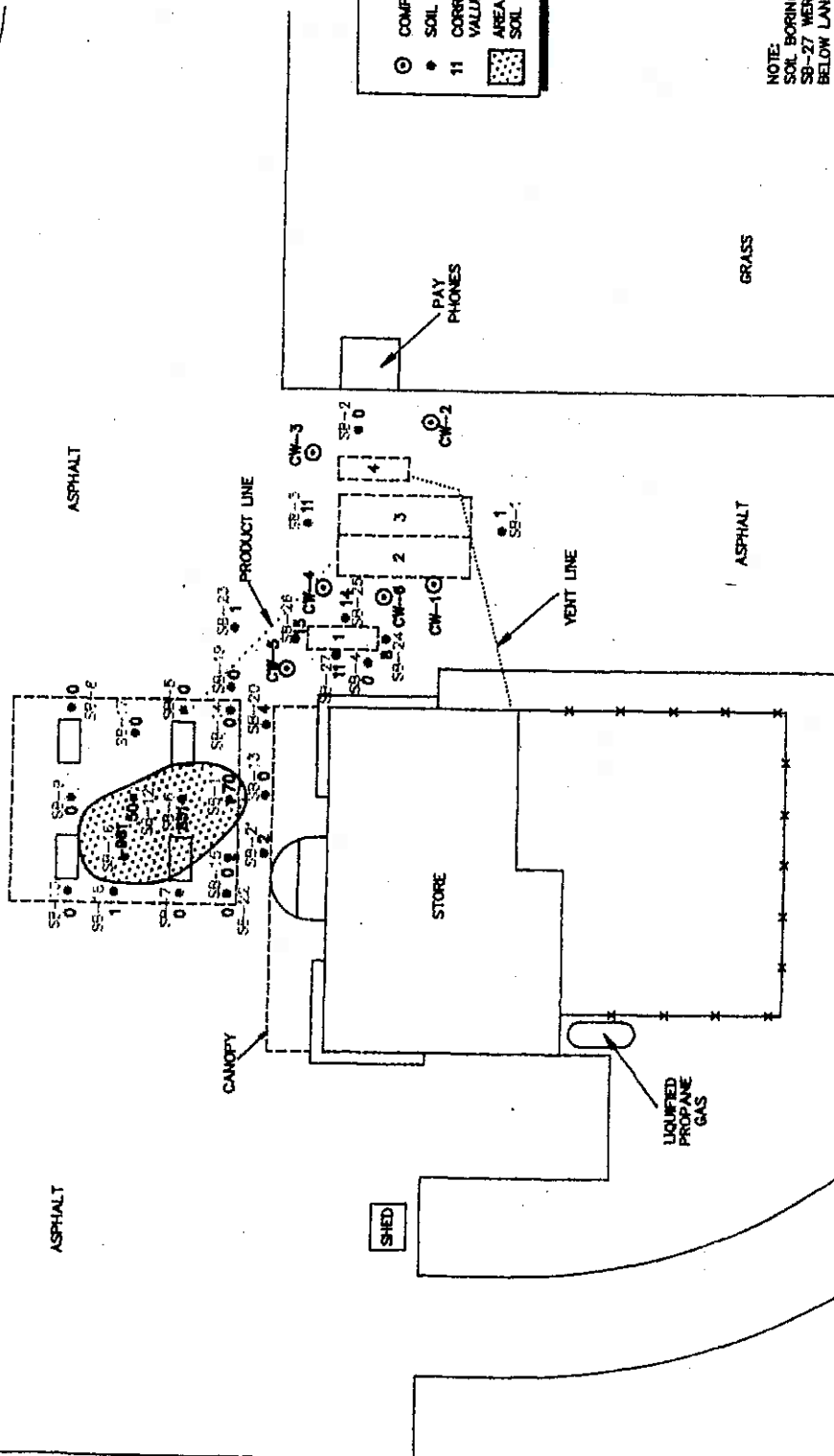


SCALE  
0 15 30  
FEET

LEGEND

- COMPLIANCE WELL LOCATION
- SOIL BORING LOCATION
- 11 CORRECTED OVA CONCENTRATION VALUE (ppm)
- AREA OF EXCESSIVELY CONTAMINATED SOIL (>50 ppm)

NOTE:  
SOIL BORINGS SB-24 THROUGH  
SB-27 WERE PERFORMED AT 1 FOOT  
BELOW LAND SURFACE.



DIXIE OIL COMPANY  
PASCO FUEL AND FOOD SHOPPER, INC.  
SAN ANTONIO, FLORIDA

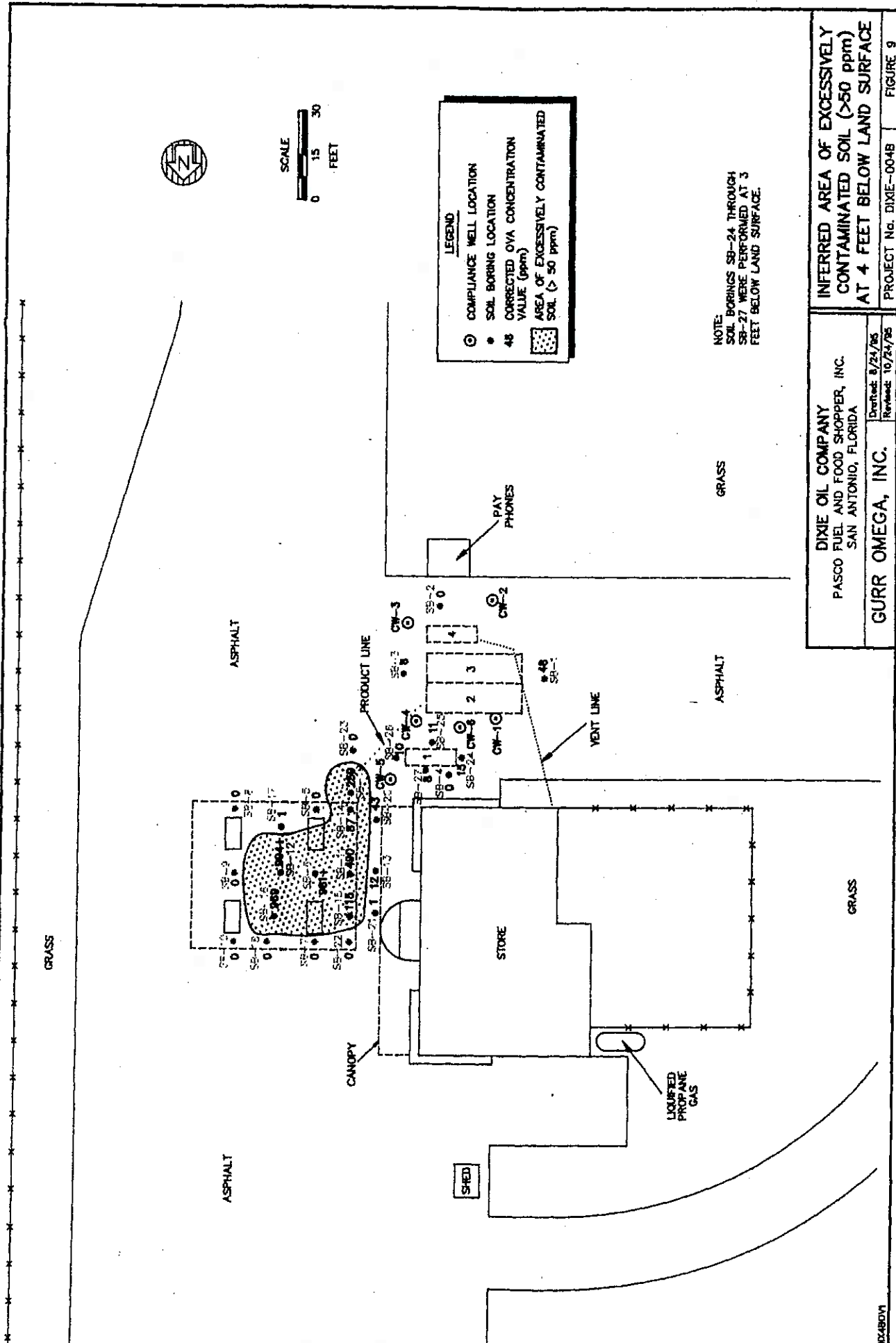
Drafted: 8/24/95  
Revised: 8/25/95

GURR OMEGA, INC.

INFERRED AREA OF EXCESSIVELY  
CONTAMINATED SOIL (>50 ppm)  
AT 2 FEET BELOW LAND SURFACE

PROJECT No. DIXIE-004B

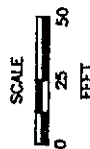
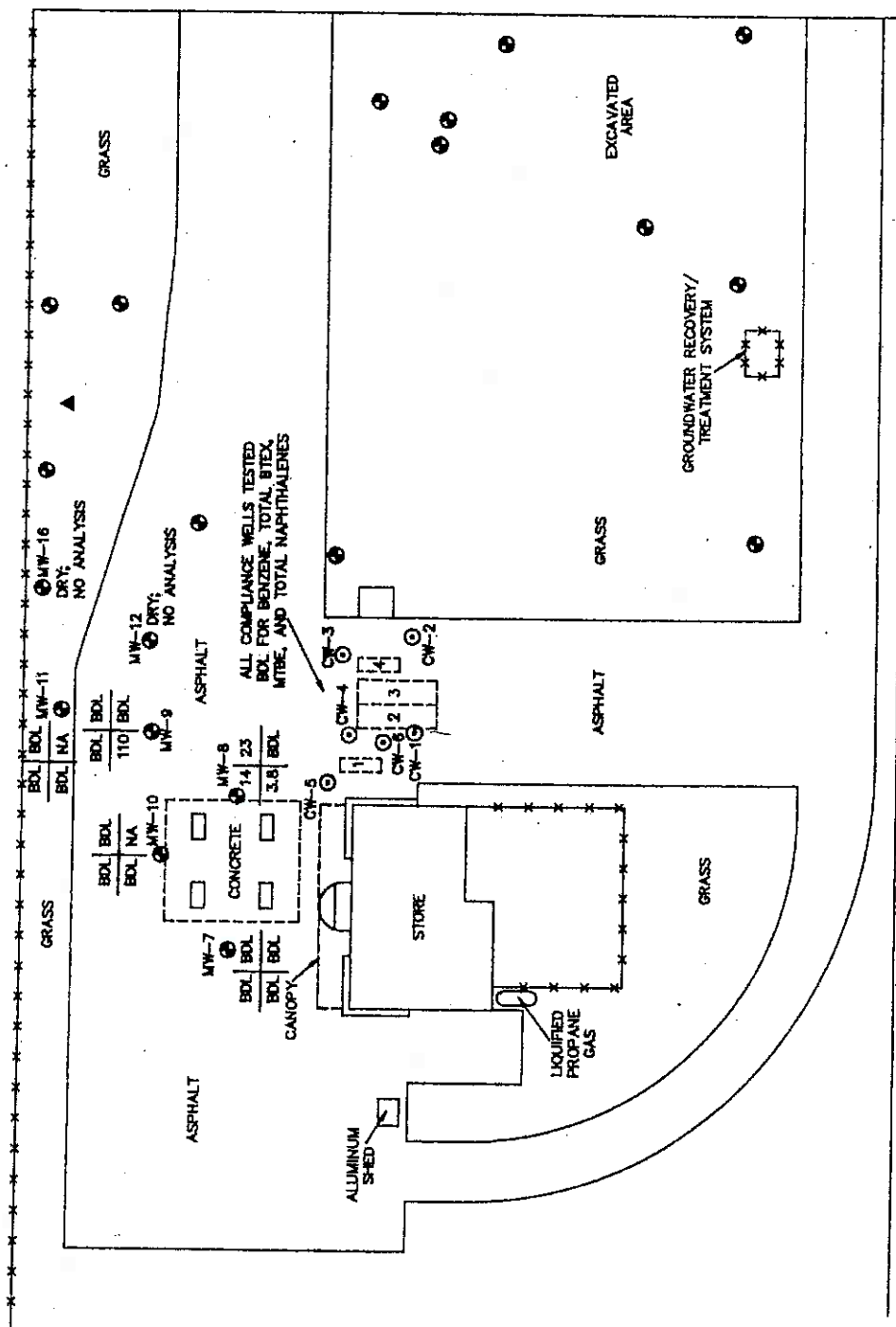
FIGURE 8



DIXIE OIL COMPANY PASCO FUEL AND FOOD SHOPPER, INC. SAN ANTONIO, FLORIDA	INFERRED AREA OF EXCESSIVELY CONTAMINATED SOIL (>50 ppm) AT 4 FEET BELOW LAND SURFACE	
	PROJECT No. DIXIE-004B	FIGURE 9

Definite: 8/24/75  
Revised: 10/24/75

GURR OMEGA, INC.



**DIXIE OIL COMPANY**  
 PASCO FUEL AND FOOD SHOPPER, INC.  
 SAN ANTONIO, FLORIDA

**GURR OMEGA, INC.**

Drafted: 9/1/85  
 Revised: 11/22/85

**DISTRIBUTION OF HYDROCARBON  
 CONTAMINANTS IN GROUNDWATER**

PROJECT No. DIXIE-004B

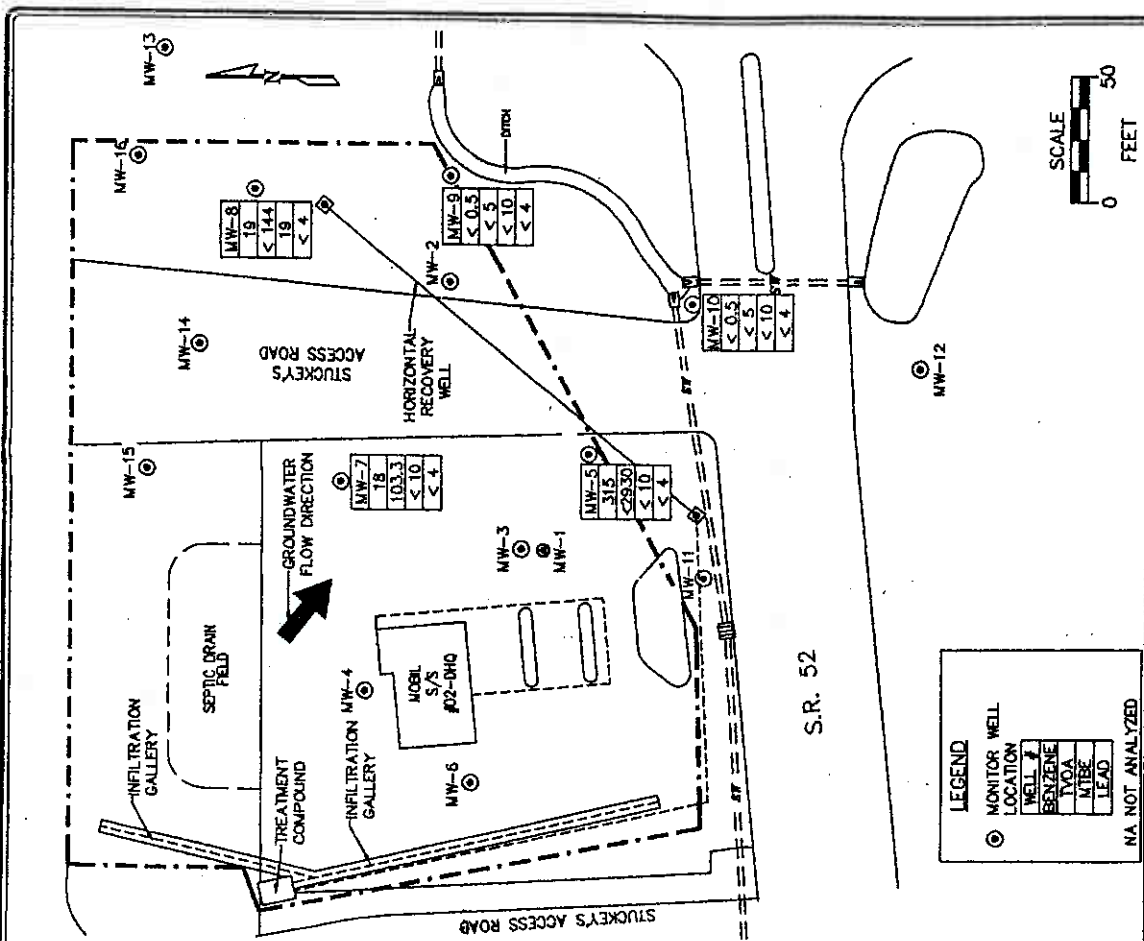
FIGURE 10

**Regulatory Research Information**  
**Mobil #02-DHQ**  
**FDEP Facility No. 518519953**



Mobil  
#02-DHQ

Source:  
Second  
Annual  
Remedial  
Action Plan  
Implementation  
Status  
Report  
dated  
February 10, 1995

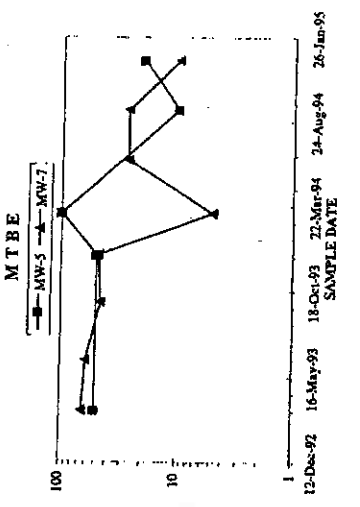
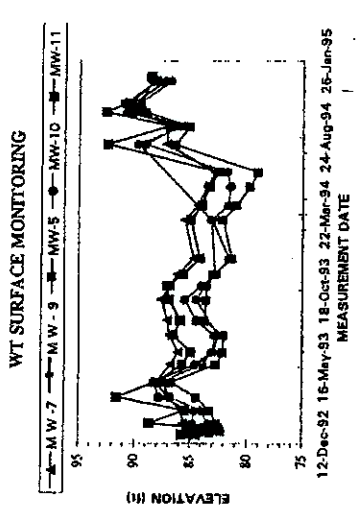
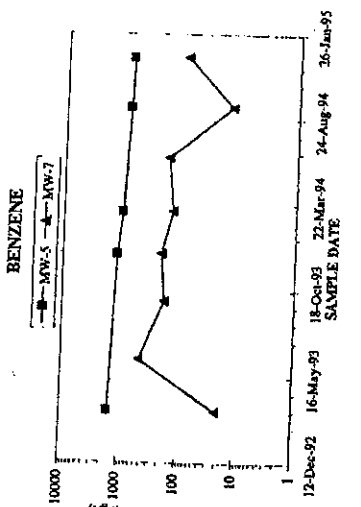
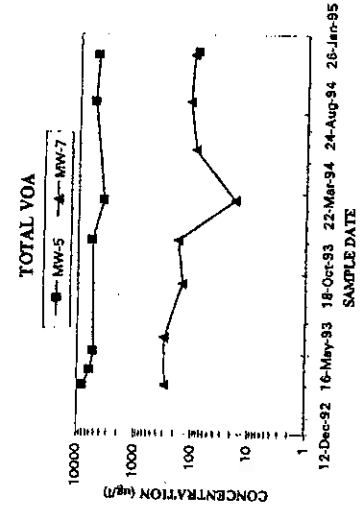


**LEGEND**

○ MONITOR WELL LOCATION

WELL #
BENZENE
TVOA
MTBE
LEAD

NA NOT ANALYZED

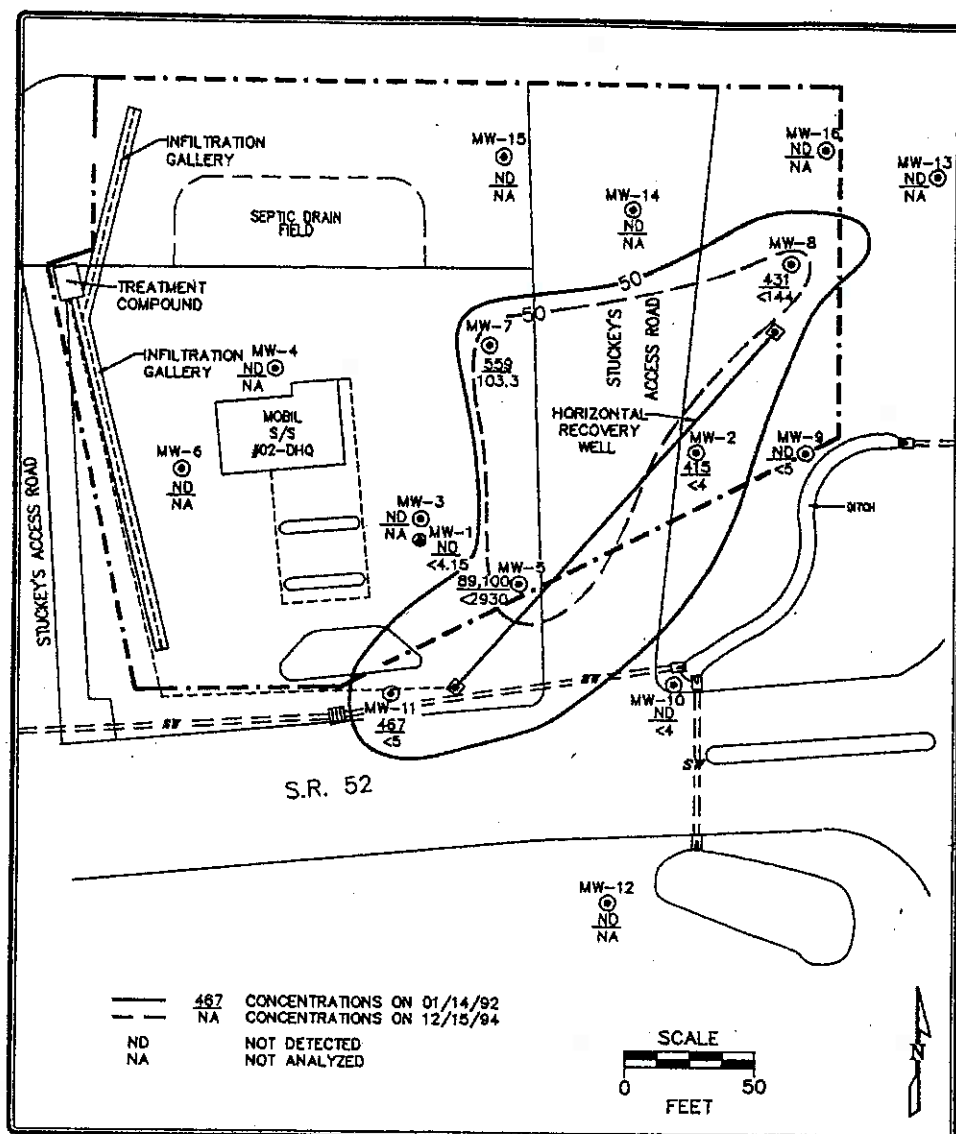


**ViroGroup**

**AIR • WATER • SOIL TECHNOLOGY**

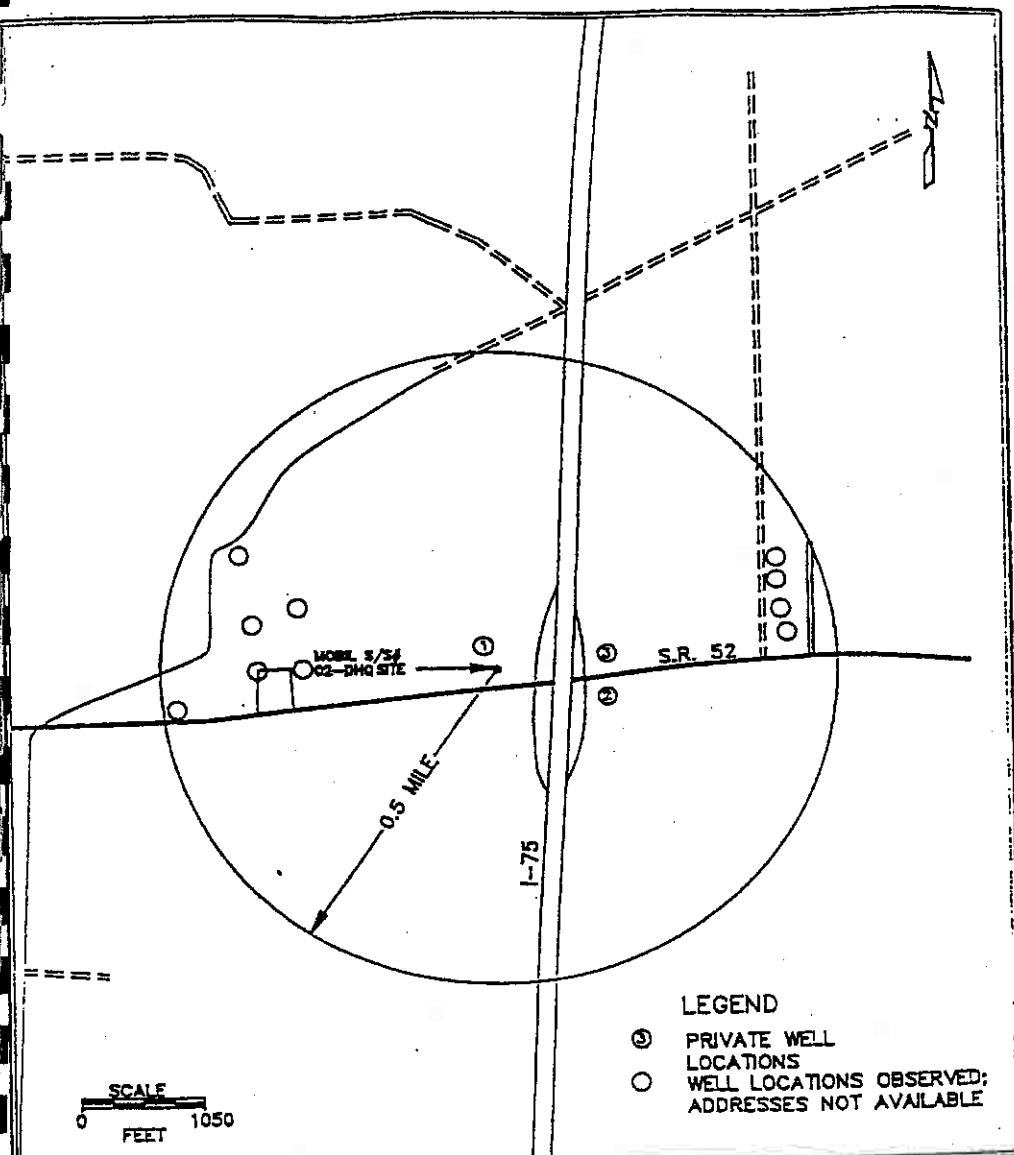
DRN. BY: M.L. DWG. NO. 31-000518 DATE: 02/02/95

PROJECT NAME: MOBIL S/S #02-DHQ PROJECT NUMBER: 03-01400.07



<b>ViroGroup</b>	<b>AIR • WATER • SOIL TECHNOLOGY</b>		<b>FLORIDA DIVISION</b>
	DRN. BY: M.J. DWG NO. 31400V08	DATE: 02/02/95	
	PROJECT NAME: MOBIL S/S #02-DHQ	NUMBER: 03-01400.07	

FIGURE 2. COMPARATIVE DISSOLVED TOTAL VOA CONCENTRATIONS



**ViroGroup**

**AIR • WATER • SOIL TECHNOLOGY**

**FLORIDA  
DIVISION**

DRN. BY: M.J. DWG NO. 31400V08

DATE: 02/02/93

PROJECT NAME: MOBIL S/S #02-DHQ

NUMBER: 03-01400.07

FIGURE 4. POTENTIAL RECEPTOR MAP



## Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

February 2, 1996

Julie L. Heck  
Mobil Oil Corporation  
23110 State Road 54, #364  
Lutz, Florida 33549

RE: Former Mobil S/S #02-DHQ  
8388 State Road 52  
Dade City, Florida  
Facility ID #518519953

Dear Ms. Heck:

The Engineering Support Section of the Bureau of Waste Cleanup has reviewed your request for a Monitoring Only/Passive Remediation plan for the above-referenced site. Based on comparison of the December 1995 groundwater sampling results with the data in the May 1995 status report, we concur that the site qualifies for a Monitoring Only Plan. We recommend that MW-5, MW-7, MW-8, and MW-9 be monitored on a quarterly basis. The normal duration for an MOP is one year; however, we will consider the December 1995 sampling to be the first quarter of the MOP so that only three additional quarters of sampling will be required.

Your response to this letter will comprise the MOP proposal in accordance with 62-770.660, F.A.C. We will issue a formal MOP approval letter upon receipt of the MOP proposal. If you have any questions, please feel free to call me at (904) 488-3935.

Sincerely,

Jeffrey D. Lockwood, P.E.  
Engineering Support Section

JDL/wp

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

**Regulatory Research Information**  
**Petrol Mart #116**  
**FDEP Facility No. 519046744**



# Florida Department of Environmental Protection

Room 1000, Capitol Building, Tallahassee, Florida 32309-3000

Petrol Mart

(904) 497-6000

Florida Department of Environmental Protection

Florida Department of Environmental Protection

Florida Department of Environmental Protection

Florida Department of Environmental Protection

## Discharge Reporting Form

Use this form to notify the Department of Environmental Protection of:

1. Results of fuel richness testing that exceed applicable regulatory limits by a factor of receipt of test result
2. Fuel spillage exceeding 25 gallons on pavements or surfaces as described in Section 62-761.190 F.A.C., within one working day of discovery.
3. Hazardous substance (F.P.C.A. regulated), discharge exceeding applicable reportable quantities established by 62-761.190 F.A.C., within one working day of the discovery.
4. Within one working day of discovery of suspected release, confirmed by: (a) released regulated substances or pollutants detected in the surrounding area, (b) unusual and unexplained stoppage system operating conditions, (c) monitoring results from a leak detection method or from a leak detection assessment that indicate a release may have occurred, or (d) manual leak-pronging results to indicate 550 gallons or less, exceeding ten gallons per weekly test or five gallons averaged over four consecutive weekly tests.

Mail to the DEP District Office in your area

PLEASE PRINT OR TYPE

Complete all applicable blanks

1. DEP File ID Blank: 51/10/10744 Tank Number: UNK

3. Date: 2/4/78

2. Facility Name: DIXIE BOY #7

Facility Owner or Operator: WORSELEY COMPANIES, INC.

Facility Address: 29602. SR 52, SAID HARBOR FL

Telephone Number: 910/3755 Location: TASC

Mailing Address: P.O. Box 3777 WILMINGTON, NC 28406

5. Date of receipt of test results or discovery: 2/3/78

month/day/year

6. Method of initial discovery (circle one only)

A. Visual detection (automated or manual)

B. Vapor detection (automated or manual)

C. Helium test (underground tanks only)

D. Emptying and inspection

E. Inventory control

F. Vapor or visible sign of a discharge in the vicinity

G. Closure

(explain)

Other: ENUC RADIOMETER ANALYST

602/610 ANALYST

7. Estimated number of gallons discharged: UNKNOWN

8. What part of storage system has leaked? (circle all that apply): A. Dispenser B. Pipe C. Filling D. Tank ☒ Unknown

9. Type of regulated substance discharged (circle one)

A. Fuel oil (gasoline)

B. Diesel fuel

C. Gasoline

D. Jet fuel

E. Used waste oil

F. Diesel

G. Petroleum oil

H. Hazardous substance includes pesticides, ammonia

chlorine and derivatives (circle in name or Chemical

Abstract Service (CAS number)

Z. Other (write in name)

10. Cause of leak (circle all that apply)

A. Dispenser

B. Loose connection

C. Pressure

D. Spill

E. Other (specify)

F. Pipe

G. Corrosion

H. Installation failure

I. Overfill

11. Type of fuel or quantity (circle one)

A. Fuel quantity (circle one)

B. Fuel quantity (circle one)

C. Fuel quantity (circle one)

D. Not applicable

E. None

12. I, the undersigned, certify and believe all information submitted on this form is true, accurate, and complete.

Print Name of Owner, Operator or Authorized Representative

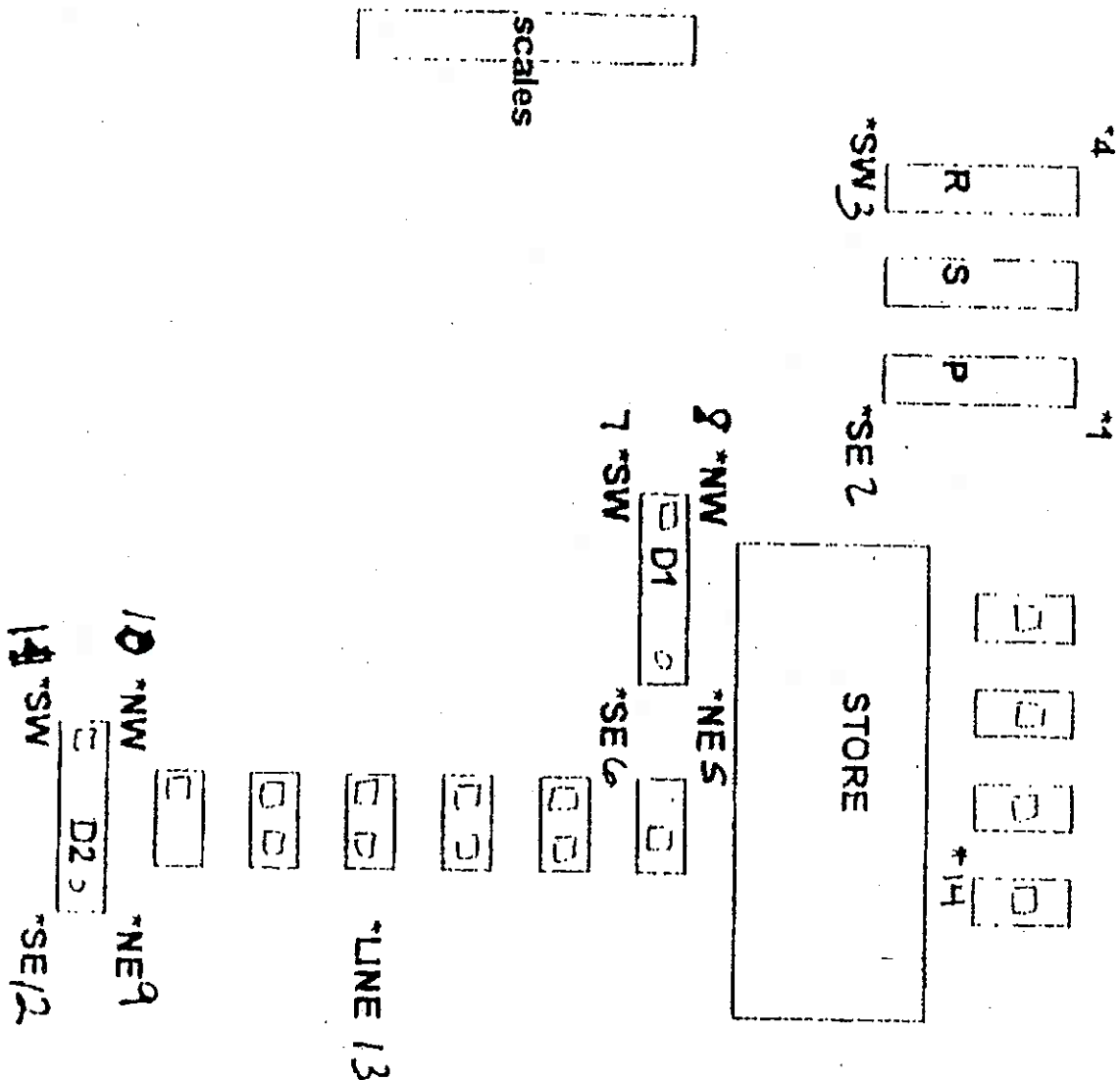
Signature of Owner, Operator or authorized Representative

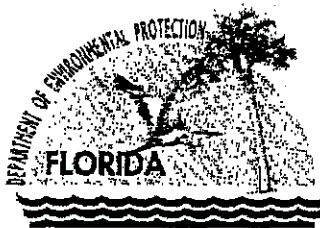


29602 SR 52  
SAN ANTONIO, FL  
TEXACO

not to scale

SR 52





Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

February 1, 2002

**-CERTIFIED MAIL-RETURN RECEIPT REQUESTED-**

Mr. Don Quinn  
Worsley Companies, Inc.  
Post Office Box 3227  
Wilmington, North Carolina 28406

Petrol Mart #116

RE: Dixie Boy #7 - 29602 State Road 52, San Antonio, FL  
Incident Date: February 3, 1998 - DEP Facility #519046744  
Total Deductible: \$10,000.00

Dear Mr. Quinn:

**This Amended Order of Eligibility shall upon its becoming final, supercede the Order of Ineligibility entered for this site on October 27, 1998, and that Order of Ineligibility shall be of no effect.**

In accordance with Section 376.3072, Florida Statutes (F.S.), the Department has completed its review of documentation submitted for eligibility under the Florida Petroleum Liability and Restoration Insurance Program (FPLRIP). The Department has determined that the contamination related to the storage of petroleum products as defined in Section 376.301(31), F.S., at this site is **eligible** for state-funded remediation assistance. In accordance with Section 376.30711, F.S., future state assisted rehabilitation will be dictated by the site's priority ranking score, and shall be conducted on a pre-approval of scope of work and costs basis. The Department will notify you regarding the start of site remediation at a later date.

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57, Florida Statutes ("F.S."), within 21 days of receipt of this Order. Persons who have filed such a petition may seek to mediate the dispute, and choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing and pursuing mediation are set forth below.

**Regulatory Research Information**  
**Chevron #47132**  
**FDEP Facility No. 518515028**

Use this form to notify the Department of Environmental Regulation of petroleum discharge incidents. This form is required to determine eligibility for the EDI program. FOR NOTIFICATION PURPOSES ONLY.

RECEIVED  
DEC 18 1988

PLEASE PRINT OR TYPE

Put "X" where answer is unknown.

1. Business/Site Name: Chevron #47132 515814  
Business/Site Operator: \_\_\_\_\_  
Business/Site Owner: Chevron USA Inc. Property Owner: \_\_\_\_\_  
Business/Site Address: 8799 S.R. 52 Saddle Creek, El (I-75 + SR 52)  
Telephone Number: 404-984-3000 / \_\_\_\_\_ County: Polk  
(Business) (Home)  
Mailing Address: P.O. Box 1706 Atlanta, GA 30301  
2. Date of discovery: 7-6-88 (month/day/year)  
3. Have you previously reported this discharge to DER? ☐ No ☒ Yes 7-7-88 DER  
If yes, date of report and to whom  
4. Method of initial discovery (circle one only)  
A. Automatic detector in ground, monitoring well, or containment  
B. MPA 329 test (underground tanks only)  
C. Manual test of monitoring wells(s)  
D. Emptying and inspection  
E. Inventory control  
F. Odor or visible signs at facility or in vicinity  
G. Other \_\_\_\_\_ (explain)  
5. Estimated number of gallons lost: No known loss  
6. What part of the storage system is leaking? (circle all that apply)  
A. Dispenser B. Pipe C. Fitting  
D. Tank E. Overfill F. Unknown  
Has the system been repaired? ☐ No ☐ Yes ☐ Unknown  
7. Cause of leak (circle all that apply)  
A. Unknown B. Split C. Loose Connection D. Other \_\_\_\_\_  
E. Installation failure F. Overfill G. Accident H. Other \_\_\_\_\_  
8. If a tank is leaking, circle the choices which describe the type  
A. Aboveground B. Bare or asphalt-coated steel C. Impressed current type  
D. Factory welded E. Fiberglass-reinforced steel F. Double walled  
G. Field erected H. Fiberglass I. Abandoned or out of service  
J. Underground K. Sacrificial anode type L. Other or unknown \_\_\_\_\_ (explain)  
9. Type of product discharged (circle one)  
A. Leaded gasoline B. Unleaded gasoline C. Gasohol or alcohol-enriched gasoline  
D. Vehicular diesel E. Aviation fuel F. Kerosene G. Used oil H. General diesel  
I. Other \_\_\_\_\_ (explain)  
J. Unknown Motor Fuel Only (explain)  
10. DER Facility Number \_\_\_\_\_  
11. DER Tank Number: 518515028  
12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE AND COMPLETE.  
Signature of Person Completing Form: John Boulton Title: Mobile Unit Date: 12-9-88

Chevron #47132

Project Number: TFO4950R05  
Facility Number: 47132

### MONITOR WELL

WATER ANALYSES  
EPA Method No. 602      Purgeable Aromatic Hydrocarbons      Concentration units: ppb

[illegible]



✓101588

# CHEVRON MONITORING WELL PPM REPORT

FACILITY # 47132  
ADDRESS 8799 State Road 52  
CITY/STATE Dade City, FL

ROUTE #  
OPERATING HOURS  
PHONE # (904)588-2782

MONTH	DATE SAMPLED	1	2	3	4	5	6	7
JANUARY								
FEBRUARY								
MARCH								
APRIL								
MAY								
JUNE								
JULY	7/14/88	1.1						
AUGUST	8/17/88	0						
SEPTEMBER								
OCTOBER	10/15/88							
NOVEMBER								
DECEMBER								



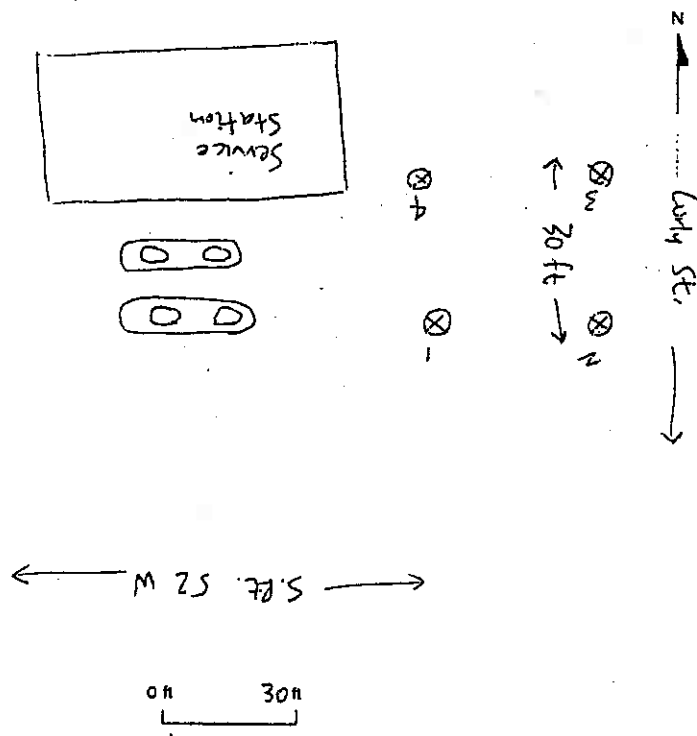
# LOCATION SKETCH

Well(s) 4 Project/No. TF04950205 Page 1 of 1

Site Location Chevron 47132, Dade City, FL

Observer DC/TZ

(Locate all wells, borings, etc. with reference to three permanent reference points; tape all distances; clearly label all wells, roads, and permanent features)



**CLOSED SITE**  
**EARLY DETECTION INCENTIVE PROGRAM COMPLIANCE VERIFICATION CHECKLIST**

BOX File # 515819 Placard ID # \_\_\_\_\_ DER Facility # 518515028

Site Name CHEVRON #47132

Site Address 8799 S.R. 52 + I75 DADE CITY

Site Contact/Telephone # 904 588-2914

Latitude 28°18'40" Longitude 82°19'00"

For the items below that may indicate non-compliance or gross negligence, please explain in detail and provide supporting documentation.

No Yes Not  
Required

1. Compliance with 376.3071

a. Provided inventory records

☐ ☐ ☒

b. Reconciled inventory

☐ ☒ ☒

c. Installed monitoring system

types: WELLS monitored: YES  
overfill type: RVD AVERSAH POSITIVE DISCHARGE - 27187511  
assessment wells: YES #1, 789 + 10  
OWS day and night protocol with depth well

d. Completed monthly monitoring system checks

☐ ☒ ☒

☒ ☐ ☐

2. Site access denied

name/title: N/A

3. Evidence of gross negligence

☒ ☒ ☐

4. Evidence of intent to conceal discharge

☒ ☒ ☐

5. Evidence of falsification of inventory or reconciliation records

☒ ☒ ☐

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Required
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

6. Evidence of intentional damage to petroleum storage system

7. Leak/loss as required by Chapter 17-61

a. Investigated - Thel 88 Leak evaluation  
3/1/89 tank + leak all right  
FCAR by Delta in Fall 1988-89  
 b. Repaired: closed date  
tank emptied and taken out of service 5/89

8. Leak reported or under investigation prior to 7/1/86

9. Enforcement action initiated on site prior to 7/1/86 (circle one) NOV or Court Complaint

10. Evidence of contamination problem

see attached leak analysis of data

If yes, check one

☐
☐
☒
☐

Check one

☒
☐
☐

Check those that apply

☐
☐
☐

a. Two monitoring wells/boreholes show > 2" free product

b. Monitoring wells shows < 2" free product or sheen

c. Monitoring wells are contaminated but no free product (odor)

d. Soil contamination and/or recent product loss

11. Contamination Product Type

a. Light petroleum (kerosene, gasoline, aviation fuel, etc.)

b. Heavy petroleum (fuel oil, diesel or similar petroleum products)

c. Unknown or other

12. Potable Water none

a. Within 1 mile: Large wells > 100,000 gpd

1. Direction (circle one) N S E W

2. Distance (use map scale)

b. Within 1 mile: Small wells < 100,000 gpd

1. Direction (circle one) N S E W

2. Distance (use map scale)

c. Surface water body used as a public water system

Remarks:

Station Closed

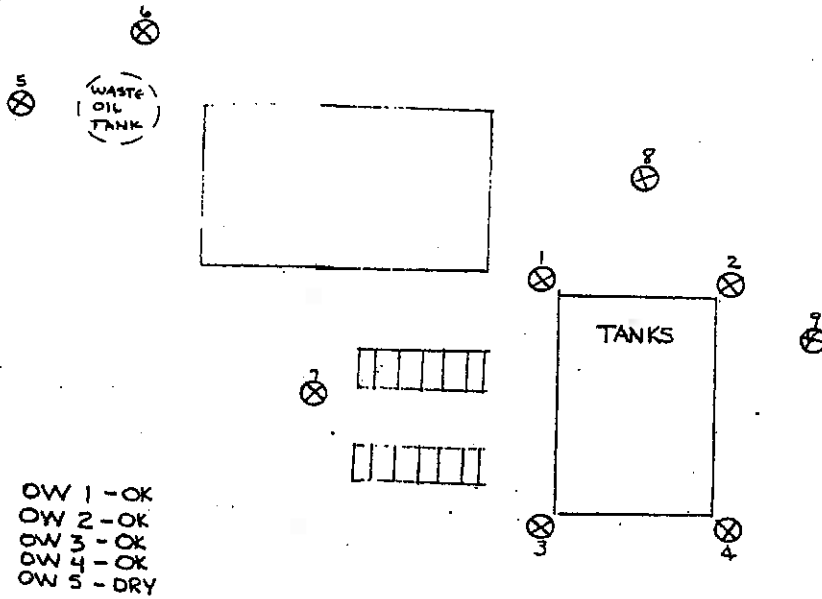
Compliance Inspector

5/7/90  
 Inspection Date

DER Form 87-2 (modified)



I-75



OW 1 - OK  
OW 2 - OK  
OW 3 - OK  
OW 4 - OK  
OW 5 - DRY

Legend:

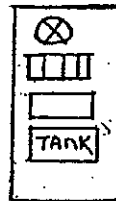
Monitor Well

Island

Building

USF

S.R. 52



10

**EnviroCare, Inc.**  
5410 N.W. 33rd Ave. Suite 105 Fort Lauderdale,  
Florida 33309 305 484-8038

FIGURE 1: SITE LOCATION MAP

Prepared for: CHEVRON #47132  
8799 S.R. 52 + I-75  
DADE CITY, FL

# 47132

8799 St. Rt #52


 11 EAST OLIVE ROAD PENSACOLA, FLORIDA 32514  
 PHONE (904) 474-1001

 Client: DELTA ENVIRONMENTAL CONS.  
 04024

 Lab I.D.#: 89-0581-5  
 Order Date: 02/18/89  
 Sampled By: E.A.V.

 Sample Site: DADE CITY, FL ch-w-47132  
 Sample Type: GROUNDWATER

Sample ID.: MW-8

Sample Date: 02/16/89 Time: VARIOUS

## DL/602+XYLENES VOLATILE METHOD 602+XYLENES

Parameter	Units	Result	Detection Limit
BENZENE	PPB	57000	1000
CHLOROBENZENE	PPB	BDL	100
1,2-DICHLOROBENZENE	PPB	BDL	500
1,3-DICHLOROBENZENE	PPB	BDL	500
1,4-DICHLOROBENZENE	PPB	BDL	500
ETHYL BENZENE	PPB	1100	100
TOLUENE	PPB	3500	100
XYLENES	PPB	9600	500

Sample ID.: MW-9

Lab I.D.#: 89-0581-6

## DL/602+XYLENES VOLATILE METHOD 602+XYLENES

Parameter	Units	Result	Detection Limit
BENZENE	PPB	8	1
CHLOROBENZENE	PPB	BDL	1
1,2-DICHLOROBENZENE	PPB	BDL	5
1,3-DICHLOROBENZENE	PPB	BDL	5
1,4-DICHLOROBENZENE	PPB	BDL	5
ETHYL BENZENE	PPB	BDL	1
TOLUENE	PPB	BDL	1
XYLENES	PPB	BDL	5



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

June 11, 1990

Ms. Jan Boylston  
Chevron USA  
P.O. Box 1706  
Atlanta, GA 30301

RE: Farm Store 47132  
8789 SR 52 & I-75  
Dade City, Florida

EDI No. 515819  
DER Facility No. 518515028

Dear Ms. Boylston:

The Department has concluded its review of the documentation submitted in accordance with Section 376.3071(9)(b), Florida Statutes (F.S.), and determined that this site is eligible for state-administered cleanup under the Early Detection Incentive Program.

Persons whose substantial interests are affected by this Order of Determination of Eligibility have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing). The Petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within twenty-one (21) days of receipt of this notice. Failure to file a petition within the twenty-one (21) days constitutes a waiver of any right such persons have to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

This Order of Determination of Eligibility is final and effective on the date of receipt of this Order unless a petition is filed in accordance with the preceding paragraph. Upon the timely filing of a petition, this Order will not be effective until further order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes by filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road,

*Chevron*  
*#47132*



Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal, accompanied by the applicable filing fees, with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the clerk of the Department.

The DER Facility Number for this site is 518515028. Please use this identification on all future correspondence with the Department.

Any questions you may have on the technical aspects of this Order of Determination of Eligibility should be directed to Craig Ash at 904/487-3299. Contact with the above named person does not constitute a petition for administrative determination.

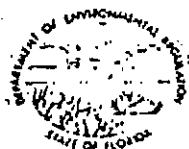
Sincerely,

A handwritten signature in dark ink, appearing to read "John M. Ruddell", is written over a horizontal line.

John M. Ruddell, Chief  
Bureau of Waste Cleanup

JMR:lfk

**Regulatory Research Information**  
**Ralard Printers Inc.**  
**FDEP Facility No. 519400248**



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.800(1)
Form Title	Discharge Reporting Form
Effective Date	December 10, 1990
DER Application No.	(Filled in by DER)

## Discharge Reporting Form

Use this form to notify the Department of Environmental Regulation of:

- Results of tank tightness testing that exceed allowable tolerances within ten days of receipt of test result.
- Petroleum discharges exceeding 25 gallons on pervious surfaces as described in Section 17-761.460 F.A.C. within one working day of discovery.
- Hazardous substance (CERCLA regulated), discharges exceeding applicable reportable quantities established in 17-761.460(2) F.A.C., within one working day of the discovery.
- Within one working day of discovery of suspected releases confirmed by: (a) released regulated substances or pollutants discovered in the surrounding area, (b) unusual and unexplained storage system operating conditions, (c) monitoring results from a leak detection method or from a tank closure assessment that indicate a release may have occurred, or (d) manual tank gauging results for tanks of 550 gallons or less, exceeding ten gallons per weekly test or five gallons averaged over four consecutive weekly tests.

Mail to the DER District Office in your area listed on the reverse side of this form

PLEASE PRINT OR TYPE  
Complete all applicable blanks

- DER Facility ID Number: pending 2. Tank Number: 2 3. Date: 1-13-94
- Facility Name: Ralard Printers, Inc.  
Facility Owner or Operator: Ron Disbrow  
Facility Address: 30904 State Rd 52, San Antonio, FL 33576  
Telephone Number: (904) 588-2800 County: Pasco  
Mailing Address: same
- Date of receipt of test results or discovery: 12-13-93 month/day/year
- Method of initial discovery. (circle one only)  
A. Liquid detector (automatic or manual) D. Emptying and inspection. F. Vapor or visible signs of a discharge in the vicinity.  
B. Vapor detector (automatic or manual) E. Inventory control. G. Closure: \_\_\_\_\_ (explain)  
C. Tightness test (underground tanks only). H. Other: \_\_\_\_\_
- Estimated number of gallons discharged: \_\_\_\_\_
- What part of storage system has leaked? (circle all that apply) A. Dispenser B. Pipe C. Fitting D. Tank E. Unknown
- Type of regulated substance discharged. (circle one)  
A. leaded gasoline D. vehicular diesel L. used/waste oil V. hazardous substance includes pesticides, ammonia, chlorine and derivatives (write in name or Chemical Abstract Service CAS number) \_\_\_\_\_  
B. unleaded gasoline F. aviation gas M. diesel Z. other (write in name) \_\_\_\_\_  
C. gasohol G. jet fuel O. new/lube oil
- Cause of leak. (circle all that apply)  
A. Unknown C. Loose connection E. Puncture G. Spill \_\_\_\_\_ I. Other (specify) \_\_\_\_\_  
B. Split D. Corrosion F. Installation failure H. Overfill \_\_\_\_\_
- Type of financial responsibility. (circle one)  
A. Third party insurance provided by the state insurance contractor C. Not applicable  
B. Self-insurance pursuant to Chapter 17-769.500 F.A.C. D. None
- To the best of my knowledge and belief all information submitted on this form is true, accurate, and complete.

Ronald Disbrow  
Printed Name of Owner, Operator or Authorized Representative

Ronald Disbrow  
Signature of Owner, Operator or Authorized Representative

Northwest District  
1500 S. Congress Ave., Suite A  
Fort Myers, Florida 33901-1704  
813-433-2600

Northwest District  
7825 Baymeadows Way, Suite E 200  
Jacksonville, Florida 32207  
904-796-4200

Central District  
3319 Maguire Blvd., Suite 333  
Orlando, Florida 32803-3767  
407-854-7535

Southwest District  
4520 Oak Park Blvd.  
Tampa, Florida 33610-7541  
813-872-8561

South District  
2248 Bay St.  
Fort Myers, Florida 33901-2804  
813-337-8873

Southeast District  
1500 S. Congress Ave., Suite A  
West Palm Beach, Florida 33406  
407-433-2600



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-781200(2)
Form Title	Storage Tank Registration Form
Effective Date	December 10, 1990
DER Approval No.	Filed in by DER

## Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number: pending 2. Facility Type: \_\_\_\_\_
3. New Registration ☐ New Owner Data ☐ Facility Revision ☐ Tank(s) Revision ☐
4. County and Code of tank(s) location: Pasco / \_\_\_\_\_

5. Facility Name: Ralard Printing
- Tank(s) Address: 30904 State Rd 52, San Antonio, FL 33576
- City/State/Zip: \_\_\_\_\_
- Contact Person: Ron Disbrow Telephone: (904) 588-2800
6. Financial Responsibility Type: \_\_\_\_\_

- 7a. Tank(s) Owner: Ron Disbrow
- Owner Mailing Address: 30904 State Rd 52, San Antonio, FL 33576
- City/State/Zip: \_\_\_\_\_
- Contact Person: same Telephone: (904) 588-2800

- 7b. New Owner Signature/Change Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

8. Location (optional) Latitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" Longitude: \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)

Complete 9 - 16 for tanks in use; 9 - 19 for tanks out of use

9	10	11	12	13	14	15	16	17	18	19

20. John T. Keiser DPR# C055737  
Certified Contractor\* Department of Professional Regulation License Number\*

\*For new tank installation or tank removal

the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

Ronald Disbrow  
Print name & title of owner or authorized person

[Signature]  
Signature

4/28/94  
Date

Northwest District  
180 Government Center  
Panama City, Florida 32301-1774  
904-466-6300

Northwest District  
7825 Baymeadows Way, Suite B 200  
Jacksonville, Florida 32207  
904-796-4200

Central District  
3015 W. Square Blvd., Suite 230  
Orlando, Florida 32803-3700  
407-894-7333

Southwest District  
4320 Oak Park Blvd.  
Tampa, Florida 33610-7547  
813-873-5681

South District  
2248 Bay St.  
Fort Myers, Florida 33901-2894  
813-332-8175

Southeast District  
1800 S. Congress Ave., Suite A  
West Palm Beach, Florida 33401  
407-433-2450



Florida Department of Environmental Regulation  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.800(8)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(If Applicable)

## Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type  
Complete All Applicable Blanks

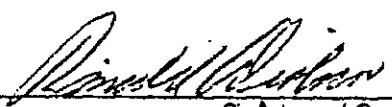
- Date: 1-13-94
- DER Facility ID Number: pending
- County: Pasco
- Facility Name: Ralard Printers, Inc.
- Facility Owner: Ron Disbrow
- Facility Address: 30904 State Rd 52 San Antonio, FL 33576
- Mailing Address: \_\_\_\_\_
- Telephone Number: (904) 588-2800
- Facility Operator: Ron Disbrow
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or B. Underground  
diesel, gas
- Type of Product(s) Stored: \_\_\_\_\_
- Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)  
unknown
- Number of Tanks Closed: 2
- Age of Tanks: \_\_\_\_\_

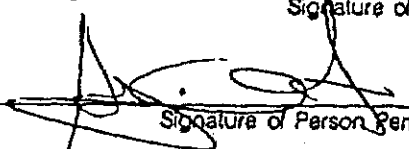
### Facility Assessment Information

- | Yes                                 | No                                  | Not Applicable                      |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
- Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
  - Was a Discharge Reporting Form submitted to the Department?  
If yes, When: 12/15/93 Where: Pasco HRS
  - Is the depth to ground water less than 20 feet?
  - Are monitoring wells present around the storage system?  
If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring
  - Is there free product present in the monitoring wells or within the excavation?
  - Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?  
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
  - Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?  
Specify sample type: ☐ Vapor Monitoring wells ☒ Soil sample(s)
  - Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?  
(See target levels on reverse side of this form and supply laboratory data sheets)
  - If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
  - Are any potable wells located within 1/4 of a mile radius of the facility?
  - Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: \_\_\_\_\_

DEA Form	17-761.900(1)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DEA Application No.	(Filled in by DEA)

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample location and dispenser locations must accompany this form.
13. If a facility has a pollutant storage tank system that has both gasoline and kerosene/diesel stored on site, both EPA Method 602 and EPA Method 610 must be performed on the ground water samples obtained.
14. Amount of soils removed and receipt of proper disposal.
15. If yes is answered to any one of questions 5-9, a Discharge Reporting Form 17-761.900(1) indicating a suspected release shall be submitted to the Department within one working day.
16. A copy of this form and any attachments must be submitted to the Department's district office in your area and to the locally administered program office under contract with the Department within 60 days of completion of tank removal or filling a tank with an inert material.

  
 \_\_\_\_\_  
 Signature of Owner

  
 \_\_\_\_\_  
 Signature of Person Performing Assessment

Vice President  
 \_\_\_\_\_  
 Title of Person Performing Assessment

4/28/94  
 \_\_\_\_\_  
 Date

1/27/94  
 \_\_\_\_\_  
 Date

### State Ground Water Target Levels That Affect A Pollutant Storage Tank System Closure Assessment

State ground water target levels are as follows:

1. For gasoline (EPA Method 602):

- a. Benzene 1 ug/l
- b. Total VOA 50 ug/l
  - Benzene
  - Toluene
  - Total Xylenes
  - Ethylbenzene
- c. Methyl Tertiary Butyl Ether (MTBE) 50 ug/l

2. For kerosene/diesel (EPA Method 610):

- a. Polynuclear Aromatic Hydrocarbons (PAHS)  
(Best achievable detection limit, 10 ug/l maximum)



# **Tank Closure Assessment Report**

28 April, 1994

for

FDER Facility ID # Pending  
Ralard Printers, Inc.  
30904 State Road 52  
San Antonio, Florida 33576-1120

519400248

For submittal to:

H.R.S., Pasco County Public Health Unit  
9930 Land-O-Lakes Blvd.  
Land-O-Lakes, Florida 34639

Prepared for:

Mr. Ron Disbrow  
Ralard Printers, Inc.  
30904 State Road 52  
San Antonio, Florida 33576-1120

Prepared by:

Tanktek, Inc.  
Environmental Engineering  
and Construction Services  
14512 N. Nebraska Ave.  
Suite 104  
Tampa, Florida 33613  
813/971-4664

Tanktek, Inc. Project Number: 93-130

## **1.0 Introduction**

According to 40 CFR Section 280.72, and the Florida Department of Environmental Regulation (FDER) closure of storage tank requirements, as outlined in Florida Administrative Code (FAC) Chapter 17-761 Underground Storage Tank Systems, all tank system owners and/or operators are responsible for conducting a closure assessment when a storage tank system is permanently removed from service. Closure assessments are required to determine if a discharge of petroleum product to the soil or groundwater has occurred.

This closure assessment report was prepared in accordance with the guidelines set forth in the FDER document titled Pollutant Storage Closure Assessment Requirements, dated April, 1992. Tanktek, Inc. personnel were on site to perform removal and closure activities for two (2) underground storage tanks on 14 Dec. 93. This report describes the field techniques used to perform the closure investigation and the activities associated with the removal.

### **1.1 Location and Topography**

The subject site is located on the South side of State Road 52, approximately one mile East of Interstate 75 within the city limits of San Antonio, Florida. The surrounding area is characterized by rural undeveloped farm lands.

## **1.2 Background**

The storage tanks in question were never registered, and therefore, the tanks are not listed in the FDER Stationary Tank Inventory list. The former tanks were discovered only 14 days prior to their removal. There were no prior records or information regarding the tank's sizes or contents. The tanks were located in separate excavations, approximately 200 feet away from each other behind the East side of the building (see site map S1). The tanks had one fill and one vent each, both of which consisted of a single pipe running from the top of the tank to the existing surface elevation. Both tanks were of bare steel construction, and their installation dates are unknown. There were no monitoring wells located on this property.

## **2.0 Closure Assessment Activities**

All sampling procedures and requirements have been conducted in strict accordance with the FDER's April, 1992 Pollutant Storage Tank Closure Assessment Requirements and Quality Assurance Standard Operating Procedures for Petroleum Storage System Closure Assessments.

## **3.0 Groundwater**

The ambient groundwater level at the time of the tank removal was recorded to be 28 feet below land surface (bls).

### **3.1 Groundwater sampling**

NOTE: Petroleum contamination was discovered only in the diesel tank excavation. Since the ambient groundwater level was 28 feet bls., only one groundwater sample was required. The diesel tank excavation reached a depth of approximately 7.5 feet bls. Once the tank was removed, a small quantity of free product was apparent at the bottom of the excavation. The product remained stagnant at the bottom of the tank vault. Note soil type: The natural soil type of this area consisted of a top layer of silty Millhopper SAND measuring approximately 48 inches in depth. Just below the SAND, began a layer of

gray clay. Subsequent to backfilling, one (1) groundwater sample was collect and analyzed using EPA methods 602. and 610. As illustrated, the sum of the constituents analyzed by method 602 did not exceed state target levels.

Parameter	Results	Method
Volatile Aromatics		602
Methyl-tert-butyl-ether	< 1.0 ug/l	
Benzene	< 1.0 ug/l	
Toluene	1.15 ug/l	
Ethyl benzene	< 1.0 ug/l	
m, p-Xylene	1.21 ug/l	
o-Xylene	< 1.0 ug/l	
Xylene, total	1.21 ug/l	
Chlorobenzene	< 1.0 ug/l	
1,4- Dichlorobenzene	< 1.0 ug/l	
1,3- Dichlorobenzene	< 1.0 ug/l	
1,2- Dichlorobenzene	< 1.0 ug/l	

All constituents analyzed by EPA method 610 were below detectable levels.  
( see Attached Lab. Results.)

### 3.2 Temporary Monitoring Well

A temporary monitoring well was installed subsequent to backfilling the diesel tank excavation. The well was labeled Temp. well #1. The well was installed directly below the area of heaviest contamination, and advanced approximately two feet into the groundwater to a depth of approximately thirty (30) feet bls. Five (5) well volumes were removed from the well prior to collecting the samples. The groundwater sample was collected using a 815cc stainless steal bailer which was cleaned prior to arrival on site. As mentioned previous, the sample collected from Temp. well #1 was analyzed using EPA methods 602 and 610. See attached analytical for results.

#### **4.0 OVM Soil Sampling**

OVM soil samples were taken at three elevations in the tank excavations - above the tanks, at mid tank level and below the tanks. The samples were taken from both sides and ends of the tanks. See the sample locations on the attached contamination profiles. One sample was taken at each location. All samples were analyzed using a Thermo Environmental Instruments (T.E.I.) 580B PID ( FID versus PID correlation and response factor{RF} information is attached). Samples were placed in 16 ounce mason jars, leaving half of the jar free for headspace, and were covered with tinfoil, capped and labeled. Calibration of the PID was performed in the field using 250 ppm Isobutylene, and the PIDs' Response Factor {RF} was set at 1.00 as per manufacturer's specification, during sampling for diesel or mixed product analytical groups; and the {RF} was set at 1.80 during sampling for the gasoline analytical group.

##### **4.1 Soil sampling in the gasoline tank excavation**

A total of ten (10) OVM soil samples were taken while excavating the tank. These samples were taken at each end and side, and at the bottom of the former tank. All ten (10) samples analyzed with the OVM were recorded below 2 ppm (8 of the 10 samples were recorded at 0 ppm). There was no visible staining or any petroleum odors in or around the gasoline tank excavation. It seemed apparent that there was no discharge of product from the subject gasoline tank.

##### **4.2 Soil sampling in the diesel tank excavation**

Twenty (20) initial OVM soil samples were analyzed while the tank was being excavated. These samples indicated excessively contaminated soil throughout the bottom and sides of the tank. The field crew segregated and stockpiled all screened contaminated soil while excavating the tank. Once the tank was removed, several additional OVM samples were taken throughout the extents of the open excavation. These samples indicated excessively contaminated soil (greater than 50 ppm) still remained beyond the limits of the initial tank excavation. At this point the Initial Remedial Action activities began. The remaining contamination was removed during the Initial Remedial Action (IRA) activities.

## 5.0 Initial Remedial Action (IRA) Activities

### IRA PLAN

The intent of the IRA was to remove all contaminated soil above the water table with OVM readings of more than 10 ppm. This should reduce the site's potential for future contamination and increase its chances for a no further action or monitoring only proposal.

### 5.1 Delineating the contamination plume

As mentioned previously, the initial OVM taken during UST removal activities indicated soil contamination greater than 10 ppm throughout most of the excavation. To help determine the horizontal extent of the contamination, several hand augered borings were advanced horizontally at various depths from within the tank excavation. An OVM sample was collected at the end of each auger extension (every three 3 ft.) This sampling procedure was conducted around the entire excavation, with each sampling point spaced approximately 4 ft. from the each. This verified the plume's Eastern migration. To help determine the vertical migration, the field sampler hand augered three (3) vertical sampling points along the bottom of the former tank excavation. From each sampling location, soil cuttings were screened in three (3) ft. depth intervals. All OVM samples were collected directly from the stainless steel auger head, and analyzed within 15 to 20 minutes of collection. The plume's estimated delineation illustrated in figures 1.0, 2.0 and 2.1.

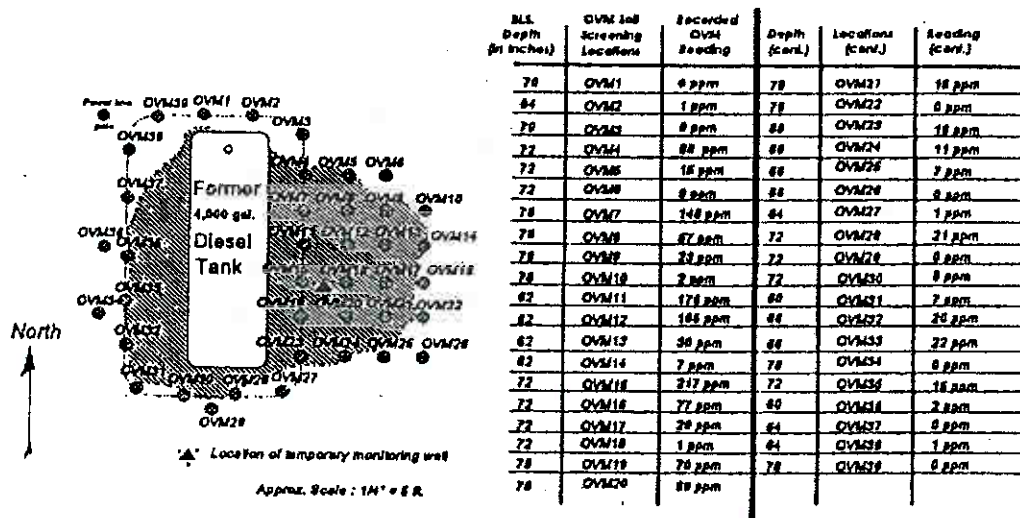
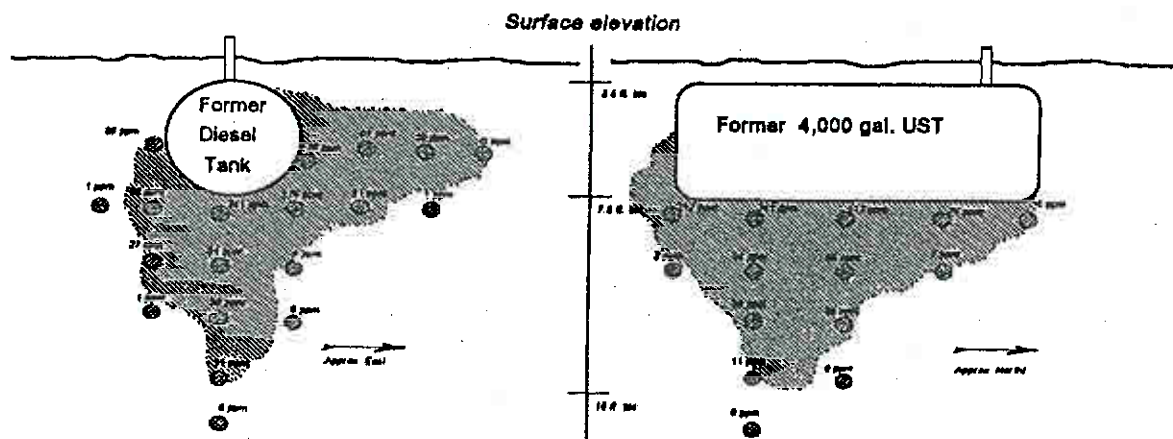


Figure 1.0 Plan view of the horizontal contamination plume.





Figures 2.0 and 2.1 Approximate cross section of the vertical contamination plume.

## 5.2 Soil removal

Due to the contamination depth and volume that was estimated in our investigations, additional excavating equipment was required to complete the IRA activity. Once mobilized, soil excavating began in four (4) foot lifts. Soil screening with the OVM continued during the entire excavating activity. Soil samples were taken approximately every four (4) feet vertically and horizontally, segregating only the soil recorded greater than 10 ppm. Soil removal activities continued for approximately seven (7) hours until all contaminated soil recorded greater than 10 ppm was removed from the former tank pit. A final screening of the remaining walls of the open excavation conclusively determined that all contaminated soil greater than 10 ppm has been removed. See IRA Profile for sampling grid and the total limits of excavated area. All contaminated soil removed from the excavation was placed on and covered with visquine. A total of three (3) composite samples was taken from the pile for pre-burn analysis. Analysis was performed in accordance with F.A.C. 17-775. Results of lab analysis are attached.

## 5.3 OVM soil screening

OVM soil screening was conducted by Tanktek, Inc. The samples were analyzed using a T.E.I. 580B PID serial No. 580B-422888-268 as described in section 3.0.

#### 5.4 Laboratory Analysis

A chain of custody was prepared for all samples which were transported in an iced cooler to Progress Environmental Laboratory, Inc. 4420 Pendola Point Road, Tampa, 33619 ( HRS # E84207 and FDER CompQap #900306G ) for analysis.

### 6.0 Storage Tank Removal Activities

#### 6.1 Product removal

##### Tank Product Information

<u>Tank #</u>	<u>Size</u>	<u>Type of product</u>	<u>Amount in gallons</u>	<u>Drums of sludge</u>
1	1,000	Gasoline	50	1
2	4,000	Diesel	1,685	1

A total of 1,735 gallons of product/water was pumped from the tanks prior their removal. All product was removed by Howco Environmental Services, Inc. / Tim's Oil Recovery EPA ID # FLD 152-764-767 recorded on attached Manifest No. 108707. Once the product was pumped out as much as possible, the tank were tested for explosive vapors. The percent of the lower explosive limit (LEL) was determined using a Gastech TankTechtor. The tanks were defused by means of venturi as needed. Both tanks were recorded at 20 % LEL before exiting the excavation. No product was spilled during removal activities. The tanks were placed on visquine, and then cut and cleaned according to API 1604 as required for disposal.

#### 6.2 Sludge Information

As mentioned above, the tanks were cleaned prior to disposal. Each tank generated one (1) 55 gallon drum of sludge. The tank sludge was stored in DOT 17-H solid waste drums in which samples were collected for their disposal.

### **6.3 Tanks and piping**

#### **6.3.1 1,000 gallon Gasoline Tank**

The 1,000 gallon gasoline tank measured 48 inches in diameter and 132 inches in length. The tank was buried approximately 18 inches bls, and its integrity appeared structurally sound with little evidence of corrosion. After all parties inspected the tank, it was removed from site and disposed of as scrap metal at Tampa Scrap Processors, Inc. in Tampa, FL. A copy of the weigh ticket for the tank is attached. The tank was cleaned and vapor free prior to transporting.

#### **6.3.2 4,000 gallon Diesel Tank**

The 4,000 gallon diesel tank measured 60 inches in diameter and 25 ft. in length. The tank was buried approximately 24 inches bls. The tank was of bare steel construction and did not appear to be structurally sound. Corrosive holes were scattered throughout the bottom and sides of the tank. The tank system had two (2) sets of distribution lines: One of the lines was of bare steel construction and extended about ten 10 feet from the former tank to a remote dispensing unit. The dispensing unit was removed prior to our arrival on site. The second set of distribution lines consisted of two 1/2 inch copper tubes ( a pickup and return line, typically used for a generator hookup). The copper lines were cut off at the top of the excavation leaving the tank's alternative distribution point unknown. After all parties inspected the tank, it was removed from site and disposed of as scrap metal at Tampa Scrap Processors, Inc. in Tampa, FL. A copy of the weigh ticket for the tank is attached. The tank was cleaned and vapor free prior to transporting.

### **7.0 Contaminated Soil**

A total of 372.06 tons of petroleum contaminated soil was removed during tank removal and IRA activities. An Initial Remedial Action Report (IRA) form is attached, as well as CADD drawings delineating the contamination plume. The contaminated soil was hauled by Unity Trucking, Inc. to Geologic Recovery Systems, 2300 Hwy. 60 W., Mulberry, Florida for thermal treatment. A copy of the weight tickets are attached.

## 8.0 Conclusion

A petroleum storage tank closure assessment has been performed for two (2) underground petroleum storage tanks located at 30904 State Rd. 52, San Antonio, Florida, pursuant to FAC 17-761.800(3), following the guidelines set fourth in the FDER April, 1992, "Pollutant Storage Tank Closure Assessment Requirements."

Excessively contaminated soil was discovered in the diesel tank excavation.

Initial Remedial Action (IRA) activities were performed. Activities consisted of soil screening and removal of contaminated soil greater then 10 ppm.

All contaminated soil was transported to a state approved thermal treatment facility.

One (1) temporary monitoring well was installed. The sample collected from Temp. well #1 was analyzed using EPA methods 602 and 610.

Groundwater state target levels were not exceeded.

There was sludge in the tanks.

The tanks were clean and vapor free prior to their disposal.

A completed Underground Storage Tank Installation and Removal Form for Certified Contractors, FAC 17-761.900(5), a completed Tank Closure Assessment Form, FAC 17-761.900(6), and a completed Initial Remedial Action Report Form is attached.

A completed Discharge Reporting Form, FAC 17-761.900(1), and a Petroleum Contamination Initial Remedial Action Form is submitted to the Pasco Co. HRS.

**Regulatory Research Information**  
**Flying J Travel Plaza**  
**FDEP Facility No. 519600583**

*(Because no discharges have been reported for this facility, no cleanup file is available)*

Florida Department of Environmental Protection  
Bureau of Petroleum Storage Systems  
Storage Tank/Contaminated Facility  
Name & Address Search

**Facility ID#:** 9600583**Name:** Flying J Travel Plaza

29933 Hwy 52

San Antonio, FL 33576

**Contact:** Dona M. Frello**Phone:** 352-588-5444**District:** SWD**County:** Pasco**Type:** A-Retail Station**Status:** Open**Latitude:** 28:19:33.7866**Longitude:** 82:19:19.3006**LL Method:** DGPS-Autonomous GPS**Account Owner:** Cjf Properties

Tank #	Size	Content	Installed	Placement	Status	Construction	Piping	Monitor
1	20000	Vehicular Diesel	04/01/1995	UNDER	In Service	E N O M I	C F J K	3 F H K 4 L
2	20000	Vehicular Diesel	04/01/1995	UNDER	In Service	E N O M I	F J K C	F H 3 K 4 L
3	20000	Vehicular Diesel	04/01/1995	UNDER	In Service	E N O M I	C F I K	3 F H K 4 L
4	12000	Unleaded Gas	04/01/1995	UNDER	In Service	E N M O I	J K F C	L H F K 4 3
5	12000	Unleaded Gas	04/01/1995	UNDER	In Service	R N M O I E	C F J K	F 3 H K 4 L
6	12000	Unleaded Gas	04/01/1995	UNDER	In Service	E N M O I	C F J K	L F H K 4 3

7	1000 Misc Petrol-Based Product	04/01/1995	UNDER	In Service	E M I	C F	Z F M
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**\*\*\*Note:**

**Construction, Piping, and Monitoring Info not shown for CLOSED tanks  
(Status A: Closed in Place, B: Removed from the site).**