Shaw® Shaw Environmental, Inc.

LIMITED LEVEL I HAZARDOUS MATERIAL AND CONTAMINATION INVESTIGATION

US Highway 41 (State Road 45) from Northeast 12th Street to Kracker Avenue Hillsborough County, Florida

Financial Project Number: 421140-8-C2-01

Shaw Project Number: 134365

February 27, 2009

Submitted to:

Florida Department of Transportation
District 7, ISD
11201 North McKinley Drive
Tampa, Florida 33612-6456

Submitted by:

Shaw Environmental, Inc.
725 U.S. Highway 301 South
Tampa, Florida 33619-4349

DRAFT

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List of Acronyms and Abbreviations

AST	aboveground storage tank
CR	County Road
EDR	EDR Environmental Data Resources, Inc.
EPCHC	Environmental Protection Commission of Hillsborough County
ERNS	Emergency Response Notification System
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FID	Facility Identification
FINDS	Facility Index System
HCPA	Hillsborough County Property Appraiser
MTBE	methyl tertiary butyl ether
NFA	No Further Action
NPDES	National Pollutant Discharge Elimination System
PD&E	Project Development and Environment
RCRA	Resource Conservation and Recovery Act
ROW	right-of-way
SAR	Site Assessment Report
Shaw	Shaw Environmental, Inc
SR	State Road
SWFWMD	Southwest Florida Water Management District
US 41	US Highway 41
USEPA	United States Environmental Protection Agency
UST	underground storage tanks
FPN	Financial Project Number
I-75	Interstate 75
SIS	Strategic Intermodal System
SMF	Stormwater Management Facility
mph	miles per hour
HCSWE	Hillsborough County Solid Waste Expansion
SCTS	South County Transfer Station
SRCO	Site Rehabilitation Completion Order
TECO	Tampa Electric
PCE	tetrachloroethylene
DRF	Discharge Report Form

Executive Summary

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment Study to evaluate alternative improvements for US Highway 41 (US 41)/ State Road (SR) 45 from Northeast 12th Street north to Kracker Avenue in southern Hillsborough County, **Figure 1**. The total project length is approximately 6.2 miles. Study objectives include the following: determine proposed typical sections and develop preliminary conceptual design plans for proposed improvements, while minimizing impacts to the environment; consider agency and public comments; and ensure project compliance with all applicable federal and state laws. Improvement alternatives will be identified that will improve safety and meet future transportation demand.

The FDOT, District 7, retained Shaw Environmental, Inc. to conduct a Limited Level I hazardous material and contamination investigation for the project corridor along US 41/SR 45 from Northeast 12th Street to Kracker Avenue in Hillsborough County, Florida. The Financial Project Number (FPN) for this US 41 corridor is FPN 421140-8-C2-01.

The US 41 corridor consists primarily of agricultural, commercial, residential, utility, and undeveloped properties. These include Tampa Electric Company properties, agricultural land, gasoline stations, automobile sales and repair facilities, strip mall shopping plazas, mobile home parks, and residential neighborhoods located along the corridor. Each potentially contaminated site along the corridor was visually assessed during a site inspection. This corridor area is served by municipal water and sewer systems, although some homes and businesses reportedly still use septic tank systems and private wells.

Based upon information provided by the FDOT, 23 sites of potential environmental concern were identified along the alignment for US 41 through site reconnaissance, review of historical records and environmental regulatory files, and information provided by the FDOT. Ten sites received "**Low**" risk ratings, eleven sites received "**Medium**" risk ratings, and two sites received "**High**" risk ratings for potential environmental impacts to proposed construction activities. The medium and high risk sites warrant additional environmental assessment, including soil and groundwater sampling and analyses consistent with the known or suspected contaminants having potential to impact FDOT construction activities.

1.0 Introduction

The Florida Department of Transportation (FDOT), District 7, retained Shaw Environmental, Inc. (Shaw) to conduct a Limited Level I hazardous material and contamination investigation for the project corridor along US Highway 41 (US 41)/State Road (SR) 45 from Northeast 12th Street north to Kracker Avenue in southern Hillsborough County (**Figure 1)**. The total project length is approximately 6.2 miles. The Financial Project Number (FPN) for this US 41 corridor is FPN 421140-8-C2-01.

An integral phase of a Limited Level I investigation is the petroleum and hazardous materials investigation required in accordance with current legislation for the funding and permitting of the proposed roadway and property improvement. This investigation examined each potentially contaminated site along the corridor with regard to the possible presence of hazardous and/or toxic materials on site. The investigation also reviewed known or potential offsite contamination sources that could have an adverse environmental impact on the project. The level of detail contained herein is appropriate for the FDOT planning purposes.

1.1 Project Description

The FDOT is conducting a Project Development and Environment (PD&E) Study to evaluate alternative improvements to US 41 (SR 45). This project involves a 6.2-mile segment of US 41 from Northeast 12th Street extending north to Kracker Avenue in Hillsborough County (**Figure 1**). The highway is to be improved from an existing, four-lane rural facility to an urban and suburban six-lane divided facility. There are no bridge structures located within this segment of US 41; however, bridge culvert widening or replacement is anticipated over Wildcat Creek and Newmans Branch. The proposed improvements will include construction of stormwater management facilities (SMFs) and various intersection improvements, in addition to bicycle and pedestrian facilities. The study area is located in Township 31, Range 19, and Sections 2, 3, 10, 11, 14, 15, 22, 27, 28, 32 and 33.

1.2 Purpose and Need

The purpose of the proposed project is to provide a higher capacity and safer facility to better meet future transportation demand in this rapidly developing area of Hillsborough County. US 41 runs parallel to and west of Interstate 75 (I-75). US 41 is a major north-south urban principal arterial that connects numerous communities along the west coast of Florida, including Ruskin, Apollo Beach, and Gibsonton. This anticipated traffic growth and existing high levels of congestion create a need to analyze the corridor for necessary improvements to ensure this facility does not continue to deteriorate resulting in unacceptable levels of service. The PD&E Study will also include the consideration of a No-Build Alternative.

US 41 is functionally classified as an "urban principal arterial – other". While US 41 is not on the Strategic Intermodal System (SIS), a short (0.92 mile) segment of US 41 between Pembroke Road and Big Bend Road/County Road (CR) 672 is part of a SIS connector, which connects the Port of Tampa to I-75, both of which are SIS facilities. The SIS is a statewide network of highways, railways, waterways and transportation hubs that handle the bulk of Florida's passenger and freight traffic. This project is included in the Hillsborough County Metropolitan Planning Organization's (MPO) Year 2025 Long-Range Transportation Plan as an unfunded need. The West Central Florida MPO Chair's Coordinating Committee has classified US 41 as a "regional road" and as an "unfunded need" on the "regionally significant road network" in west central Florida. This corridor is also designated as an emergency evacuation route.

A longer segment of US 41 was evaluated in the Programming Screen of the Efficient Transportation Decision Making process (Project No. 9511) in 2008, for a larger area along US 41, from 19th Avenue Northeast to Gibsonton Drive. This process established the Class of Action as a State Environmental Impact Report.

1.3 Purpose of Report

The purpose of this report is to document the engineering and environmental analyses performed to support decisions related to project alternatives. The FDOT provided Shaw with Preliminary Conceptual Design Plans from the US 41 (SR 45) PD&E Study prepared by American Consulting Engineers of Florida, LLC dated August 20, 2008, to evaluate alternative improvements to US 41 (SR 45). The FDOT retained Shaw to conduct a Limited Level I hazardous material and contamination investigation for the project corridor. Shaw was tasked to identify and prepare recommendations concerning potential hazardous waste and pollutant problems associated with the construction corridor.

1.4 Existing Facility and Proposed Improvements

US 41 has a four-lane divided rural typical section (**Figure 2**). The existing roadway has 11.5 to 12.0-foot travel lanes, 4-foot paved inside and outside shoulders, and a 40-foot grassed median. The posted speed limit is 55 miles per hour (mph) except for a short segment on either side of Big Bend Road, which is posted at 45 mph. The existing right-of-way (ROW) typically varies from 182 feet to 227 feet.

Expected improvements include widening to six lanes as well as intersection improvements and construction of SMFs and bicycle and pedestrian facilities. In addition to six basic lanes, auxiliary lanes are also proposed in the vicinity of Apollo Beach Boulevard and Big Bend Road (CR 672). Preliminary recommended roadway typical sections are shown on **Figure 2**. A

No-Build Alternative will also be considered. The proposed project is not funded in the FDOT's current 5-year work program.

1.5 Scope of Services

As provided in the FDOT Scope of Services dated December 31, 2008 (**Appendix A**), Shaw was to identify and prepare recommendations concerning potential hazardous waste and pollutant problems associated with the construction corridor in accordance with Part 2, Chapter 22 of the *PD&E Guidelines Manual*, revised December 10, 2003.

The specific tasks outlined in the referenced Scope of Services document are:

- Perform public record searches to identify the current and past tenants and associated land usage and business activities along the corridor. Coordinate this data with the appropriate aerial survey.
- Conduct state and local environmental and health agency visits and review state, local, and federal databases to secure lists and other information about the past and present users of hazardous materials; generators of hazardous waste, pollutants, industrial waste, and solid waste; agricultural operations involving pesticides, herbicides, and fertilizers; agricultural livestock operations and potential "cattle dipping vat" operations; and storage tanks, as well as other potential soil and groundwater contaminants. Report problems with their usage.
- Conduct onsite ROW verification, by field visits, of acquired data. Shaw will pay particular attention to site storage and handling practices, sites that have changed land use, and previously unrecorded or undocumented areas of concern.
- Rank each site for its potential for encountering hazardous waste or pollutants as a result of the transportation improvement project and associated land acquisitions and construction activities using the guidance provided in Chapter 22.
- A Level I Report will be submitted to the FDOT. The report will be technically concise and will include data collected, analyses, and recommendations made as a result of the Level I investigation. The report will include an executive summary, a narrative, tables, graphics, and appendices to completely illustrate the screening effort. The report will discuss in detail the medium and high risk sites identified during the Level I investigation, and will provide recommendations for additional evaluations or investigations to be completed prior to the ROW acquisition phase and construction. One draft report will be submitted to the FDOT. Upon approval of the draft report by the FDOT, one hard copy and three electronic media compact disk copies of the report will be submitted to the FDOT.

1.6 Qualifications

The information obtained during the review of the potentially contaminated sites is intended to provide the FDOT with reasonable assurance as to the environmental conditions of each site.

However, this report should not be considered all-inclusive with respect to potential contamination due to the varying nature of contamination scenarios in terms of the magnitude/type of contamination possible and changes in property conditions following the assessment, prior to implementation of the proposed construction activities.

2.0 Investigation Methodology

2.1 Site Reconnaissance

In January 2009, Shaw conducted physical reconnaissance of potentially contaminated sites along the project corridor. This reconnaissance included a systematic inspection of each site by looking for evidence of industrial operations, potential sources of soil and groundwater contamination, underground or aboveground storage tanks (USTs or ASTs), or refuse that may indicate the presence of pollutants and/or toxic or hazardous materials. Site reconnaissance findings are provided in **Section 4**. The locations of investigated sites along the project corridor are identified on **Figure 3**. Photographic documentation of the corridor sites is provided in **Appendix B**.

2.2 Historical Records Review

Shaw reviewed historical aerial photographs and city directories to develop a history of the previous uses, as well as nearby sites having potential or documented contamination. Pertinent information obtained through review of the historical resources referenced below is included, when applicable, in the site-specific summaries in **Section 4**.

Shaw reviewed the Tampa/Hillsborough County City Directories published by the R.L. Polk Company at the University of South Florida Library and the City of Tampa Library for the years 1997 through 2007 for the roads located within the project corridor. R.L. Polk directories prior to 1995 do not have information for this area. Sanborn Fire Insurance Maps were not available for these areas of Hillsborough County.

Historical aerial photographs for the years 1957, 1976, 1984, and 1995 provided by Environmental Data Resources, Inc. (EDR), sourced from ASCS and the FDOT, were reviewed for the entire corridor for this Level I investigation. Aerial photographs taken in January 2008 from the Hillsborough County Property Appraiser (HCPA) were also reviewed for significant changes along the corridor since the 1995 photographs. The HCPA website was also reviewed for current property records to confirm site ownership and building records. The Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems, Storage Tank/Contaminated Facility Program database was reviewed for sites with UST, AST, and contamination records. The Right-to-Know Network website was reviewed for site-specific Emergency Response Notification System (ERNS) documentation, National Pollutant Discharge Elimination System (NPDES) information, Resource Conservation and Recovery Act (RCRA) information, and Facility Index System (FINDS) documentation.

2.3 Regulatory Review

Shaw contracted EDR to research and summarize standard United States Environmental Protection Agency (USEPA) and FDEP environmental record databases to identify potential recognized environmental conditions in connection with properties within and adjacent to the construction corridor. The EDR Corridor Study Report, dated January 27, 2009, is in **Appendix C**. Detailed maps identifying the location of any facility listed by the databases within the prescribed American Society for Testing and Materials search distances are provided in the EDR Report. Shaw confirmed the reported information and the locations of the sites identified by EDR during the reconnaissance portion of the Level I assessment. EDR's reports identify sites listed on the following USEPA and FDEP databases:

USEPA Information

- National Priorities List (NPL)
- Proposed NPL List
- Comprehensive Environmental Response, Compensation, and Liability Information System List (CERCLIS)
- CERCLIS No Further Remedial Action Planned (CERC-NFRAP)
- Resource Conservation and Recovery Act Information System Corrective Actions Report (RCRIS CORRACTS)
- RCRIS Permitted Treatment, Storage, Disposal Facilities (RCRIS-TSD)
- RCRIS Large Quantity Generators of Hazardous Waste (RCRIS LQG)
- RCRIS Small Quantity Generators of Hazardous Waste (RCRIS SQG)
- Emergency Response Notification System List (ERNS)

FDEP Information

- State-Funded Action Sites (SHWS)
- Solid Waste Facilities List (SWLF)
- Solid Waste Inactive Facilities List (SWLF)
- State Equivalent CERCLIS List (SCL)
- State Equivalent Priority List (SPL)
- State Spills List (SPILLS)
- Stationary Tank Inventory – Above Ground (AST)
- Stationary Tank Inventory – Under Ground (UST)
- Petroleum Contamination Detailed Report (LUST)

Pertinent information obtained through review of the environmental records contained in the EDR Reports is included in the site-specific summaries in **Section 4**. Copies of site-specific

HCPA documents are in **Appendix D**. Copies of site-specific FDEP, county regulatory files, and EDR site information documents are provided in **Appendix E**.

2.4 Risk Ratings

Each site has been classified with a rating of "**No**," "**Low**," "**Medium**," or "**High**" for potential impacts to the roadway construction activities in accordance with the FDOT *PD&E Guidelines Manual*, Chapter 22-2.2.3, dated December 10, 2003. These ratings are described as follows:

- **No**: After a review of all available information, there is nothing to indicate contamination would impact the site. It is possible that contamination could have been handled on the property; however, all information indicated impacts should not be expected.

- **Low**: The former or current operation of the site has a hazardous waste generator identification number or deals with hazardous materials (or petroleum products); however, based on all available information, there is no reason to believe there would be any involvement with contamination.

- **Medium**: After a review of all available information, indications are found that identify known soil and/or water contamination and that the problem does not need remediation, is being remediated (i.e. groundwater treatment), or that continued monitoring is required.

- **High**: After a review of all available information, there is a potential for contamination impacts. Further assessment will be required to determine the actual presence and/or levels of contamination and the need for remedial action. This would also be the case where the analysts "strongly suspects contamination" at the site.

3.0 Site Description

3.1 Zoning and Land Uses

Land use within the project corridor consists of residential, commercial, a municipal waste transfer station, stormwater management areas, and agricultural parcels along the entire US 41 corridor. Agricultural land, gasoline stations, automobile sales and repair facilities, strip mall shopping plazas, churches, residential neighborhoods, and a waste transfer facility are present near the major roadway intersections. The areas of concern along the highway were observed by pedestrian reconnaissance when accessible.

3.2 Flood Plains and Wetlands Information

The project corridor is depicted on Federal Emergency Management Agency Flood Hazard Maps for Hillsborough County. The maps indicate that the corridor discussed in this report is located within the 100-year flood zone.

The United States Fish and Wildlife Department maintains the most current wetlands inventory maps. A review of the maps for the corridor indicated that there are scattered areas of freshwater forested/shrub wetlands along the US 41 corridor. Specifically, freshwater forested/shrub wetlands border US 41 to the east, south of the Pacific Tomato Growers site, and border US 41 to the west, south of Miller-Mac Road, near Wildcat Creek, and south of Leisey Road. A freshwater pond is located on the east side of US 41 southeast of Kracker Avenue.

3.3 Soil, Geology, Groundwater, and Drainage Basin Information

The study area is located in the Gulf Coastal Lowlands physiographic region, bordered by the Polk Upland and DeSoto Plain to the east in Hillsborough County. According to the United Stated Department of Agricultural, National Resource Conservation Service Soil Survey of Hillsborough County, several soil types are associated with this corridor: Archbold fine sand; Arents, nearly level; Basinger, Holopaw, and Samsula soils, depressional; Candler fine sand; Immokalee fine sand; Malabar fine sand; Myakka fine sand; Myakka-Urban land complex, Ona fine sand, Pomello fine sand; St. Johns fine sand; Seffner fine sand; Smyrna fine sand; Tavares-Millhopper fine sand; Winder fine sand, frequently flooded; and Zolfo fine sand. The dominant soil in the study area is Myakka fine sand. All of these soils are nearly level and poorly drained.

Two distinct aquifers occur in the project area: the surficial aquifer system and the deeper Floridan Aquifer system. The direction of groundwater flow typically follows land contours toward other water bodies such as the Alafia River and Bullfrog Creek. The Floridan Aquifer is the principal aquifer in Hillsborough County. It is comprised of the Hawthorn Group, the

Suwannee limestone, the Ocala Group limestones, and underlying Eocene and Paleocene limestones. (Southwest Florida Water Management District [SWFWMD], 1988).

The study area is located in the Alafia River Basin (SWFWMD, 1995). The coastal lowlands in southern Hillsborough County are fairly well-drained by the Alafia and Little Manatee Rivers and their tributaries, including Bullfrog Creek and Little Bullfrog Creek.

4.0 Investigation Results

As noted in **Section 1**, the objective of this Level I assessment was to identify and research properties along the subject corridor with respect to the potential for soil or groundwater contaminant impact to construction activities. This section provides the results of the assessment.

Shaw performed site reconnaissance, research of environmental record databases, and historical research of each of the 23 corridor sites of concern. The results of these investigations indicate that 10 of the 23 corridor sites did not appear to have contaminant impacts. Thirteen of the 23 sites may have contaminant impacts to roadway construction activities. The results of these site investigations are summarized in **Table 1**.

Several properties identified in the EDR reports are more than 400 feet away from the project corridor and do not pose a significant threat of environmental impact to the project. These sites are assigned risk ratings of "**No**" risk, and are not further discussed in this report. Should the boundaries of the construction corridor be extended, the risk ratings of these sites should be re-evaluated. The remainder of this section discusses the facilities, which due to present or past land use practices, may pose a potential contamination risk.

4.1 Site 1: 84 Lumber - Gibsonton

6225 Powell Road
Station 431+00 RT
Rating: Low

84 Lumber (Site 1) is a former hardware store that is listed in the FINDS database for NPDES permit. It is located on the south side of Powell Road, east of US 41 at 6225 Powell Road. The HCPA lists the property as Folio No. 051495-0200, owned by Pierce Hardy LTD Partnership of Eighty Four, PA. The HCPA information is in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.1.1 Site History

This site was listed in the FINDS database as part of the Permit Compliance System for a NPDES permit. The HCPA information indicates that the property use is "light manufacturing" and that there are three, prefabricated metal buildings on the property built in 2004. There is no indication of any hazardous waste or contamination present on the site. No regulatory files are available for this site.

4.1.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. The facility is more than 1,000 feet east of the US 41 ROW. It is not likely that facility operations will impact construction activities; therefore, a **Low** risk rating is assigned to this site. No further investigation is recommended. These findings and risk rating are summarized in **Table 1**.

4.2 Site 2: National Gypsum Apollo Beach Plant/New NGC, Inc.

12949 US Highway 41 South
Stations 419+00 to 439+30 LT
Rating: Medium

The National Gypsum Apollo Beach Plant/New NGC, Inc. is an active gypsum manufacturing facility located at 12949 US Highway 41 South, at the southwest corner of US 41 and Pembroke Road. The HCPA lists the property as Folio No. 051479-0000, owned by National Gypsum Company of Charlotte, North Carolina. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.2.1 Site History

The January 2009 EDR Report lists the site in the TIER 2, AIRS, FINDS, NPDES, ERNS, TRIS, and SPILLS databases. The site has an active NPDES stormwater discharge permit, Permit No. FLR05D081, issued January 6, 2006, and expires January 5, 2011. It also has NPDES Industrial wastewater permit number FLA 275000, issued March 2, 2006, and expires March 1, 2011. Numerous chemical compounds are stored at this site, including boric acid, gypsum, calcium hydroxide, sodium hydroxide, DL tartaric acid, dextrose, zinc stearate, ethyl alcohol, fiberglass, fuel oil, propane, sulfuric acid, potassium sulfate, rhodoline, starch, sodium naphthalene sulfonate, sodium phosphate, paraffin wax fume, polyvinyl alcohol, styrene/butadiene copolymer, liquefied petroleum gas, and hydrotreated paraffinic light petroleum oil.

The ERNS, TRIS and SPILLS databases indicate that a sulfuric acid spill was reported on the site on October 1, 2002. An aboveground, sulfuric acid supply tank was overfilled causing the material to spill onto the concrete, the soil, and into an onsite retention pond. Approximately 50 gallons of acid was spilled and 25 gallons reached the water. The spilled material was contained and neutralized.

Based on a site visit by Shaw on January 16, 2009, the facility operations are located at least 400 feet from the US 41 ROW. A copy of the EDR Site Report is provided in **Appendix E**.

4.2.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the facility operations, tanks, and previously reported releases, it is possible that environmental conditions at this site will impact construction activities. Therefore, a **Medium** risk rating is assigned to this site. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.3 Site 3: National Gypsum Wheel Wash

12979 US Highway 41 South
Stations 419+00 to 439+30 LT
Rating: Low

The National Gypsum Wheel Wash is located on the west side of US 41, south of Pembroke Road, 400 feet from the roadway surface. The site is an active wheel wash for delivery vehicles. The HCPA lists the property as Folio No. 051479-0000, owned by National Gypsum Company of Charlotte, North Carolina. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.3.1 Site History

The January 2009 EDR Report lists the property in the FINDS and NPDES databases for industrial wastewater discharge under Industrial Wastewater Permit No. FLA275000. The wheel wash area is approximately 400 feet west of US 41. The wheel wash is a closed-loop system with no discharge. No violations have been reported for this site. No regulatory files are available for this site.

4.3.2 Risk Evaluation and Recommendations

It is assumed that roadway widening, drainage, or utility improvements will be proposed along US 41 in the vicinity of this site. As the wheel wash area is approximately 400 feet away from the US 41 ROW, it is not likely that this site will impact construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.4 Site 4: Hillsborough County Solid Waste Expansion/South County Transfer Station

13000 US Highway 41 South
Stations 415+00 to 431+20 RT
Rating: Medium

The Hillsborough County Solid Waste Expansion (HCSWE)/South County Transfer Station (SCTS) (Site 4) is an active solid waste transfer station located south of Powell Road, on the east side of US 41. The HCPA lists the HCSWE as Folio No. 051494-0000, owned by Hillsborough County, Florida. The site is regulated for an AST with Facility Identification (FID) No. 29-8624944. The HCPA lists the SCTS as Folio No. 051499-0000, owned by Hillsborough County, Florida. The site is regulated as a solid waste management facility with a SWD ID No. of 41104. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.4.1 Site History

The HCSWE was listed in the January 2009 EDR Report in the AST databases. The FDEP Storage Tank Program listed one 1,000-gallon vehicular diesel AST with FID No. 29-8624944 at the site; the tank has been removed. The tank area was located more than 500 feet away from US 41. No regulatory file documents were available for the AST. Information from the EDR Report is provided in **Appendix C**.

The January 2009 EDR Report lists the SCTS in the Solid Waste Facilities/Landfill Sites (SWF/LF) database. The most recent water sampling at the facility occurred on November 5, 2008, no contamination criteria were exceeded. The contamination criteria for lead was exceeded on May 1, 2008, but has not recurred. The most recent inspection report, dated November 20, 2008, noted that uncontrolled litter was detected on site in the area of the "drop-out" roll off. The same issue was noted in the prior year's inspection report as well. The November 14, 2007, facility inspection also noted that the used oil tank was not properly labeled. The waste transfer area is more than 400 feet away from US 41. The groundwater evaluation data and recent inspection reports are included in **Appendix E**.

4.4.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the facility operations as a solid waste management facility, it is possible that environmental conditions at this site may impact construction activities. Therefore, a **Medium** risk rating is assigned to this site. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.5 Site 5: Waterberry Farms/Elsberry Partnership

101 and 103 Big Bend Road
Stations 390+60 to 394+50 LT
Rating: Medium

Waterberry Farms (Site 5) is an open, agricultural facility at the northwest corner of Big Bend Road and US 41. The HCPA lists the property at 101 Big Bend Road as Folio No. 0051485-0000, owned by Elsberry Ltd.; and 103 Big Bend Road as Folio No. 051482-0000, owned by Apollo Beach Investments Limited Partnership. The HCPA information is in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.5.1 Site History

The January 2009 EDR Report lists this property on the AST database with FID No. 29-8625390, and on the UST database with FID No. 29-8839762 and 29-8625395. Four ASTs and four USTs have been removed from the property. The tanks were as follows:

- AST 1: 2,000 gallons, vehicular diesel, installed 07/01/76, removed from site.
- AST 2: 800 gallons, vehicular diesel, installed 07/01/76, removed from site.
- AST 3: 580 gallons, unleaded gasoline, installed 07/01/75, removed from site.
- AST 4: 4,000 gallons, unleaded gasoline, installed 11/30/88, removed from site.
- UST 1: 1,000 gallons, vehicular diesel, installed 02/01/73, removed 06/30/84.
- UST 2: 1,000 gallons, leaded gasoline, installed 08/01/71, removed 06/30/84.
- UST 3: 4,000 gallons, unleaded gasoline, installed 06/01/76, removed 11/30/88.
- UST 4: 10,000 gallons, vehicular diesel, installed 07/01/76, removed from site.

The property is adjacent to the US 41 ROW. There is no regulatory record of any petroleum release occurring at the property. No additional regulatory information was available.

4.5.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Due to the operations of the property as a fuel user adjacent to US 41, petroleum contamination may be present in the vicinity of construction activities. Therefore, the risk ranking for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.6 Site 6: 7-Eleven Store No. 32972

13150 US Highway 41 South
Stations 392+00 to 394+40 RT
Rating: High

The 7-Eleven Store No. 32972, (Site 6) is an open convenience store and retail gasoline station. It is located at 13150 US Highway 41 South, at the northeast corner of Big Bend Road and US 41. It is listed by the HCPA as Folio No. 051499-0150, owned by Mary E Coffin and Richard H Coffin, Trustees. It is regulated for several USTs with FID No. 29-9802938. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.6.1 Site History

This convenience and retail petroleum property is listed in the January 2009 EDR Report on the UST database, with FID No. 29-9802938. The tank area is 80 feet away from US 41. There are two tanks in service on this property:

- UST 1: 10,000 gallon, unleaded gasoline, installed 06/01/00, in service.
- UST 2: 15,000 gallon, unleaded gasoline, installed 06/01/00, in service.

The site was awarded a cleanup score of 6 for an unleaded gasoline discharge dated April 26, 2006. Cleanup of the site was required. Shaw submitted a Site Assessment Report (SAR) to the Environmental Protection Commission of Hillsborough County (EPCHC) on January 18, 2007. The SAR was approved, according to review comments from the EPCHC dated June 20, 2007. Site cleanup activities were completed on May 1, 2008, with a Site Rehabilitation Completion Order (SRCO) being issued by the EPCHC. Available regulatory files are provided in **Appendix E**.

4.6.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the tank area is 80 feet away from US 41, it is anticipated that operations or possible contamination at this site would affect the proposed construction activities. Therefore, a **High** risk rating is assigned to this site. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.7 Site 7: Lil' Champ Food Store No. 6544

6005 Big Bend Road
Stations 388+20 to 390+80 RT
Rating: Medium

The Lil' Champ Food Store No. 6544 (Site 7) is an open convenience store and retail petroleum station. It is located at the southeast corner of Big Bend Road and US 41. The HCPA lists the property at 6005 Big Bend Road as Folio No. 051529-0000, owned by PMAG Partnership. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.7.1 Site History

This convenience and retail petroleum property is listed in the January 2009 EDR Report on the UST, FINDS, and RCRA-SQG databases, with FID No. 29-9102583. The tank area is 100 feet away from US 41. There are three tanks in service on this property:

- UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service.
- UST 2: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service.
- UST 3: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service.

The site has no reported petroleum discharge. There are no violations reported for this site as a small-quantity generator of hazardous waste. There have been two "Minor Out of Compliance" inspection results for this property. The first one was for water in the product sump above the level of the piping, discovered March 20, 2007. The second one was for incorrectly positioned sump leak sensors, discovered November 14, 2008. Available regulatory files are provided in **Appendix E**.

4.7.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the site operations as a gasoline station, petroleum contamination may be present in the vicinity of construction activities. Therefore, the risk ranking for this property is evaluated to be **Medium** for possible impacts to utility and roadway construction. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.8 Site 8: Cemex Construction Materials/RMC Ewell – Big Bend Facility

6002 Big Bend Road
Stations 392+00 to 395+00 RT
Rating: Low

The Cemex, Inc. property (Site 8) is an open, cement and aggregate manufacturer. It is located at 6002 Big Bend Road, east of US 41. It is listed by the HCPA as Folio No. 051497-0100, owned by Ewell Industries, Inc. It is regulated for one AST with FID No. 29-9808110, a second AST with FID No. 29-8736687, and for numerous chemical compounds stored onsite under TIER 2 reporting. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.8.1 Site History

This industrial property is listed in the January 2009 EDR Report in the AST, AIRS, FINDS, TIER 2, SPILLS, and NPDES databases. The site is regulated in the AST database with FID Nos. 29-9808110 and 29-8736687. According to the FDEP Storage Tank program, the tank area is more than 1,000 feet away from US 41. The ASTs on the property are:

- AST 1: 10,000 gallon, vehicular diesel, installed 06/01/06, in service (9808110) (Big Bend Facility).
- AST 1: 10,000 gallon, other non-regulated, installed 07/01/81, in service (8736687) (Ewell Industries).

As described in TIER 2 reporting, portland cement, fly ash (coal ash), quartz, slag, silica, carboylated polyether, calcium dichloride, Daracem 50, Darex AEA, Recover, WRDA 60, gravel, sand, aggregate, and rock are stored on site. Although the site is listed in the SPILLS database for an incident reported on August 10, 2000, the incident was closed and no release was reported. No violations have been reported in conjunction with the ASTs. The site is also an active, permitted facility for industrial wastewater discharge under NPDES Permit No. FLG110534, issued on April 21, 2006, and expires on April 20, 2011. Available regulatory files are provided in **Appendix E**.

4.8.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the site is more than 1,000 feet away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect the proposed construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.9 Site 9: Segrest Farms

6180 Big Bend Road
Stations 400+00 to 405+00 RT
Rating: Low

The Segrest Farms property (Site 9) is an open, warehouse facility located at 6180 Big Bend Road, located 800 feet east of US 41. It is listed on the FINDS database. The HCPA lists the property as Folio No. 051499-0400, owned by Big Bend Holdings, LLP. The HCPA information is provided in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.9.1 Site History

The January 2009 EDR Report lists this property in the FINDS database with USEPA ID Nos. 1011427086 and 110035536328. The reason for the site listing was not provided. Other pertinent environmental activity at the site is not reported. No regulatory files are available for this site.

4.9.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the site is more than 800 feet away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.10 Site 10: Pacific Tomato Growers

6855 US Highway 41 North
Stations 352+00 to 364+80 RT
Rating: Medium

The Pacific Tomato Growers (Site 10) is a former vegetable packing facility, currently for sale, located at 6855 US Highway 41 North. It is regulated for ASTs with FID No. 29-9801601. The HCPA lists the property as Folio No. 051531-0000, owned by Pacific Tomato Growers LTD. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.10.1 Site History

The January 2009 EDR Orphan List Report lists this property in the UST database. However, the FDEP storage tank registration only shows ASTs for this property. The facility had two ASTs on the property:

- AST 1: 500 gallon, vehicular diesel, installation date unknown, removed from site.
- AST 2: 500 gallon, vehicular diesel, installation date unknown, removed from site.

According to regulatory file information, a petroleum discharge was reported on April 10, 1997; soil staining was observed. The contaminated soil was removed on May 12, 1988, and contaminated groundwater was discovered on the same date. A No Further Action (NFA) order was issued on November 10, 1999. The discharge was located approximately 300 feet east of the US 41 ROW. Available regulatory files are provided in **Appendix E**.

4.10.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the past petroleum discharge, soil contamination, and proximity to the ROW, impacts to construction activities are possible. Therefore, the risk rating for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.11 Site 11: Tampa Electric Production Service Center/BRADCO Supply

6944 US Highway 41 North/6820 Tamiami Trail
Stations 373+00 to 378+00 LT
Rating: Medium

The Tampa Electric (TECO) Production Service Center (Site 11) is a former supply storage facility and office located at 6944 US Highway 41 North/6820 Tamiami Trail. It is approximately 1,200 feet south of Big Bend Road on the west side of US 41. The site is regulated as a non-generator of hazardous material. The site is also regulated in the UST database with FID No. 29-8624793. The HCPA lists the property as Folio No. 051564-0102, owned by BRADCO Supply Corporation. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.11.1 Site History

The January 2009 EDR Report lists the property in the FINDS and RCRA NonGen databases, EPA ID No. FLD984230862. The site is also regulated in the UST database with FID No. 29-8624793. There were three USTs in service on the property:

- UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/80, removed from site.
- UST 2: 4,000 gallon, unleaded gasoline, installed 09/01/87, removed from site.
- UST 3: 300 gallon, vehicular diesel, installed 07/01/80, closed in place.

According to regulatory file information, a discharge was recorded on September 21, 1987, with a Contamination Assessment Report submitted on March 3, 1990. Contaminated soil was removed from the site in October 1987 during UST upgrade activities. The excavated area was approximately 1,800 feet south of Big Bend Road and 500 feet west of US 41. A NFA order was issued for the site on December 3, 1990. The facility is also permitted to handle hazardous waste under a RCRA permit. No violations have been reported for the site under RCRA. Available regulatory files are provided in **Appendix E**.

4.11.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the past petroleum release and presence of hazardous materials at the site, impacts to construction activities are possible. Therefore, the risk rating for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.12 Site 12: Publix Supermarket

6434 US Highway 41 North
Stations 305+80 to 308+80 LT
Rating: Low

The Publix Supermarket (Site 12) is an open grocery store located at 6434 US Highway 41 North in the Shoppes at Apollo Beach Plaza. The site is regulated on the AST database with FID No. 29-9809877. The HCPA lists the property as Folio No. 051583-0210, owned by Paradise Shoppes at Apollo Beach, LLC. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.12.1 Site History

The January 2009 EDR Orphan Sites Report lists the property in the AST database with FID No. 29-9809877. One AST is located on the property:

- AST 1: 1,000 gallon, vehicular diesel, installed 11/01/07, in service.

The AST is used for an emergency backup generator for the supermarket. There was one "Major Out of Compliance" inspection result for this property. The monthly release detection inspection was not performed in January 2008 and the February and March inspections were more than 35 days apart, which was reported on August 11, 2008. Available regulatory files are provided in **Appendix E**.

4.12.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the storage tank area is more than 500 feet away from the US 41 ROW, it is not likely that this site will impact construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.13 Site 13: Touch of Class Dry Cleaners/Apollo Beach Cleaners

6402 US Highway 41 North
Stations 303+40 to 304+00 LT
Rating: Low

The Touch of Class Dry Cleaners/Apollo Beach Cleaners (Site 13) is an open drycleaning facility located at 6402 US Highway 41 North in the Shoppes at Apollo Beach Plaza. The site is regulated on the AST database with FID No. 29-9500418 and in the Florida Priority Cleaners list. The area is listed by the HCPA as Folio No. 051583-0210, owned by Paradise Shoppes at Apollo Beach, LLC. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.13.1 Site History

This site is listed in the EDR Report under the PRIORITY CLEANERS list, the DRYCLEANERS list, FINDS, RCRA-CESQG, and the Orphan Sites Report in the AST database with FID No. 29-9500418. Two ASTs have been present on this property:

- AST 1: size unknown, tetrachloroethylene (PCE), installation date unknown, removed from site.
- AST 2: size unknown, PCE, installation date unknown, in service.

This site is an open drycleaners with onsite cleaning equipment. The site is a conditionally exempt, small quantity generator of hazardous waste. As a "priority cleaner" it has a rank of 105, and a score of 98. The Site Screening Report Form dated October 18, 1996, indicates that contamination from chlorinated drycleaning solvents have been detected at the site, PCE in the amount of 0.70 milligrams per kilogram in the soil. A copy of the Site Screening Report Form is included in **Appendix E**.

4.13.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the site operations and ASTs are more than 500 feet from the US 41 ROW, it is not likely that contamination or operations at this site would affect construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.14 Site 14: CVS Pharmacy/Former Chevron

6202 US Highway 41 North
Stations 299+00 to 303+00 LT
Rating: Medium

The CVS Pharmacy/Former Chevron (Site 14) is an active pharmacy and convenience store located at 6202 US Highway 41 North on the northwest corner of Apollo Beach Boulevard and US 41, approximately 100 feet west of the roadway. It was previously a retail petroleum station. It is regulated for USTs with FID No. 29-8625299. The HCPA lists the property as Folio No. 051587-5000, owned by Leach and Leach, Inc. The 2004 R.L. Polk City Directory lists the property as an Eckerd Drugs Store; the 1997 R.L. Polk City Directory lists the property as a Chevron gasoline station. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.14.1 Site History

The CVS/Former Chevron gasoline station is listed in the January 2009 EDR Report under the LUST and UST databases. It is regulated under FID No. 29-8625299 and had eight USTs on the property. All of the USTs have been removed:

- UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/71, removed from site.
- UST 2: 10,000 gallon, unleaded gasoline, installed 07/01/71, removed from site.
- UST 3: 5,000 gallon, unleaded gasoline, installed 07/01/71, removed from site.
- UST 4: 550 gallon, waste oil, installed 07/01/71, removed from site.
- UST 5: 10,000 gallon unleaded gasoline, installed 07/01/85, removed from site.
- UST 6: 10,000 gallon, unleaded gasoline, installed 07/01/85, removed from site.
- UST 7: 10,000 gallon, unleaded gasoline installed 07/01/85, removed from site.
- UST 8: 1,000 gallon, waste oil, installed 07/01/85, removed from site.

On July 6, 1988, a petroleum discharge was reported due to the detection of petroleum odors at a compliance well. The site was assigned a priority score of 51 by the FDEP and was placed in the Early Detection Incentive program. A SAR was submitted, no contamination was detected, and the site received a NFA order dated March 10, 1993. On December 29, 1995, a petroleum

discharge was reported due to the detection of petroleum contamination in a groundwater sample. A SAR was submitted in June 2000. The USTs were removed in March 2001 and a source removal was conducted during UST removal activities. New USTs were not installed. An SRCO was issued for the site on August 1, 2008. Available regulatory file information is provided in **Appendix E**.

4.14.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the past petroleum release and facility operations and distance of USTs from the US 41 ROW, impacts to construction activities are possible. Therefore, the risk ranking for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.15 Site 15: Radiant Food Store #209/ Amoco Split Second

6190 Us Highway 41 North
Stations 295+80 to 298+20 LT
Rating: High

The Radiant Food Store No. 209/Amoco Split Second (Site 15) is located at 6190 US Highway 41 North on the southwest corner of Apollo Beach Boulevard and US 41, approximately 100 feet west of the roadway. It is an active, retail petroleum station. It is regulated for USTs with FID No. 29-9102568 and as a RCRA-SQG. The HCPA lists the property as Folio No. 051587-0000, owned by Radiant Group, LLC. The 2004 and 2007 R.L. Polk City Directories specify the property as a Radiant Food Store; the 1997 R.L. Polk City Directory specifies the property as an Amoco Split Second store. The HCPA information is provided in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.15.1 Site History

The Radiant Food Store/Amoco Split Second is listed in the January 2009 EDR Report in the FINDS, RCRA-SQG, LUST, and UST databases with FID No. 29-9102568. No violations were reported for the site as a hazardous waste small-quantity generator. The site had three USTs:

- UST 1: 12,000 gallons, unleaded gasoline, installed 08/01/91, out of service.
- UST 2: 12,000 gallons, unleaded gasoline, installed 08/01/91, in service.
- UST 3: 12,000 gallons, unleaded gasoline, installed 08/01/91, in service.

A petroleum discharge was reported on December 15, 2000. A NFA was issued on December 6, 2001. A second petroleum discharge was reported on September 4, 2003. A SAR was submitted on June 28, 2004. and a Remedial Action Plan was submitted on November 3, 2005. The site is

undergoing natural attenuation monitoring. Monitor well MW-5 had methyl tertiary butyl ether (MTBE) concentrations in excess of action levels for the June and September 2008 sampling events. MW-5 is located 200 feet from the US 41 ROW. Available regulatory files are provided in **Appendix E**.

4.15.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the facility operations and past petroleum release, impacts to construction activities are likely. Therefore, the risk ranking for this property is evaluated to be **High**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.16 Site 16: Apollo Beach Hardware

268 Apollo Beach Boulevard
Stations 298+10 to 300+60 LT
Rating: Low

The Apollo Beach Hardware property (Site 16) is an open hardware store located at 268 Apollo Beach Boulevard, 600 feet from the roadway of US 41. It is registered in the SSTS database for swimming pool chemicals. The HCPA lists the property as Folio No. 051578-3000, owned by NRG Investments. The HCPA information is provided in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.16.1 Site History

The Apollo Beach Hardware site is listed on the January 2009 EDR Report in the FINDS and SSTS databases. The site is registered in the SSTS database for storing and blending swimming pool chlorine shock. It is currently inactive in the SSTS registry for storing pool chlorine. No regulatory files are available for this site.

4.16.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the site is more than 600 feet away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect the proposed construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.17 Site 17: Winn Dixie Shopping Plaza/Former Tillett Farms

6188 US Highway 41
Stations 285+00 to 295+00 LT
Rating: Low

The Winn Dixie Shopping Plaza/ Former Tillett Farms property (Site 17) is a former agricultural property located on the west side of US Highway 41 south of Apollo Beach Boulevard. According to the EDR Report, the former Tillett Farms was located in the vicinity of the current Winn Dixie shopping plaza at 6188 US Highway 41. The HCPA information lists the property as Folio No. 051587-0500, owned by APOLLO BEACH 99-FL LLC at 6188 US 41. The HCPA information is provided in **Appendix D**. R.L. Polk City Directories are not available prior to 1995 for this area. The estimated site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.17.1 Site History

The Former Tillett Farms site is listed on the January 2009 EDR Report in the UST database with FID No. 29-8733876. The EDR report lists two USTs previously on this site:

- UST 1: 550 gallons, leaded gasoline, installation date unknown, removed on 06/30/85.
- UST 2: 550 gallons, vehicular diesel, installation date unknown, removed on 06/30/85.

No discharges have been reported. The FDEP Storage Tank Program indicated that the tanks were located at latitude and longitude 27:36:12 - 84:48:44, more than 1,000 feet from the US 41 corridor. No additional regulatory file information is available for this site.

4.17.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on available regulatory information, the former USTs were more than 1,000 feet from the US 41 corridor, and it is not likely that any past or current operations at this site would affect the proposed construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1.**

4.18 Site 18: Ruskin Vegetable Corporation

5909 US Highway 41 North
Stations 260+60 to 281+20 RT
Rating: Medium

The Ruskin Vegetable Corporation (Site 18) is a seasonally active vegetable packing house located at 5909 US Highway 41 North, south of Miller Mac Road. The HCPA lists the property as Folio No. 054166-0000. The HCPA information is provided in **Appendix D**. The 1997 through 2007 R.L. Polk City Directories list this property as Ruskin Vegetable Corporation. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.18.1 Site History

The Ruskin Vegetable Corporation site is listed on the January 2009 EDR Report in the NPDES database with Permit No. FLA017345, issued August 23, 2007, and expires August 22, 2012. The NPDES permit is active for industrial wastewater discharge. It is also listed in the FDEP UST database with FID No. 29-8943981. There was one UST on the site:

- UST 1: 2,000 gallons, unleaded gasoline, installed 07/01/75, removed from site July 1989.

A discharge from the UST was recorded on June 22, 1989. The site was assigned a cleanup priority score of 31. The site is undergoing cleanup. Available regulatory files are provided in **Appendix E**.

4.18.2 Risk Evaluation and Recommendations

It is assumed that roadway widening, drainage, or utility improvements will be proposed along US 41 in the vicinity of this site. Due to the ongoing cleanup status of the property, petroleum contamination may be present in the vicinity of construction activities. Therefore, the risk ranking for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.19 Site 19: A Child's Adventure Daycare

5931 Frond Way
Stations 265+10 to 267+80 LT
Rating: Low

The A Child's Adventure Daycare Property (Site 19) is an active daycare facility. It is located at the southwest corner of Fortune Place and Frond Way, 200 feet west of US 41 at 5931 Frond Way. The site has an active NPDES stormwater discharge permit. The HCPA lists the property as Folio No. 051639-5010. The HCPA information is provided in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.19.1 Site History

This daycare facility is listed in the January 2009 EDR Report in the FINDS and NPDES databases active construction stormwater discharge permits, Permit No. FLR10T472, issued July 24, 2003, and expires July 23, 2009; and FLR10EA72, issued November 1, 2006, and expires October 31, 2011. The property line is approximately 200 feet west of US 41. No regulatory files are available for this site.

4.19.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the site operations, it is not likely that contamination or operations at this site will impact construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.20 Site 20: Stake Tomatoes/DiMare of Ruskin, Inc.

5715 US Highway 41 North
Stations 239+20 to 258+00 RT
Rating: Medium

The Stake Tomatoes/ DiMare of Ruskin, Inc property (Site 20) is a seasonally active vegetable packaging facility, located at 5715 US Highway 41 North. It is listed on the TIER 2 database and NPDES databases. The HCPA lists the property as Folio No. 054185-0000, owned by DiMare Ruskin Inc. The 1997 through 2007 R.L. Polk City Directories list this property as DiMare of Ruskin Inc., vegetable packing house. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.20.1 Site History

The DiMare of Ruskin property is listed in the January 2009 EDR Report for TIER 2 and NPDES databases. It is listed in the NPDES database for active industrial wastewater discharge with Permit No. FLA177342, issued April 25, 2007, and expires April 24, 2012. It is listed in the TIER 2 database for onsite storage of acephate-met, endosulfan, paraquat dichloride, oxamyl, bromomethane, and azinphos-methyl. There are no reports of any known chemical releases. No regulatory files are available for this site.

4.20.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Because the site uses and stores a variety of pesticides and herbicides, and is located adjacent to the US 41 ROW, environmental conditions on this site may affect construction activities. Therefore, a **Medium** risk rating is assigned to

this site. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.21 Site 21: Mira Bay, LLC

US Highway 41 North and Leisey Road
Stations 214+00 to 217+00 LT
Rating: Low

The Mira Bay, LLC property (Site 21) is a closed UST site, located within the Mira Bay residential subdivision, more than 1,000 feet to the west of the US 41 roadway surface. The site is regulated for a UST that has been removed from the site. The HCPA lists the property as Folio No. 051638-0165, owned by Mira Bay, LLC. The HCPA information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.21.1 Site History

The Mira Bay site was not listed in the Jan 2009 EDR Report. The site is listed in the FDEP UST program with FID No. 29-9805663. Mira Bay is a residential subdivision that contains canals that drain to Tampa Bay. Petroleum contamination was discovered on the site on December 12, 2002 during an earth works project. A Discharge Report Form (DRF) was filed with the FDEP on February 7, 2003. A stockpile of soil was created on site from the area of suspected contamination. The stockpile was analyzed and found to contain petroleum contaminants of concern. A source removal report dated August 4, 2004, detailed the removal and stockpiling of contaminated soil. Groundwater testing showed no petroleum contamination in the groundwater. Sampling of the stockpile showed no petroleum contamination in excess of Soil Cleanup Target Levels. The site was issued an SRCO on April 18, 2005. Available regulatory files are provided in **Appendix E**.

4.21.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As the location of the petroleum discharge was greater than 1,000 feet west of US 41, it is not likely that operations at this site will impact construction activities. Therefore, a **Low** risk rating is assigned to this site. No further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

4.22 Site 22: Former Artesian Farms

5355 US Highway 41 North and Northeast 12th Street
Stations 172+40 to 176+00 RT
Rating: Medium

The Former Artesian Farms (Site 22) is a closed AST site, located at 5355 US Highway 41 North on the northeast corner of Northeast 12th Street and US 41. It is a vacant property and is regulated for three removed ASTs. The HCPA lists the property as Folio No. 054239-0300, owned by PEG D, Inc. The HCPA information is provided in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.22.1 Site History

The Former Artesian Farms property is listed in the January 2009 EDR Report for LUST and AST databases. It was listed in the LUST database under FID No. 8837773. The property was listed in the AST database with FID No. 29-8624890. There were three ASTs on this property:

- AST 1: 6,000 gallons, vehicular diesel, installed 07/01/80, removed from site.
- AST 2: 2,000 gallons, unleaded gasoline, installed 07/01/81, removed from site.
- AST 3: 4,000 gallons, unleaded gasoline, installed 11/01/92, removed from site.

There were two DRFs filed for this site, one on October 25, 1988 and the second on August 23, 2002. A SAR was completed for the release of August 23, 2002. The site was issued a SRCO on February 14, 2003. Available regulatory files are provided in **Appendix E**.

4.22.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. Based on the past petroleum releases and proximity to the US 41 ROW, possible groundwater contamination may affect construction activities. Therefore, the risk rating for this property is evaluated to be **Medium**. A Level II soil and groundwater assessment in the vicinity of this site along US 41 is recommended prior to construction activities. These findings and risk rating are summarized in **Table 1**.

4.23 Site 23: Dunkel Motor Services

5301 US Highway 41 North
Stations 164+80 to 169+00 RT
Rating: Medium

The Dunkel Motor Services property (Site 23) is located at 5301 US Highway 41 North, on the southeast corner of Northeast 12th Street and US 41. It is an active automotive sales and repair facility. It is listed in the UST database. The HCPA lists the property as Folio No. 054207-0000, owned by Raymond Dunkel and Denise Dunkel, Trustee. The HCPA

information is included in **Appendix D**. The site location is shown on **Figure 3**. Photographs of the properties are provided in **Appendix B**.

4.23.1 Site History

The January 2009 EDR Report lists this automotive sales and service site in the UST database with FID No. 29-8625882. The property is located adjacent to the east side of US 41. Two USTs were present on this property:

- UST 1: 4,000 gallons, unleaded gasoline, installed 12/01/84, removed 08/31/92.
- UST 2: 500 gallons, waste oil, installed 12/01/84, removed 08/31/92.

No contamination has been reported at this facility. No additional regulatory file information was available for this site.

4.23.2 Risk Evaluation and Recommendations

Roadway widening, drainage, utility adjustments, or other subsurface improvements may be proposed along US 41 in the vicinity of this site. As this site is an active automotive repair facility located adjacent to the US 41 ROW, environmental conditions at the site may impact construction activities. Therefore, a **Medium** risk rating is assigned to this site. Further environmental assessment is recommended. These findings and risk rating are summarized in **Table 1**.

5.0 Conclusions and Recommendations

This Limited Level I represents an investigation of the proposed construction corridor along US 41 from Northeast 12th Street to Kracker Avenue in Hillsborough County to determine the existence of contamination based on:

- apparent possible sources of contamination,
- apparent possible neighboring sources of contamination, and
- regulatory information obtained from federal and state agencies.

Based upon information provided by the FDOT, this study included 23 properties along the construction alignment for US 41. Of the corridor properties, 10 received "**Low**" risk ratings, 11 received "**Medium**" risk ratings, and 2 received "**High**" risk ratings.

The following 10 sites received "**Low**" risk ratings, and further environmental assessment is not recommended:

- Site 1: 84 Lumber – Gibsonton
- Site 3: National Gypsum, Apollo Beach Wheel Wash
- Site 8: Cemex Inc. Big Bend Plant
- Site 9: Segrest Farms
- Site 12: Publix Supermarket
- Site 13: Touch of Class Dry Cleaners
- Site 16: Apollo Beach Hardware
- Site 17: Winn Dixie Shopping Plaza/Former Tillett Farms
- Site 19: A Child's Adventure Daycare
- Site 21: Mira Bay, LLC

Because of observed site conditions during the site inspections, and/or information obtained from file searches, the following 11 sites scored "**Medium**" risk ratings where contamination impacts to construction are possible. Further soil and groundwater contamination assessments are recommended prior to drainage and utility construction:

- Site 2: National Gypsum Apollo Beach Plant
- Site 4: Hillsborough County Solid Waste Expansion/South County Transfer Station
- Site 5: Waterberry Farms/Elsberry Partnership
- Site 7: Lil Champ Food Store No. 6455
- Site 10: Pacific Tomato Growers
- Site 11: TECO Production Service Center/BRADCO Supply
- Site 14: CVS Pharmacy/Former Chevron

- Site 18: Ruskin Vegetable Corporation
- Site 20: Stake Tomatoes/DiMare of Ruskin, Inc.
- Site 22: Former Artesian Farms
- Site 23: Dunkel Motor Services

The following two sites scored "**High**" risk ratings where the site has confirmed contamination and/or impacts to construction are strongly suspected. Further soil and groundwater contamination assessments are recommended prior to drainage and utility construction:

- Site 6: 7-Eleven Store No. 32972
- Site 15: Radiant Food Store No. 209/Amoco Split Second

6.0 Warranty

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. Shaw is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. Shaw does not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

7.0 References

Hillsborough County Property Appraiser (HCPA). Aerial Photographs. Flight Date Jan 2008.

Environmental Data Resources, Inc. (EDR), "The EDR Corridor Study: US 41, Apollo Beach, FL 33572." Inquiry number 02406887.3r. January 27, 2009.

EDR "The EDR Aerial Photo Decade Package: US 41, Apollo Beach, FL 33572." Inquiry number 2406887.2. January 27, 2009.

Wetlands Information. U.S. Fish and Wildlife Department. http://wetlandsfws.er.usgs.gov/NWI/index.html.

United Stated Department of Agricultural, National Resource Conservation Service Soil Survey of Hillsborough County, Florida. http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.

R.L. Polk Suburban Tampa City Directories (1995-2005), City of Tampa Public Library; Tampa, Florida.

USGS 7.5 Minute Topographic Survey Maps of Tampa, Florida Quadrangles.

Florida Department of Transportation. PD&E Manual, Chapter 22, Part 2. December 10, 2003.

Hillsborough County Property Appraiser Parcel Query System. http://propmap3.hcpafl.org/

"Right To Know" Network Environmental Databases. http://www.rtknet.org/rtkdata.html

Storage Tanks and Petroleum Contamination/ Cleanup and Monitoring Program. Bureau of Petroleum Storage Systems. Florida Department of Environmental Protection (FDEP). http://www.dep.state.fl.us/waste/quick_topics/database_reports/pages/stcm/stcm_reports.htm.

Southwest Florida Water Management District (SWFWMD). Hydrologic conditions in the SWFWMD. August 1995. Hydrologic Data Section Resources Data Department.

Southwest Florida Water Management District (SWFWMD). Hydrology of the SWFWMD. By A.E. Gilboy. March 1985. Regional Analysis Section, Technical Report 85-01.

Tables

TABLE 1: RISK EVALUATION SUMMARY

CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
1	84 Lumber - Gibsonton	6225 Powell Road	FINDS	None	No	Sta 431 +00 RT 1,000 ft east of roadway	Former hardware store. FINDS for an NPDES permit. The HCPA information indicates that the property use is "light manufacturing" and that there are three, prefabricated metal buildings on the property built in 2004. There is no indication of any hazardous waste or contamination present on the site. No further environmental assessment is recommended.	**LOW**
2	National Gypsum Apollo Beach Plant/ New NGC, Inc.	12949 US Hwy 41 South	TIER 2, AIRS, FINDS, NPDES, ERNS, TRIS, SPILLS	Multiple Chemical Products	No	Sta 419+00 to 439+30 LT 400 ft from roadway	The National Gypsum Apollo Beach Plant/New NGC, Inc. is an active gypsum manufacturing facility TIER 2, AIRS, FINDS, NPDES, ERNS, TRIS, and SPILLS databases. The site has an active NPDES stormwater discharge permit, Permit No. FLR05D081, issued 01/06/06 and expires 01/05/11. It also has NPDES Industrial wastewater permit number FLA 275000, issued 03/02/06, and expires 03/01/11. Numerous chemical compounds are stored at this site, including boric acid, gypsum, calcium hydroxide, sodium hydroxide, DL tartaric acid, dextrose, zinc stearate, ethyl alcohol, fiberglass, fuel oil, propane, sulfuric acid, potassium sulfate, rhodoline, starch, sodium naphthalene sulfonate, sodium phosphate, paraffin wax fume, polyvinyl alcohol, styrene/butadiene copolymer, liquefied petroleum gas, and hydrotreated paraffinic light petroleum oil. The ERNS, TRIS and SPILLS databases indicate that a sulfuric acid spill was reported on the site on 10/01/02. An aboveground sulfuric acid supply tank w overfilled causing the material to spill onto the concrete, the soil, and into an onsite retention pond. Approximately 50 gallons of acid was spilled, and 25 gallons reached the water. The spilled material was contained and neutralized. Based on a site visit by Shaw on 01/16/09, the facility operations are located at least 400 ft from the US 41 ROW. Based on the facility operations, tanks and previously reported releases, it is possible that environmental conditions at this site will impact construction activities. Further environmental assessment is recommended.	**MED**
3	National Gypsum Wheel Wash	12979 US Hwy 41 S	FINDS, NPDES	None	No	Sta 419+00 to 439+30 LT 400 ft from roadway	Active wheel wash for delivery vehicles associated with the National Gypsum Plant at Apollo Beach. FINDS and NPDES databases under Industrial Wastewater Permit No. FLA275000. The wheel wash area is approximately 400 ft west of the US 41 ROW The wheel wash is a closed-loop system with no discharge. No violations have been reported for this site. No further environmental assessment is recommended.	**LOW**
4	Hillsborough County Solid Waste Expansion/ South County Transfer Station	13000 US Hwy 41 S	AST 29-8624944, SWF/LF	Petroleum, Solid Waste	No	Sta 415+00 to 431+20 RT 500 ft east of roadway	The HCSWE/SCTS is an active solid waste transfer station, this property is NOT a landfill. The HCSWE was listed in the AST databases. The FDEP Storage Tank Program listed one 1,000-gallon vehicular diesel AST with FID No. 29-8624944 at the site; the tank has been removed from the site. The tank area was located more than 500 ft away from US 41. The SCTS was listed in the Solid Waste Facilities/Landfill Sites (SWF/LF) database. The waste transfer area is more than 400 ft away from US 41. Based on the facility operations as a solid waste management facility, it is possible that environmental conditions at this site may impact construction activities. Further environmental assessment is recommended.	**MED**

TABLE 1: RISK EVALUATION SUMMARY

CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
5	Waterberry Farms/ Elsberry Partnership	101 Big Bend Road 103 Big Bend Road	UST 29-8625395 UST 29-8839762 AST 29-8625390	Petroleum	No	Sta 390+60 to 394+50 LT Adjacent to roadway	Waterberry Farms is an open, agricultural facility. AST database with FID No. 29-8625390, and UST database with FID No. 29-8839762 and 29-8625395. Four ASTs and four USTs have been removed from the property. The tanks were as follows: • AST 1: 2,000 gallons, vehicular diesel, installed 07/01/76, removed from site. • AST 2: 800 gallons, vehicular diesel, installed 07/01/76, removed from site. • AST 3: 580 gallons, unleaded gasoline, installed 07/01/75, removed from site. • AST 4: 4,000 gallons, unleaded gasoline, installed 11/30/88, removed from site. • UST 1: 1,000 gallons, vehicular diesel, installed 02/01/73, removed 06/30/84. • UST 2: 1,000 gallons, leaded gasoline, installed 08/01/71, removed 06/30/84. • UST 3: 4,000 gallons, unleaded gasoline, installed 06/01/76, removed 11/30/88. • UST 4: 10,000 gallons, vehicular diesel, installed 07/01/76, removed from site. Due to the operations of the property as a fuel user adjacent to US 41, petroleum contamination may be present in the vicinity of construction activities. Fu environmental assessment is recommended.	**MED**
6	7-Eleven Store No. 32972	13150 US Hwy 41 S	UST 29-9802938	Petroleum	Yes	Sta 392+00 to 394+40 RT 80 ft east of roadway	Open convenience store and retail gasoline station. UST database with FID No. 29-9802938. The tank area is 80 ft away from US 41. There are two tanks in service on this property: • UST 1: 10,000 gallon, unleaded gasoline, installed 06/01/00, in service. • UST 2: 15,000 gallon, unleaded gasoline, installed 06/01/00, in service. The site was awarded a cleanup score of 6 for an unleaded gasoline discharge dated 04/26/06. Cleanup of the site was required. Shaw submitted a SAR to the EPCHC on 01/18/07. The SAR was approved, according to review comments from the EPCHC dated 06/20/07. Site cleanup activities were completed 05/01/08, with a SRCO being issued by the EPCHC. As the tank area is 80 ft away from US 41, it is anticipated that operations or possible contamination at this site would affect the proposed construction activities. Further environmental assessment is recommended.	**HIGH**
7	Lil' Champ Food Store No. 6544	6005 Big Bend Road	UST 29-9102583 FINDS, RCRA-SQG	Petroleum	Yes	Sta 388+20 to 390+80 RT 100 ft east of roadway	Open convenience store and retail petroleum station. UST, FINDS, and RCRA-SQG databases, with FID No. 29-9102583. The tank area is 100 ft away from US 41. There are three tanks in service on this property: • UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service. • UST 2: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service. • UST 3: 10,000 gallon, unleaded gasoline, installed 07/01/91, in service. There are two "Minor Out of Compliance" inspection results for this facility; 1) water in the product sump above the level of the piping, discovered 03/20/07, and 2) incorrectly positioned leak sensors, discovered 11/14/08. The site has no reported petroleum discharge. There are no violations reported for this site as a RCRA-SQG. Based on the site operations as a gasoline station, petroleum contamination may be present in the vicinity of construction activities. Further environmental assessment is recommended.	**MED**

TABLE 1: RISK EVALUATION SUMMARY

CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
8	Cemex Construction Materials/ RMC Ewell – Big Bend Facility	6002 Big Bend Road	AST 29-9808110, AST 29-8736687 FINDS, TIER 2, SPILLS, NPDES, AIRS	Petroleum, Multiple Chemical Products	Yes	Sta 392+00 to 395+00 RT 1,000 ft east of roadway	Open, cement and aggregate product manufacturing facility. AST, AIRS, FINDS, TIER 2, SPILLS, NPDES databases. The site is regulated in the AST database with FID Nos. 29-9808110 and 29-8736687. According to the FDEP Storage Tank program, the tank area is more than 1,000 ft away from US 41. The ASTs on the property are: • AST 1: 10,000-gallon, vehicular diesel, installed 06/01/06, in service (9808110) (Big Bend facility). • AST 1, 10,000-gallon, other non-regulated, installed 07/01/81, in service (8736687) (Ewell Industries). As described in TIER 2 reporting, portland cement, fly ash (coal ash), quartz, slag, silica, carboylated polyether, calcium dichloride, Daracem 50, Darex AEA, Recover, WRDA 60, gravel, sand, aggregate, and rock are stored on site. Although the site is listed in the SPILLS database for an incident reported on 08/10/00, the incident was closed and no release was reported. The site is also an active, permitted facility for industrial wastewater discharge under NPDES Permit No. FLG110534, issued on 04/21/06, and expires on 04/20/11. As the site is more than 1,000 ft away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect the proposed construction activities. No further environmental assessment is recommended.	**LOW**
9	Segrest Farms	6180 Big Bend Road	FINDS	Unknown	No	Sta 400+00 to 405+00 RT 800 ft east of roadway	Open warehouse facility. FINDS database with US EPA ID Nos. 1011427086 and 110035536328. The reason for the site listing was not provided. Other pertinent environmental activity at the site is not reported. As the site is more than 800 ft away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect construction activities. No further environmental assessment is recommended.	**LOW**
10	Pacific Tomato Growers	6855 US Hwy 41 N	AST 29-9801601	Petroleum	No	Sta 352+00 to 364+80 RT 300 ft east of roadway	Closed vegetable packing facility. UST database; however, the FDEP storage tank registration only shows ASTs for this property. The facility had two ASTs on the property: o AST 1: 500 gallon, vehicular diesel, installation date unknown, removed from site. o AST 2: 500 gallon, vehicular diesel, installation date unknown, removed from site. According to regulatory file information, a petroleum discharge was reported on 04/10/97; soil staining was observed. The contaminated soil was removed on 05/12/88; contaminated groundwater was discovered on the same date. NFA order was issued on 11/10/99. The discharge was located approximately 300 ft east of the US 41 ROW. Based on the past petroleum discharge, soil contamination, and proximity to the ROW, impacts to construction activities are possible. Further environmental assessment is recommended.	**MED**
11	Tampa Electric (TECO) Production Service Center/ BRADCO Supply	6944 US Hwy 41 N/ 6820 Tamiami Trail	UST 29-8624793 FINDS, RCRA-NonGen	Petroleum	No	Sta 373+00 to 378+00 LT Adjacent to roadway	Former supply storage facility and office. The building is vacant and for lease. According to the 2009 EDR Report, the site is located at 6944 US 41. Based on available regulatory files, the TECO site is located at 6820 Tamiami Trail/6944 US 41. The site is located on the west side of US 41, approximately 1,200 ft south of Big Bend Road. FINDS and RCRA NonGen databases, EPA ID No. FLD984230862. The site is also regulated in the UST database with FID No. 29-8624793. There were three USTs previously in service on the property: • UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/80, removed from site. • UST 2: 4,000 gallon, unleaded gasoline, installed 09/01/87, removed from site. • UST 3: 300 gallon, vehicular diesel, installed 07/01/80, closed in place. According to regulatory file information, a discharge was recorded on 09/21/87, with a CAR submitted on 03/03/90. Contaminated soil was removed from the site in October 1987 during UST upgrade activities. The excavated area was approximately 1,800 ft south of Big Bend Road and 500 ft west of US 41. An NFA was issued for the site on 12/03/90. The facility is also permitted to handle hazardous waste under a RCRA permit. No violations have been reported for the site under RCRA. Based on the past petroleum release and presence of hazardous materials at the site, impacts to construction activities are possible. Further environmental assessment is recommended.	**MED**

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CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
12	Publix Supermarket	6434 US Hwy 41 N	AST 29-9809877	Petroleum	Yes	Sta 305+80 to 308+80 LT 500 ft west of roadway	Open grocery store. AST database with FID No. 29-9809877. One AST is located on the property: • AST 1: 1,000 gallon, vehicular diesel, installed 11/01/07, in service. The AST is used for an emergency backup generator for the supermarket.There was one "Major Out of Compliance" inspection result for this property. The monthly release detection inspection was not performed for January 2008, and the February and March inspections were greater than 35 days apart, reported on 08/11/08. As the storage tank area is more than 500 ft away from the US 41 ROW, it is not likely that this site will impact construction activities. No further environmental assessment is recommended.	**LOW**
13	Touch of Class Dry Cleaners/ Apollo Beach Cleaners	6402 US Hwy 41 N	AST 29-9500418, PRIORITY CLEANERS, DRYCLEANERS, FINDS, RCRA-CESQG	Drycleaning Solvents	Yes	Sta 303+40 to 304+00 LT 500 ft west of roadway	Open drycleaning facility. PRIORITY CLEANERS list, DRYCLEANERS list, FINDS, RCRA-CESQG, and Orphan Sites Report in the AST database with FID No. 29-9500418. Two ASTs have been present on this property: • AST 1: size unknown, PCE, installation date unknown, removed from site. • AST 2: size unknown, PCE, installation date unknown, in service. This site is an open drycleaners with onsite cleaning equipment. The site is a conditionally exempt, small quantity generator of hazardous waste. As a "priority cleaner" it has a rank of 105, and a score of 98. The Site Screening Report Form dated 10/18/96 indicates that contamination from chlorinated drycleaning solvents have been detected at the site, PCE in the amount of 0.70 mg/kg detected in the soil. As the site operations and ASTs are over 500 ft from the US 41 ROW, it is not likely that contamination or operations at this site would affect construction activities; therefore, a Low risk rating is assigned to this site. No further environmental assessment is recommended.	**LOW**
14	CVS Pharmacy/ Former Chevron	6202 US Hwy 41 N	UST 29-8625299 LUST	Petroleum	No	Sta 299+00 to 303+00 LT 100 ft west of roadway	Active pharmacy and convenience store, previously a retail petroleum station. LUST and UST databases. It is regulated under FID No. 29-8625299 and had eight USTs on the property. All of the USTs have been removed: • UST 1: 10,000 gallon, unleaded gasoline, installed 07/01/71, removed. • UST 2: 10,000 gallon, unleaded gasoline, installed 07/01/71, removed. • UST 3: 5,000 gallon, unleaded gasoline, installed 07/01/71, removed. • UST 4: 550 gallon, waste oil, installed 07/01/71, removed. • UST 5: 10,000-gallon unleaded gasoline, installed 07/01/85, removed. • UST 6: 10,000 gallon, unleaded gasoline, installed 07/01/85, removed. • UST 7: 10,000 gallon, unleaded gasoline installed 07/01/85, removed. • UST 8: 1,000 gallon, waste oil, installed 07/01/85, removed. On 07/06/88 a petroleum discharge was reported due to the detection of petroleum odors at a compliance well. The site was assigned a priority score of 51 by the FDEP and was placed in the EDI program. A SAR was submitted, no contamination was detected, and the site received an NFA order dated 03/10/93. On 12/29/95, a petroleum discharge was reported due to the detection of petroleum contamination in a groundwater sample. A SAR was submitted in June 2000. The USTs were removed in March 2001 and a source removal was conducted during UST removal activities. New USTs were not installed. A SRCO was issued for the site on 08/01/08. Based on the past petroleum release, facility operations, and distance of USTs from the US 41 ROW, impacts to construction activities are possible. Further environmental assessment is recommended.	**MED**

TABLE 1: RISK EVALUATION SUMMARY

CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
15	Radiant Food Store No. 209/ Amoco Split Second	6190 US Hwy 41 N	UST 29-9102568, LUST, FINDS, RCRA-SQG	Petroleum	Yes	Sta 295+80 to 298+20 LT 100 ft west of roadway	Active retail petroleum station. FINDS, RCRA-SQG, LUST and UST databases with FID No. 29-9102568. No violations were reported for the site as a hazardous waste small-quantity generator. The site had three USTs: • UST 1: 12,000 gallons, unleaded gasoline, installed 08/01/91, out of service. • UST 2: 12,000 gallons, unleaded gasoline, installed 08/01/91, in service. • UST 3: 12,000 gallons, unleaded gasoline, installed 08/01/91, in service. A petroleum discharge was reported on 12/15/00. A NFA order was issued on 12/06/01. A second petroleum discharge was reported on 09/04/03. A SAR was submitted on 06/28/04, and a RAP was submitted on11/03/05. The site is undergoing NAM. Monitor well MW-5 had MTBE concentrations in excess of action levels for the June and September 2008 sampling events. MW-5 is located 200 ft from the US 41 ROW. Based on the facility operations and past petroleum release, impacts to construction activities are likely. Further environmental assessment is recommended.	**HIGH**
16	Apollo Beach Hardware	268 Apollo Beach Blvd.	SSTS, FINDS	Chlorine	No	Sta 298+10 to 300+60 LT More than 600 ft from roadway	Open hardware store. FINDS and SSTS databases. The site is registered in the SSTS database for storing and blending swimming pool chlorine shock. It is currently inactive in the SSTS registry for storing pool chlorine. As the site is more than 600 ft away from the US 41 ROW, it is not anticipated that operations or any possible contamination at this site would affect the proposed construction activities. No further environmental assesssment is recomended.	**LOW**
17	Winn Dixie Shopping Plaza/ Former Tillett Farms	W Side of US 41, South of Apollo Beach Blvd. 6188 US Hwy 41	UST 29-8733876	Petroleum	No	Sta 285+00 to 295+00 LT	Former agricultural property. According to the January 2009 EDR report, the former farm was located in the vicinity of the current Winn Dixie shopping plaza. UST database with ID No. 29-8733876. The EDR report lists two USTs previously on this site: • UST 1: 550 gallons, leaded gasoline, installation date unknown, removed on 06/30/85. • UST 2: 550 gallons, vehicular diesel, installation date unknown, removed on 06/30/85. No discharges have been reported. The FDEP Storage Tank Program indicated that the tanks were located at Lat & Long 27:36:12, 84:48:44. This location is more than 1,000 ft from the US 41 corridor. No further environmental asssessment is recomended.	**LOW**
18	Ruskin Vegetable Corporation	5909 US Hwy 41 S	UST 29-28943981, NPDES	Petroleum	No	Sta 260+60 to 281+20 RT 200 ft east of roadway	Seasonally active vegetable packing house. NPDES database with Permit No. FLA017345, issued 08/23/07 and expires 08/22/12. The NPDES permit is active for industrial wastewater discharge. It is also listed in the FDEP UST database with FID No. 29-8943981. There was one UST previously on the site: • UST 1: 2,000 gallons, unleaded gasoline, installed 7/1/75, removed from site July 1989. A discharge from the UST was recorded on 06/22/89. The site was assigned a cleanup priority score of 31. The site is undergoing cleanup. Due to the ongoing cleanup status of the property, petroleum contamination may be present in the vicinity of construction activities. Further environmental assessment is recommended.	**MED**
19	A Child's Adventure Daycare	5931 Frond Way	FINDS, NPDES	None	No	Sta 265+10 to 267+80 LT 200 ft from roadway	Active daycare facility. FINDS and NPDES databases active construction stormwater discharge permits, Permit No. FLR10T472, issued 07/24/03 and expires 07/23/09; and FLR10EA72, issued 11/01/06 and expires 10/31/11. The property line is approximately 200 ft west of US 41. No further environmental assessment is recommended.	**LOW**

TABLE 1: RISK EVALUATION SUMMARY

CORRIDOR SITES
US Highway 41 (SR 45) from Northeast 12th Street to Kracker Avenue
Hillsborough County, Florida
FPN 421140-8-C2-01 Shaw Project No. 134365

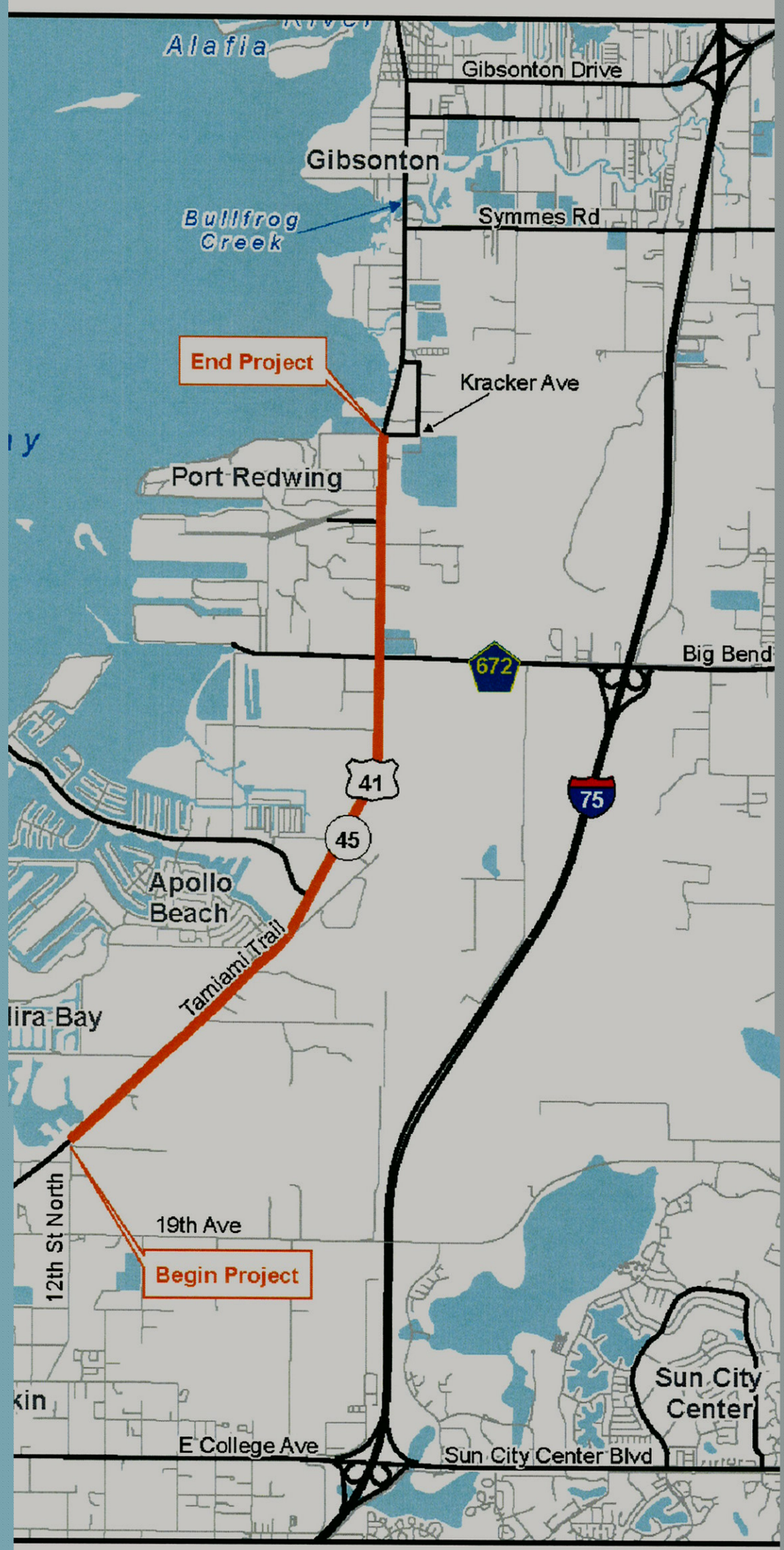
Site	Site Name	Site Address	Databases/ FID Numbers	Contaminant Concerns	Active Storage Tanks	Distance from US 41 ROW/ construction activities	Notes	Risk Rating
20	Stake Tomatoes/ DiMare of Ruskin, Inc.	5715 US Hwy 41 N	TIER 2, NPDES	Pesticides/ Herbicides	No	Sta 239+20 to 258+00 RT Adjacent to roadway	Seasonally active Vegetable packaging facility. TIER 2 and NPDES databases. It is listed in the NPDES database for active industrial wastewater discharge with Permit No. FLA177342, issued 04/25/07 and expires 04/24/12. It is listed in the TIER 2 database for onsite storage of acephate-met, endosulfan, paraquat dichloride, oxamyl, bromomethane, and azinphos-methyl. There are no reports of any known chemical releases. Because the site uses and stores a variety of pesticides and herbicides, and is located adjacent to the US 41 ROW, environmental conditions on this site may affect construction activities. Further environmental assessment is recommended.	**MED**
21	Mira Bay, LLC	US Hwy 41 S and Leisey Road	UST 29-9805663	Petroleum	No	Sta 214+00 to 217+00 LT 1,000 ft west of roadway	Closed UST site, located within the Mira Bay residential subdivision. UST program with FID No. 29-9805663. Mira Bay is a residential subdivision that contains canals that drain to Tampa Bay. Petroleum contamination was discovered on the site on 12/18/02 during an earth works project. A DRF was filed with the FDEP on 02/07/03. A stockpile of soil was created on site from the area of suspected contamination. The stockpile was analyzed and found to contain petroleum contaminants of concern. A source removal report dated 08/04/04 detailed the removal and stockpiling of contaminated soil. Groundwater testing showed no petroleum contamination in the groundwater. Sampling of the stockpile showed no petroleum contamination in excess of SCTLs. The site was issued an SRCO on 04/18/05. As the location of the petroleum discharge was more than 1,000 ft west of US 41, it is not likely that operations at this site will impact construction activities. No further environmental assessment is recommended.	**LOW**
22	Former Artesian Farms	5355 US Hwy 41 N	AST 29-8624890, LUST	Petroleum	No	Sta 172+40 to 176+00 RT Adjacent to roadway	Vacant property. LUST and AST databases. It was listed in the LUST database under FID No. 8837773. The property was listed in the AST database with FID No. 29-8624890. There were three ASTs previously on this property: • AST 1: 6,000 gallons, vehicular diesel, installed 07/01/80, removed from site. • AST 2: 2,000 gallons, unleaded gasoline, installed 07/01/81, removed from site. • AST 3: 4,000 gallons, unleaded gasoline, installed 11/01/92, removed from site. There were two DRFs filed for this site, one on 10/25/88 and the second on 08/23/02. A SAR was completed for the release of 08/23/02. The site was issued a SRCO on 02/14/03. Based on the past petroleum releases and proximity to the US 41 ROW, possible groundwater contamination may affect construction activities. Further environmental assessment is recommended.	**MED**
23	Dunkel Motor Services	5301 US Hwy 41 N	UST 29-8625882	Petroleum	No	Sta 164+80 to 169+00 RT 100 ft east of roadway	Active auto sales and repair facility. UST database with FID No. 29-8625882. The property is located adjacent to the east side of US 41. Two USTs were present on this property: • UST 1: 4,000 gallons, unleaded gasoline, installed 12/01/84, removed 08/31/92. • UST 2: 500 gallons, waste oil, installed 12/01/84, removed 08/31/92. As this site is an active auto repair facility located adjacent to the US 41 ROW, environmental conditions at the site may impact construction activities. Further environmental assessment is recommended.	**MED**

Notes:
CAR = Contamination Assessment Report
DRF = Discharge Report Form
EDI = Early Detection Incentive
EPCHC = Environmental Protection Commission of Hillsborough County
FDEP = Florida Department of Environmental Protection
HCPA = Hillsborough County Property Appraiser
HCSWE = Hillsborough County Solid Waste Expansion
mg/kg = milligrams per kilogram
MTBE = methyl tertiary butyl ether
NAM = natural attenuation monitoring
NFA = No Further Action
PCE = Tetrachloroethylene
RAP = Remedial Action Plan
ROW = right-of-way
SAR = Site Assessment Report
SCTLs = Soil Cleanup Target Levels
SCTS = South County Transfer Station
SRCO = Site Rehabilitation Completion Order
TECO = Tampa Electric

Figures

34365–B1

DRAWN BY	SDJF	CHECKED BY			DRA
	2–19–09	APPROVED BY			NUM



FIGURE

PROJECT LOCAT

US 41 (SR 4

12TH STREET TO KRAC

TAMPA, HILLSBOROUGH C

FPN No. 42II40-

PREPARED F

FLORIDA DEPART

TRANSPORTATION -

TAMPA, FLO

Shaw Shaw Enviro

ECKED BY			DRAWING NUMBER	134365-B3
PROVED BY				

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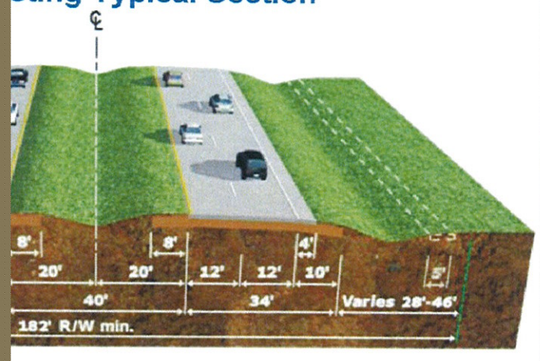
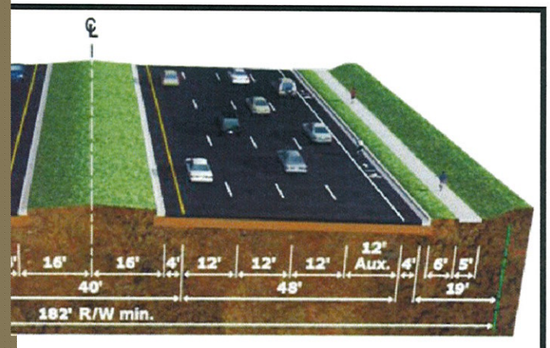


g 5-ft sidewalks are intermittent



an with Auxiliary Lanes*

sign Speed = 45 MPH

to two segments:
o approximately 1000 ft north of Apollo Beach Blvd
south of Big Bend Road to Big Bend Road

FIGURE 2

TYPICAL ROADWAY SECTIONS
US 41 (SR 45)
12TH STREET TO KRACKER AVENUE
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FPN No. 421140-8-22-01

PREPARED FOR

FLORIDA DEPARTMENT OF
TRANSPORTATION - DISTRICT VII
TAMPA, FLORIDA

Shaw Shaw Environmental, Inc.

US 41 (SR 4
12TH STREET TO KRAC
TAMPA, HILLSBOROUGH C
FPN No. 421140-

PREPARED

FLORIDA DEPART
TRANSPORTATION -
TAMPA, FLC

Shaw Shaw Envir

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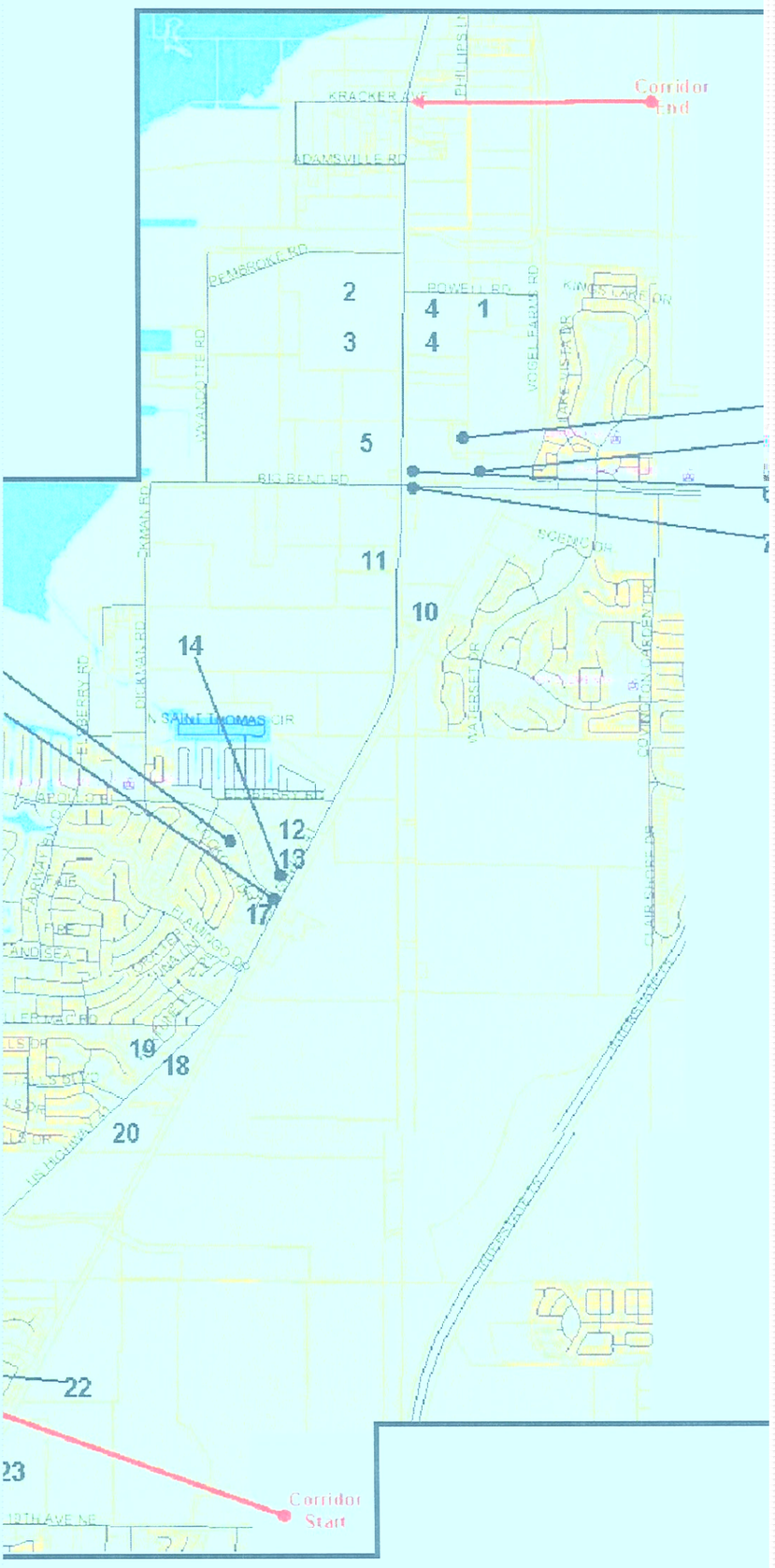
	2-19-09	APPROVED BY			NUME



SCALE
0 3,000 6,(

FIGURE

SITE LOCATIC

Appendix A
Scope of Services

ATTACHMENT "A"

SCOPE OF SERVICES

FOR

LIMITED LEVEL I HAZARDOUS MATERIALS AND CONTAMINATION INVESTIGATION

FOR

U.S. 41 (S.R. 45)
FROM 12TH STREET TO KRACKER AVENUE
HILLSBOROUGH COUNTY, FLORIDA

FINANCIAL PROJECT NUMBERS
421140-8-C2-01

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 7

December 31, 2008

I. DESCRIPTION:

Consultant services are required for a Limited Level I Hazardous Materials and Contamination Investigation for U.S. 41 (S.R. 45) from 12th Street to Kracker Avenue in Hillsborough County, Florida.

II. OBJECTIVES:

The Consultant shall investigate each site and evaluate adjacent properties for potential hazardous material and contamination problems. The elements of work shall include, but are not limited to, the following: public record searches; review of aerial photographs; onsite field review and verification; assignment of site rankings per Part 2, Chapter 22, of the *Project Development and Environmental (PD&E) Guidelines Manual*; and preparation of a technically concise report to document services performed.

III. PROVISIONS FOR WORK:

All work shall be performed in accordance with the applicable rules and regulations of the Florida Department of Environmental Protection and all other pertinent state and federal authorities.

IV. SERVICES:

A. Perform site reconnaissance to verify acquired data for each site, including a careful examination of sites along the subject corridor to identify potential hazardous waste and pollutants associated with the proposed transportation improvement project per Part 2, Chapter 22 of the *PD&E Guidelines Manual.* Shaw will pay particular attention to site storage and handling for those sites with changed land use and previously unrecorded or undocumented problems.

B. Perform public record searches to identify the current tenants and legal owners as well as past tenants and the associated land usage/business activities. Coordinate this data with the appropriate aerial survey.

C. Conduct state and local environmental and health agency visits and review state, local, and federal databases to secure lists and other information about the past and present users of hazardous materials; generators of hazardous waste, pollutants, industrial waste, and solid waste; agricultural operations involving pesticides, herbicides, and fertilizers; agricultural livestock operations and potential "cattle dipping vat" operations; and storage tanks (above or below ground), as well as other potential soil and groundwater contaminants. Report problems with their usage (Notices of Violation, non-compliance documents, Consent Orders, etc.)

D. For each site, rank the potential for encountering hazardous waste or pollutants as a result of the transportation improvement project and the associated land purchases and construction activities using Part 2, Chapter 22 of the *PD&E Guidelines Manual.*

E. Submit a Level I Report to the department. The report will be technically concise and will include data collected, analyses, and recommendations made as a result of the Level I investigation. The report will include an executive summary, a narrative, tables, graphics, and appendices (site profiles, violation summaries, correspondence, etc.) to completely illustrate the screening effort. The report will discuss in detail the medium and high risk sites identified during the Level I investigation, and will provide recommendations for additional evaluations or investigations to be completed prior to the right-of-way acquisition phase and construction. Shaw will submit one (1) draft report to the department. Upon approval of the draft report by the department, Shaw will submit one (1) hard copy and three (3) electronic media compact disk copies of the report to the department.

V. DEPARTMENT RESPONSIBILITIES:

The FDOT may opt to provide any liaison function necessary to accomplish the work. Any questions concerning this project should be directed to:

Joseph Feaster, telephone number (813) 975-6617 joe.feaster@dot.state.fl.us.

VI. LENGTH OF SERVICES:

Services are to be completed upon project completion.

Appendix B
Photographs

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 1	
Photographer: HCPA Aerial	
Date:	
Direction: Aerial	
Comments: 84 Lumber aerial photograph.	
Photo Number: 2	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: Southwest	
Comments: National Gypsum, front of building	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 3 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Southeast **Comments:** National Gypsum, tanks at rear of building.	
Photo Number: 4 **Photographer:** HCPA Aerial **Date:** **Direction:** Aerial **Comments:** National Gypsum aerial photograph.	

Photographic Record

Client: FDOT	**Site Name:**
Project Number: 134365	**Site Location:** US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 7	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: Northwest	
Comments: Waterberry Farms, unregulated aboveground diesel tank.	
Photo Number: 8	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 9 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** North **Comments:** 7-Eleven Store #33972.	
Photo Number: 10 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** North **Comments:** 7-Eleven Store #32972, along right-of-way of US Highway 41 North.	

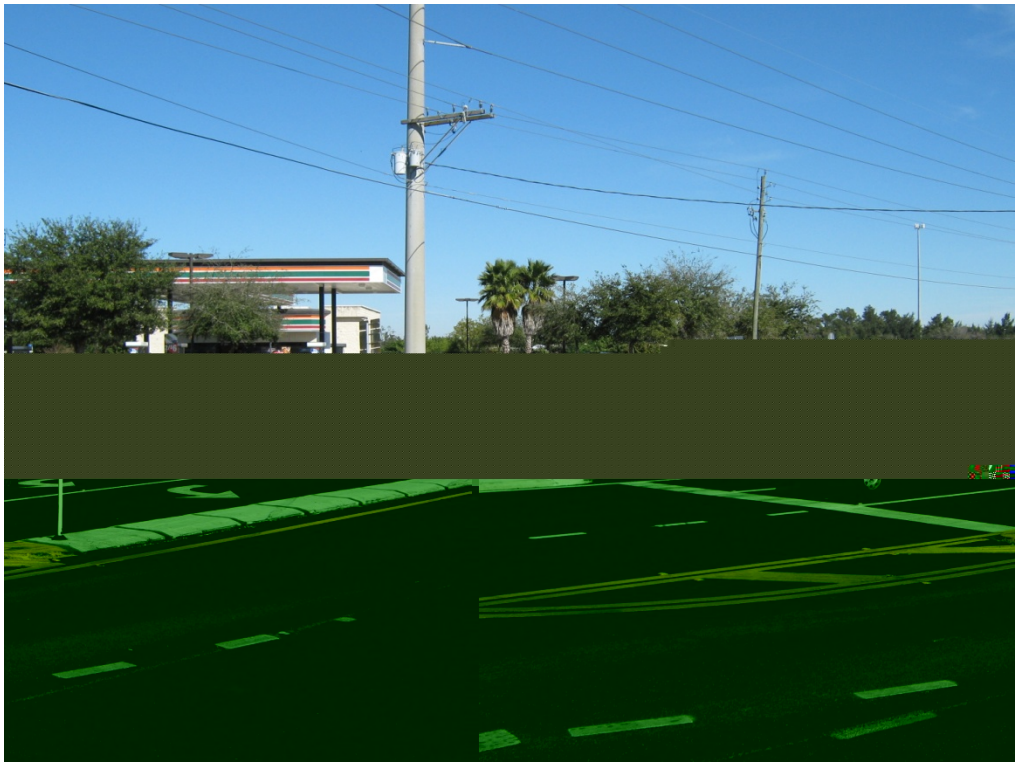
Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 11 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Northeast **Comments:** 7-Eleven Store #32972, along right-of-way of Big Bend Road.	
Photo Number: 12 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** North **Comments:** Lil' Champ Food Store #6544, along right-of-way of US Highway 41 North.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 17 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Northeast **Comments:** Pacific Tomato Growers packing house.	
Photo Number: 18 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** East **Comments:** Pacific Tomato Growers packing house.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 19 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Southeast **Comments:** Pacific Tomato Growers property.	
Photo Number: 20 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** North **Comments:** TECO Production Service Center along right-of-way of US Highway 41 North.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 21 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Northwest **Comments:** TECO Production Service Center.	
Photo Number: 22 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** West **Comments:** Publix Super Market back-up generator with natural gas supply line shown at lower left of generator fuel tank base.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 23 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** West-Northwest **Comments:** Touch of Class Dry Cleaners, front view.	
Photo Number: 24 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** West **Comments:** Touch of Class Dry Cleaners, rear view.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 25 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Southwest **Comments:** CVS Pharmacy (former Chevron).	
Photo Number: 26 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** South **Comments:** CVS Pharmacy (former Chevron) along right-of-way of US Highway 41 North.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 37 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Northeast **Comments:** Stake Tomatoes/DiMare of Ruskin, Inc. packing house.	
Photo Number: 38 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Southeast **Comments:** Stake Tomatoes/DiMare of Ruskin, Inc. packing house.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 39	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: East	
Comments: Stake Tomatoes/DiMare of Ruskin, Inc. packing house.	

Photo Number: 40	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: East	
Comments: Stake Tomatoes/DiMare of Ruskin, Inc. packing house.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 41	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: South	
Comments: Mira Bay, LLC, intersection of US Highway 41 North and Leisey Road. Developed as a Sweetbay Super Market, outparcels for sale.	
Photo Number: 42	
Photographer: Scott Jordan	
Date: January 16, 2009	
Direction: North	
Comments: Former Artesian Farms property, currently used as overflow parking for church across 12th Street.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 43 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** West **Comments:** PVC pipes stubbed into the ground at former Artesian Farms site.	
Photo Number: 44 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** Northwest **Comments:** Former Artesian Farms site, US Highway 41 North seen in background.	

Photographic Record

Client: FDOT

Site Name:

Project Number: 134365

Site Location: US Highway 41, NE 12th Street to Kracker Avenue, Ruskin and Apollo Beach, Florida

Photo Number: 45 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** North-Northeast **Comments:** Dunkel Motor Services along right-of-way of US Highway 41 North.	
Photo Number: 46 **Photographer:** Scott Jordan **Date:** January 16, 2009 **Direction:** West **Comments:** Rear of Dunkel Motor Services, used oil tank is seen between building and green auto.	

Appendix C
EDR Report

US 41
12th Street to Kracker
Apollo Beach, FL 33572

Inquiry Number: 2406887.1s
January 26, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/26/09

Site Name:
US 41
12th Street to Kracker
Apollo Beach, FL 33572

Client Name:
Shaw Env. and Infrastructure
725 U S Highway 301 South
Tampa, FL 33619

EDR Inquiry # 2406887.1s

Contact: Scott Jordan

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Shaw Env. and Infrastructure were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: US 41
Address: 12th Street to Kracker
City, State, Zip: Apollo Beach, FL 33572
Cross Street:
P.O. # NA
Project: 134365
Certification # D577-4AC5-8122

Sanborn® Library search results
Certification # D577-4AC5-8122

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

Total Maps: 0

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US 41
12th Street to Kracker
Apollo Beach, FL 33572

Inquiry Number: 2406887.2
January 27, 2009

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

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

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Date EDR Searched Historical Sources:

Aerial Photography January 27, 2009

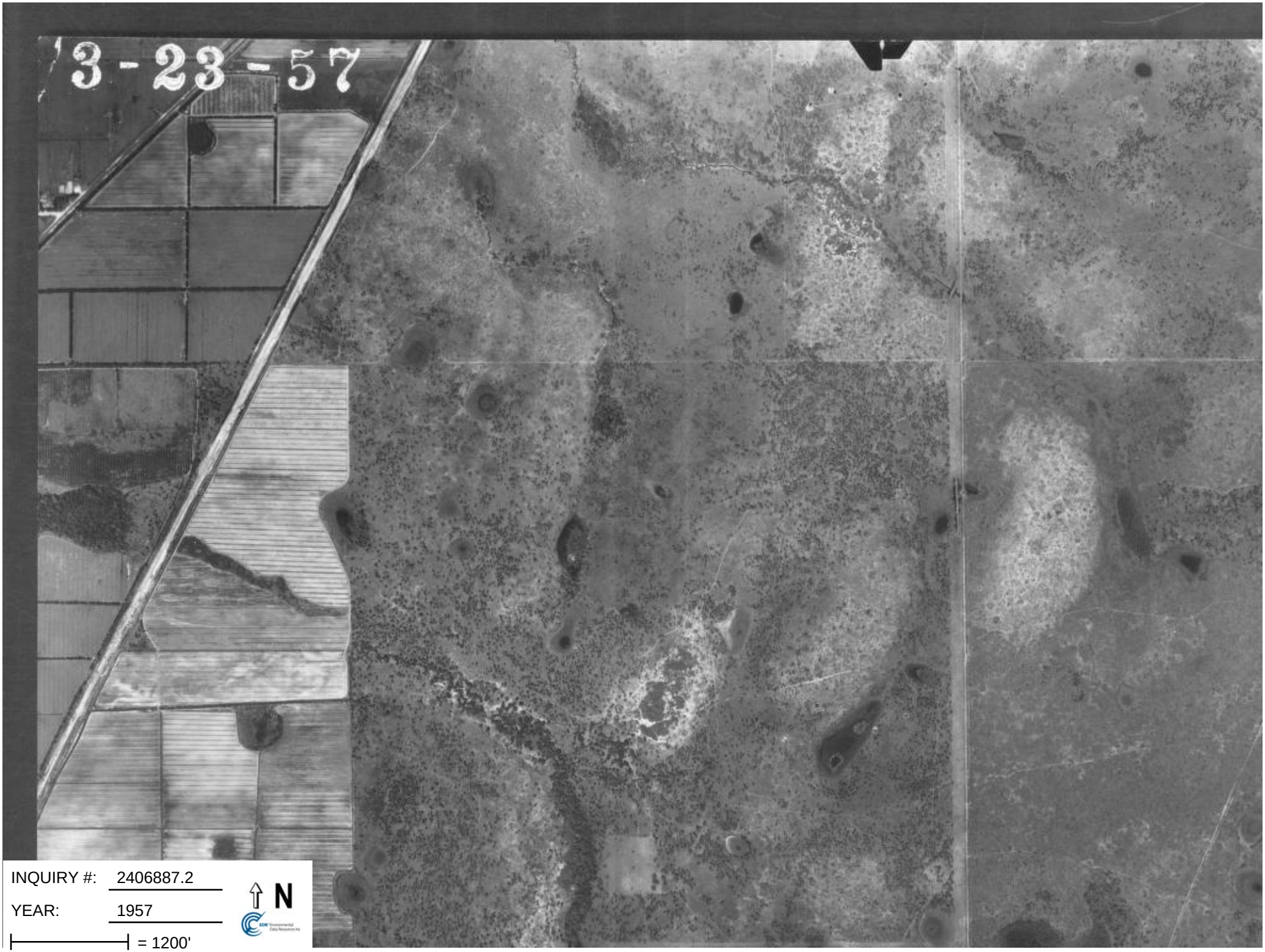
Target Property:

12th Street to Kracker

Apollo Beach, FL 33572

Year	*Scale*	*Details*	*Source*
1957	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1957	ASCS
1957	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1957	ASCS
1957	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1957	ASCS
1957	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1957	ASCS
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976	FL DOT
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976	FL DOT
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976	FL DOT
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976	FL DOT
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976 Best Copy Available from original source	FL DOT
1976	Aerial Photograph. Scale: 1"=600'	Flight Year: 1976	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1984	Aerial Photograph. Scale: 1"=600'	Flight Year: 1984	FL DOT
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT

Year	*Scale*	*Details*	*Source*
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT
1995	Aerial Photograph. Scale: 1"=600'	Flight Year: 1995	FL DOT

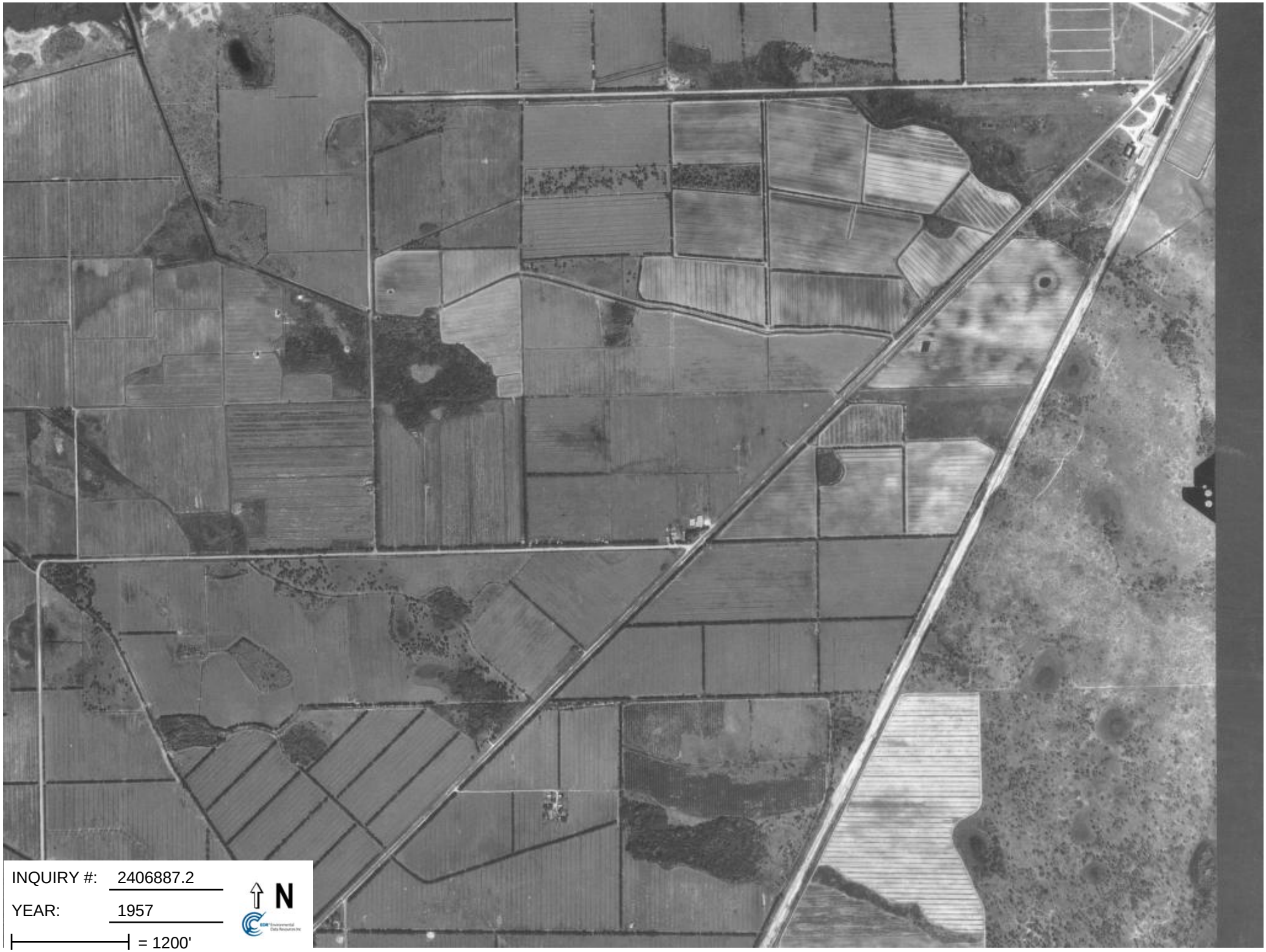


INQUIRY #: 2406887.2

YEAR: 1957

= 1200'

N



INQUIRY #: 2406887.2

YEAR: 1957

= 1200'

N

INQUIRY #: 2406887.2

YEAR: 1976

= 600'

N

INQUIRY #: 2406887.2

YEAR: 1995

= 600'

N

INQUIRY #: 2406887.2

YEAR: 1995

= 600'

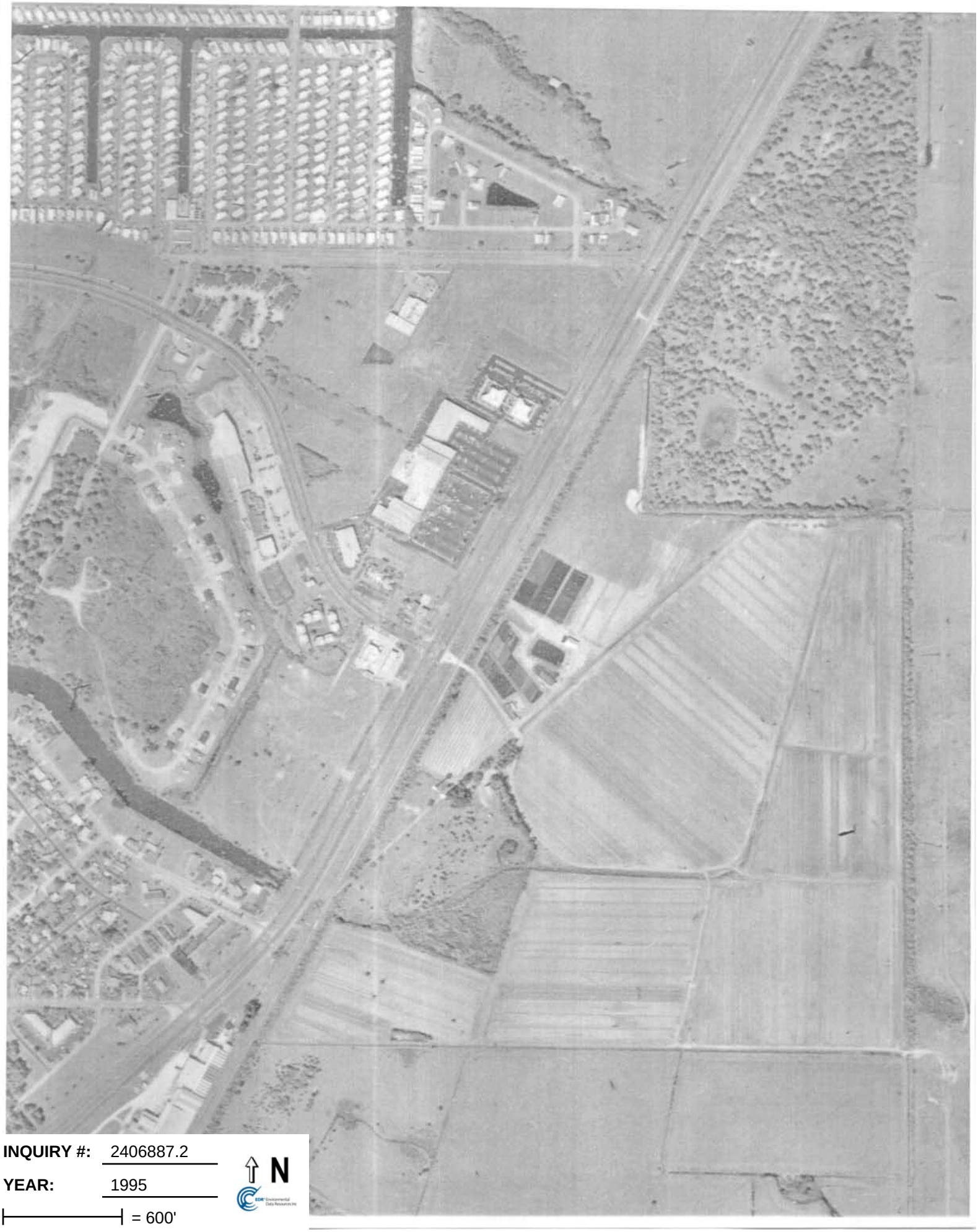
N

INQUIRY #: 2406887.2

YEAR: 1995

= 600'

N



INQUIRY #: 2406887.2

YEAR: 1995

= 600'

N

INQUIRY #: 2406887.2

YEAR: 1995

= 600'

N

INQUIRY #: 2406887.2

YEAR: 1995

= 600'

N

US 41
Apollo Beach, FL 33572

Inquiry Number: 02406887.3r
January 27, 2009

EDR DataMap™ Corridor Study

EDR® Environmental Data Resources Inc

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Milford, CT 06461
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www.edrnet.com

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

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

APOLLO BEACH, FL 33572
APOLLO BEACH, FL 33572

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

SHWS ---------- Florida's State-Funded Action Sites
Fl Sites ---------- Sites List
ENG CONTROLS ---------- Institutional Controls Registry
INST CONTROL ---------- Institutional Controls Registry
VCP ---------- Voluntary Cleanup Sites
DEDB ---------- Ethylene Dibromide Database Results
BROWNFIELDS ---------- Brownfield Areas
FL Cattle Dip. Vats ---------- Cattle Dipping Vats

TRIBAL RECORDS

INDIAN RESERV ---------- Indian Reservations
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
INDIAN UST ---------- Underground Storage Tanks on Indian Land
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants ---- EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/10/2008 has revealed that there are 2 RCRA-SQG sites within the searched area.

Site	Address	Map ID	Page
LIL CHAMP JIFFY #544	***6005 BIG BEND RD***	***8***	***41***
AMOCO SPLIT SECOND #60407	***6190 US HWY 41 N***	***14***	***73***

EXECUTIVE SUMMARY

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/10/2008 has revealed that there is 1 RCRA-CESQG site within the searched area.

Site	Address	Map ID	Page
TOUCH OF CLASS CLEANERS	***6402 US HWY 41S***	***11***	***69***

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/10/2008 has revealed that there is 1 RCRA-NonGen site within the searched area.

Site	Address	Map ID	Page
TAMPA ELECTRIC CO PROD SVC CTR	***6944 N US HIGHWAY 41***	***10***	***67***

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2007 has revealed that there are 2 ERNS sites within the searched area.

Site	Address	Map ID	Page
12949 US HWY 41 SOUTH	12949 US HWY 41 SOUTH	2	34
NATIONAL GYPSUM CORP/GOLD BOND	NATIONAL GYPSUM CORP/GO	5	36

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2006 has revealed that there is 1 TRIS site within the searched area.

Site	Address	Map ID	Page
NEW NGC INC. D/B/A NATIONAL GY	12949 U.S. HWY 41 S	2	34

EXECUTIVE SUMMARY

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

A review of the SSTS list, as provided by EDR, and dated 12/31/2006 has revealed that there is 1 SSTS site within the searched area.

Site	Address	Map ID	Page
APOLLO BEACH HARDWARE	***268 APOLLO BEACH BLVD***	***13***	***73***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 10/30/2008 has revealed that there are 18 FINDS sites within the searched area.

Site	Address	Map ID	Page
84 LUMBER - POWELL ROAD, HILLS	6225 POWELL RD	1	3
NEW NGC, INC	12949 U S HIGHWAY 41 SO	2	33
NATIONAL GYPSUM APOLLO BEACH W	12979 US HIGHWAY 41 S	4	35
LIL CHAMP JIFFY #544	***6005 BIG BEND RD***	***8***	***41***
RMC EWELL INC/BIG BEND FACILIT	6002 BIG BEND ROAD	8	49
CEMEX INC - BIG BEND CBP	6002 BIG BEND ROAD	8	65
SEGREST FARMS	6180 BIG BEND ROAD	9	67
TAMPA ELECTRIC CO PROD SVC CTR	***6944 N US HIGHWAY 41***	***10***	***67***
APOLLO BEACH CLEANERS INC	6402 US HIGHWAY 41 NORT	11	68
TOUCH OF CLASS CLEANERS	***6402 US HWY 41S***	***11***	***69***
AAA HARDWARE	6460 US HWY 41 NORTH	12	73
APOLLO BEACH HARDWARE	***268 APOLLO BEACH BLVD***	***13***	***73***
AMOCO SPLIT SECOND #60407	***6190 US HWY 41 N***	***14***	***73***
AMOCO SPLIT SECOND #60407	6190 N US HIGHWAY 41	15	83
APOLLO BEACH PLAZA - PARCEL C	500 +/- NW OF TAMIAMI T	15	92
CHILD S ADVENTURE DAYCARE ADDI	5931 FROND WAY	16	93
ADDITION AT CHILD'S ADVENTURE	5931 FROND WAY	16	94
GOLD BANK	***5461 N US HWY 41***	***19***	***99***

STATE AND LOCAL RECORDS

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection's Facility Directory (Solid Waste Facilities).

A review of the SWF/LF list, as provided by EDR, and dated 11/10/2008 has revealed that there is 1

SWF/LF site within the searched area.

Site	Address	Map ID	Page
SOUTH COUNTY TRANSFER STATION	US41, N OF BIG BEND RD	7	39

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's PCTO1--Petroleum Contamination Detail Report.

A review of the LUST list, as provided by EDR, and dated 11/04/2008 has revealed that there are 4 LUST sites within the searched area.

Site	Address	Map ID	Page
RADIANT FOOD STORE #209	6190 US HWY 41 N	14	75
Discharge Cleanup Status: RA - RA ONGOING			
Discharge Cleanup Status: NFA - NFA COMPLETE			
CHEVRON-APOLLO BEACH	***6202 US HWY 41 N***	***15***	***84***
Discharge Cleanup Status: NFA - NFA COMPLETE			
Discharge Cleanup Status: NFA - NFA COMPLETE			
ARTESIAN FARMS INC - BARN	OFF US 41	20	99
Discharge Cleanup Status: NFA - NFA COMPLETE			
ARTESIAN FARMS INC	***5355 12TH ST NE***	***21***	***102***
Discharge Cleanup Status: NFA - NFA COMPLETE			

UST: The Underground Storage Tank database contains registered USTs. Shortly after the September 11 event, the DEP was instructed to remove the detail about some of the storage tank facilities in the state from their reports. Federal-owned facilities and bulk storage facilities are included in that set.

A review of the UST list, as provided by EDR, and dated 08/01/2008 has revealed that there are 9 UST sites within the searched area.

Site	Address	Map ID	Page
7-ELEVEN FOOD STORE #32972	13150 US HWY 41 S	6	36
LIL CHAMP FOOD STORE #6544	6005 BIG BEND RD	8	39
MANATEE RIVER GROVES	6321 HWY SR 674	8	42
ELSBERRY PARTNERSHIP INC	***101 BIG BEND RD***	***8***	***44***
ELSBERRY PARTNERSHIP	101 BIG BEND RD	8	46
RADIANT FOOD STORE #209	6190 US HWY 41 N	14	79
TILLETT FARMS	W SIDE OF RT 41 S OF AP	15	82
CHEVRON-APOLLO BEACH	***6202 US HWY 41 N***	***15***	***84***
DUNKLE MOTOR SALES	5301 US HWY 41 N	22	106

EXECUTIVE SUMMARY

AST: Shortly after the Sept 11 event, the DEP was instructed to remove the detail about some of the storage tank facilities in the state from their reports. Federal-owned facilities and bulk storage facilities are included in that set.

A review of the AST list, as provided by EDR, and dated 08/01/2008 has revealed that there are 6 AST sites within the searched area.

Site	Address	Map ID	Page
HILLSBOROUGH CNTY-SOLID WASTE	13000 US HWY 41 S	4	35
WATERBERRY FARMS INC	101 BIG BEND RD	8	43
ELSBERRY PARTNERSHIP INC	***101 BIG BEND RD***	***8***	***44***
BIG BEND RM FACILITY	***6002 BIG BEND RD***	***8***	***47***
EWELL INDUSTRIES-BIG BEND BATC	US HWY 41 & BIG BEND RD	8	66
ARTESIAN FARMS INC	***5355 12TH ST NE***	***21***	***102***

SPILLS: Fuel Spill Cases from the Department of Environmental resource management

A review of the SPILLS list, as provided by EDR, and dated 11/14/2008 has revealed that there are 2 SPILLS sites within the searched area.

Site	Address	Map ID	Page
Not reported	12949 US HIGHWAY 41 SOU	3	34
Not reported	6002 BIG BEND RD	8	65

Florida Priority Cleaners list comes from the Department of Environmental Protection.

A review of the PRIORITYCLEANERS list, as provided by EDR, and dated 12/01/2008 has revealed that there is 1 PRIORITYCLEANERS site within the searched area.

Site	Address	Map ID	Page
TOUCH OF CLASS CLEANERS	***6402 US HWY 41S***	***11***	***69***

Florida Drycleaners list comes from the Department of Environmental Protection.

A review of the DRYCLEANERS list, as provided by EDR, and dated 11/06/2008 has revealed that there is 1 DRYCLEANERS site within the searched area.

Site	Address	Map ID	Page
TOUCH OF CLASS CLEANERS	***6402 US HWY 41S***	***11***	***69***

EXECUTIVE SUMMARY

NPDES: Domestic and Industrial Wastewater Facilities

A review of the NPDES list, as provided by EDR, and dated 11/10/2008 has revealed that there are 8 NPDES sites within the searched area.

Site	Address	Map ID	Page
NEW NGC, INC	12949 US HIGHWAY 41 S	2	33
NATIONAL GYPSUM APPOLLO BEACH	12979 US HIGHWAY 41 S	4	35
CEMEX, INC. - BIG BEND FACILIT	6002 BIG BEND ROAD	8	65
RUSKIN VEGETABLE CORPORATION	5909 N TAMIAMI TRAIL	12	72
A CHILD'S ADVENTURE DAYCARE CE	FROND WAY AND FORTUNE P	16	92
ADDITION AT CHILD'S ADVENTURE	5931 FROND WAY	16	93
DIMARE OF RUSKIN, INC (FORMERL	5715 US HWY 41	18	98
GOLD BANK	***5461 N US HWY 41***	***19***	***99***

AIRS: A listing of Air Resources Management permits.

A review of the AIRS list, as provided by EDR, and dated 11/24/2008 has revealed that there are 2 AIRS sites within the searched area.

Site	Address	Map ID	Page
NEW NGC, INC., APOLLO BEACH	12949 US HIGHWAY 41 SOU	2	32
BIG BEND RM FACILITY	***6002 BIG BEND RD***	***8***	***47***

TIER 2: A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

A review of the TIER 2 list, as provided by EDR, and dated 10/01/2008 has revealed that there are 3 TIER 2 sites within the searched area.

Site	Address	Map ID	Page
NATIONAL GYPSUM - APOLLO BEACH	12949 US HIGHWAY 41 SOU	2	3
CEMEX CONSTRUCTION MATERIALS -	6002 BIG BEND ROAD	8	49
DIMARE RUSKIN - HARDEE RUSKIN	5715 US HIGHWAY 41	17	94

DIMARE RUSKIN - HARDEE RUSKIN (Continued) **S107717683**

302 NOAFLAG:	False
PLOT Source:	ZIP Code
Chemical ID:	127218
Tier 2 Report ID:	51146
CAS Number:	10265926
Chamical Name:	ACEPHATE-MET [METHAMIDOPHOS] [MONITOR] [ORTHO 9006] [TAMARON]
Average Amount:	1
Maximum Amount:	5000
SEC302:	True
SEC311:	True
SEC313:	False
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
Chemical ID:	23737
Tier 2 Report ID:	51146
CAS Number:	115297
Chamical Name:	ENDOSULFAN [BENZOEPIN] [BEOSIT] [CHLORTHIEPIN] [CYCLODAN] [THIODAN]
Average Amount:	1
Maximum Amount:	500
SEC302:	True
SEC311:	True
SEC313:	False
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
Chemical ID:	83137
Tier 2 Report ID:	51146
CAS Number:	1910425
Chamical Name:	PARAQUAT DICHLORIDE [GRAMOXONE] [GRAMOXONE EXTRA] [GRAMOXONE SPECIAL]
Average Amount:	1
Maximum Amount:	50
SEC302:	True
SEC311:	True
SEC313:	True
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
Chemical ID:	127219
Tier 2 Report ID:	51146
CAS Number:	23135220
Chamical Name:	OXAMYL [THIOXAMYL] [VYDATE-G] [VYDATE-L]
Average Amount:	1
Maximum Amount:	500
SEC302:	True
SEC311:	True
SEC313:	False
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
Chemical ID:	11091
Tier 2 Report ID:	51146
CAS Number:	74839

DIMARE RUSKIN - HARDEE RUSKIN (Continued) **S107717683**

Chamical Name:	BROMOMETHANE [METHYL BROMIDE]
Average Amount:	3
Maximum Amount:	20000
SEC302:	True
SEC311:	True
SEC313:	True
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
Chemical ID:	11092
Tier 2 Report ID:	51146
CAS Number:	86500
Chamical Name:	AZINPHOS-METHYL [GUTHION]
Average Amount:	1
Maximum Amount:	500
SEC302:	True
SEC311:	True
SEC313:	False
SEC3112R:	False
SEC304:	True
Chemical Date:	1/2/1972
County Code:	29
County:	Hillsborough
County Code:	41
County:	Manatee
County Code:	51
County:	Pasco
County Code:	52
County:	Pinellas
Company Name:	DIMARE RUSKIN
Company Address:	POST OFFICE BOX 967
Company City,St,Zip:	RUSKIN, FL 33570-
Company Phone:	813-645-3241
Company Fax:	Not reported
Company Email:	Not reported
FEI Number:	591226243
Comany Contact Name:	JOHN REMIGER
Cmpny Contact Phone:	813-645-3241
Reduced Fees:	False
Exempt Fees:	False
Electronic Filing:	False
Employee:	Not reported
Comment:	Not reported
Contact ID:	8732
Contact Type:	Tier II Emergency Contact
Contact Name:	SCOTT DIMARE
Contact Title:	FARM MANAGER
Contact Phone:	941-720-4494
Cntct 24Hr Phone:	- -

DIMARE RUSKIN - HARDEE RUSKIN (Continued) **S107717683**

Contact ID:	18470
Contact Type:	Tier II Secondary Contact
Contact Name:	PAUL HARLOFF
Contact Title:	FARM MANAGER
Contact Phone:	941-773-7717
Cntct 24Hr Phone:	- -
County:	Not reported
SEC302:	Not reported
Active Date:	Not reported
Inactive Date:	Not reported
Old HMIS Date:	Not reported
Visit for 2001:	Not reported
Visit for 2002:	Not reported
Visit for 2003:	Not reported
Visit for 2004:	Not reported
Visit for 2005:	Not reported
Site Visit Date:	Not reported
Hazard ID:	Not reported
Fire:	Not reported
Preasure:	Not reported
Reactivitye:	Not reported
Acute:	Not reported
Chronic:	Not reported
CAS Number:	Not reported
Chemical Name:	Not reported
Location ID:	236988
Chemical ID:	115114
Chemical State:	LIQUID
Mixture:	False
Mixture Percent:	100
Containter:	CONV
Pressure:	CONV
Temprature:	CONV
Average Amount:	4
Maximum Amount:	18750
Days on Site:	365
Site Plan:	False
Site Plan Document:	Not reported
Private Location:	False
Location:	Not reported
Tier II Report ID:	91906
Report Year:	2002
Tier II Report ID:	83535
Report Year:	2003
Tier II Report ID:	89458
Report Year:	2004
Tier II Report ID:	96707
Report Year:	2006

DIMARE RUSKIN - HARDEE RUSKIN (Continued) **S107717683**

Tier II Report ID: 91910
Report Year: 2005

Tier II Report ID: 102132
Report Year: 2007

Tier II Report ID: 51146
Report Year: 1998

Comments: HA STATES THAT THIS IS ONLY THE OFFICE- NO EHS ON SITE. SL. 4-28-2005 - FEE AMNESTY PERIOD

---

18 **DIMARE OF RUSKIN, INC (FORMERLY STAKE TOMATOES OF** **NPDES** **S103616330**
5715 US HWY 41 **N/A**
RUSKIN, FL

WASTEWATER:
Flag: INDUSTRIAL
District Office: SWHI
Facility ID: FLA177342
NPDES Permitted Site: No
Facility Type: Industrial Wastewater
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.
Facility Address: Not reported
Owner Type: Private
Permit Capacity: Not reported
Party Name: Tony DiMare, Vice President
Company Name: DiMare Ruskin Inc
RP Address: P.O. Box 967
RP Address 2: Not reported
PR City,Stat,Zip: Ruskin FL 33570
Telephone: 8136453241
Email: Not reported
Issue Date: 4/25/2007
Expiration Date: 4/24/2012
DOC Description: General Permit
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Treatment: Not reported

19 **GOLD BANK** **FINDS** **1008384024**
5461 N US HWY 41 **NPDES** **110022461762**
APOLLO BEACH, FL 33572

FINDS:
Other Pertinent Environmental Activity Identified at Site

Not reported

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

WASTEWATER:

Flag:	STORM WATER
District Office:	TLST
Facility ID:	FLR10AU44
NPDES Permitted Site:	Not reported
Facility Type:	Construction Stormwater GP
Status:	Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.
Facility Address:	Not reported
Owner Type:	Private
Permit Capacity:	Not reported
Party Name:	Michael Kaney, PMTE
Company Name:	Hd Gold 41, LLC
RP Address:	5100 W Kennedy Blvd Ste 225
RP Address 2:	Not reported
PR City,Stat,Zip:	Tampa FL 33609-1892
Telephone:	8132895511
Email:	Not reported
Issue Date:	6/26/2005
Expiration Date:	6/25/2010
DOC Description:	Generic Permit
Latitude Degrees:	27
Latitude Minutes:	46
Latitude Seconds:	17.245200000000001
Longitude Degrees:	82
Longitude Minutes:	24
Longitude Seconds:	28.252800000000001
Treatment:	Not reported

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20 **ARTESIAN FARMS INC - BARN** **LUST** **S102533788**
OFF US 41 **N/A**
RUSKIN, FL

LUST:

Region:	STATE
Facility Id:	8837773
Facility Status:	DELETED
Facility Type:	M - Agricultural -
Facility Phone:	(813) 645-3211
Facility Cleanup Rank:	Not reported
District:	Southwest District
Lat/Long (dms):	27 43 49 / 82 23 27
Section:	003

ARTESIAN FARMS INC - BARN (Continued) **S102533788**

Township: 32S
Range: 19E
Feature: Not reported
Method: UNVR
Datum: 0
Score: 41
Score Effective Date: 11-30-2000
Score When Ranked: Not reported
Operator: ARTESIAN FARMS INC
Name Update: 06-28-2005
Address Update: 06-28-2005

Discharge Cleanup Summary:
Discharge Date: 10/26/1988 00:00:00
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 01/31/2003 00:00:00
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E
Site Manager: GARCIA_N
Site Mgr End Date: 01/29/2003 00:00:00
Tank Office: PCLP29 - Hillsborough County

Petroleum Cleanup Program Eligibility:
Facility ID: 8837773
Discharge Date: 10/26/1988 00:00:00
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 01/31/2003 00:00:00
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Application Received Date: 12-07-1988
Cleanup Program: E - EARLY DETECTION INCENTIVE
Eligibility Status: 11/01/1990 00:00:00
Elig Status Date: 11/01/1990 00:00:00
Letter Of Intent Date: Not reported
Redetermined: No
Inspection Date: 11/16/1989 00:00:00
Site Manager: GARCIA_N
Site Mgr End Date: 01/29/2003 00:00:00
Tank Office: PCLP29 - Hillsborough County
Deductible Amount: Not reported
Deductible Paid To Date: $0.00
Co-Pay Amount: Not reported
Co-Pay Paid To Date: $0.00
Cap Amount: Not reported

Contaminated Media:
Discharge Date: 10/26/1988 00:00:00
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 01/31/2003 00:00:00
Cleanup Work Status: COMPLETED

ARTESIAN FARMS INC - BARN (Continued) **S102533788**

Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	GARCIA_N
Site Mgr End Date:	01/29/2003 00:00:00
Tank Office:	PCLP29 - Hillsborough County
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - UNLEADED GAS
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	10/26/1988 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	01/31/2003 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	GARCIA_N
Site Mgr End Date:	01/29/2003 00:00:00
Tank Office:	PCLP29 - Hillsborough County
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	L - WASTE OIL
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	SWD
Facility ID:	8837773
Facility Status:	DELETED
Facility Type:	M - Agricultural - Agricultural
Discharge Date:	10/26/1988 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	01/31/2003 00:00:00
Cleanup Work Status:	COMPLETED
Eligibility Indicator:	E
Site Manager:	GARCIA_N
Site Mgr End Date:	01/29/2003 00:00:00
Tank Office:	PCLP29 - Hillsborough County
SR Task ID:	47671
SR Cleanup Responsible:	ST - STATE
SR Funding Elig Type:	-
SR Actual Cost:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported

ARTESIAN FARMS INC - BARN (Continued) **S102533788**

Soil Removal:	Not reported
Free Product Removal:	Not reported
Soil Tonnage Removed:	Not reported
Soil Treatment:	Not reported
Other Treatment:	Not reported
SR Alt Procedure Recieved:	Not reported
SR Alt Procedure Status:	Not reported
SR Alt Procedure Status Date:	Not reported
SR Alt Procedure Comments:	Not reported
SA ID:	47672
SA Cleanup Responsible:	ST - STATE
SA Funding Elig Type:	-
SA Actual Cost:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	47673
RAP Cleanup Responsible ID:	ST - STATE
RAP Funding Elig Type:	-
RAP Actual Cost:	Not reported
RAP Actual Completion Date:	09/04/2002 00:00:00
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	47674
RA Cleanup Responsible:	ST - STATE
RA Funding Elig Type:	-
Ra Years to Complete:	0
RA Actual Cost:	Not reported
SRC Action Type:	NFA - NO FURTHER ACTION
SRC Submit Date:	12/12/2002 00:00:00
SRC Review Date:	01/24/2003 00:00:00
SRC Completion Status:	A - APPROVED
SRC Completion Status Date:	01/29/2003 00:00:00
SRC Issue Date:	02/14/2003 00:00:00
SRC Comment:	Not reported

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21 **ARTESIAN FARMS INC** **LUST S105622510**
5355 12TH ST NE **AST N/A**
RUSKIN, FL 33570

LUST:

Region:	STATE
Facility Id:	8624890
Facility Status:	CLOSED
Facility Type:	C - Fuel user/Non-retail -
Facility Phone:	(813) 645-3211
Facility Cleanup Rank:	Not reported
District:	Southwest District
Lat/Long (dms):	27 44 36.82 / 82 24 50.32
Section:	033
Township:	31S
Range:	19E
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	Not reported
Score Effective Date:	Not reported
Score When Ranked:	Not reported
Operator:	JOE MOBLEY

ARTESIAN FARMS INC (Continued) **S105622510**

Name Update: 08-29-2002
Address Update: 08-29-2002

Discharge Cleanup Summary:

Discharge Date:	08/23/2002 00:00:00
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	01/22/2003 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	C - CLOSURE REPORT
Other Source Description:	GW ANALYSIS
Eligibility Indicator:	I
Site Manager:	HEINTZ_C
Site Mgr End Date:	01/22/2003 00:00:00
Tank Office:	PCLP29 - Hillsborough County

Petroleum Cleanup Program Eligibility:

Facility ID:	Not reported
Discharge Date:	Not reported
Pct Discharge Combined With:	Not reported
Cleanup Required:	Not reported
Discharge Cleanup Status:	Not reported
Disch Cleanup Status Date:	Not reported
Cleanup Work Status:	Not reported
Information Source:	Not reported
Other Source Description:	Not reported
Application Received Date:	Not reported
Cleanup Program:	Not reported
Eligibility Status:	Not reported
Elig Status Date:	Not reported
Letter Of Intent Date:	Not reported
Redetermined:	Not reported
Inspection Date:	Not reported
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	Not reported
Deductible Amount:	Not reported
Deductible Paid To Date:	Not reported
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	08/23/2002 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	01/22/2003 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	C - CLOSURE REPORT
Other Source Description:	GW ANALYSIS
Elig Indicator:	I - INELIGIBLE
Site Manager:	HEINTZ_C
Site Mgr End Date:	01/22/2003 00:00:00
Tank Office:	PCLP29 - Hillsborough County
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported

ARTESIAN FARMS INC (Continued) **S105622510**

Contaminated Surface Water: No
Contaminated Ground Water: Yes
Pollutant: D - VEHICULAR DIESEL
Pollutant Other Description: SECOND. OUTFALL/OLD DISPENSER
Gallons Discharged: Not reported

Task Information:
District: SWD
Facility ID: 8624890
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail - Fuel user/Non-retail
Discharge Date: 08/23/2002 00:00:00
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 01/22/2003 00:00:00
Cleanup Work Status: COMPLETED
Eligibility Indicator: I
Site Manager: HEINTZ_C
Site Mgr End Date: 01/22/2003 00:00:00
Tank Office: PCLP29 - Hillsborough County
SR Task ID: 69819
SR Cleanup Responsible: RP - RESPONSIBLE PARTY
SR Funding Elig Type: -
SR Actual Cost: Not reported
SR Actual Completion Date: 08-30-2002
SR Payment Date: Not reported
SR Oral Date: Not reported
SR Written Date: 09-16-2002
Soil Removal: Yes
Free Product Removal: No
Soil Tonnage Removed: 134
Soil Treatment: Yes
Other Treatment: Not reported
SR Alt Procedure Recieved: Not reported
SR Alt Procedure Status: Not reported
SR Alt Procedure Status Date: Not reported
SR Alt Procedure Comments: Not reported
SA ID: 69820
SA Cleanup Responsible: RP - RESPONSIBLE PARTY
SA Funding Elig Type: -
SA Actual Cost: Not reported
SA Actual Completion Date: Not reported
SA Payment Date: Not reported
RAP Task ID: Not reported
RAP Cleanup Responsible ID: -
RAP Funding Elig Type: -
RAP Actual Cost: Not reported
RAP Actual Completion Date: Not reported
RAP Payment Date: Not reported
RAP Last Order Approved: Not reported
RA Task ID: 70425
RA Cleanup Responsible: -
RA Funding Elig Type: -
Ra Years to Complete: 0
RA Actual Cost: Not reported
SRC Action Type: NFA - NO FURTHER ACTION
SRC Submit Date: 11/18/2002 00:00:00

ARTESIAN FARMS INC (Continued) **S105622510**

SRC Review Date: 01/22/2003 00:00:00
SRC Completion Status: A - APPROVED
SRC Completion Status Date: 01/22/2003 00:00:00
SRC Issue Date: 02/14/2003 00:00:00
SRC Comment: SRCO

AST:
Facility ID: 8624890
Facility Phone: (813) 645-3211
Facility Status: CLOSED
Type Description: Fuel user/Non-retail
DEP Contrctr Own: No
Lat/Long (dms): 27 44 36 / 82 25 52
Positioning Method: AGPS

Owner:
Owner Id: 1042
Owner Name: ARTESIAN FARMS INC
Owner Address: PO BOX 128
Owner Address 2: Not reported
Owner City,St,Zip: RUSKIN, FL 33570
Owner Contact: GLENN K. DICKMAN
Owner Phone: (813) 645-3211

Tank Id: 3
Gallons: 4000
Tank Location: ABOVEGROUND
Substance: Unleaded gas
Content Description: Unleaded Gas
Install Date: 01-NOV-1992
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 2
Gallons: 2000
Tank Location: ABOVEGROUND
Substance: Unleaded gas
Content Description: Unleaded Gas
Install Date: 01-JUL-1981
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

ARTESIAN FARMS INC (Continued) **S105622510**

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 1
Gallons: 6000
Tank Location: ABOVEGROUND
Substance: Vehicular diesel
Content Description: Vehicular Diesel
Install Date: 01-JUL-1980
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

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22 **DUNKLE MOTOR SALES** **UST** **U001355016**
5301 US HWY 41 N **N/A**
RUSKIN, FL 33572

UST:
Facility ID: 8625882
Facility Phone: (813) 645-8469
Facility Status: CLOSED
Facility Type: Fuel User / Non-retail
Type Description: Fuel user/Non-retail
DEP Contrctr Own: No
Lat/Long (dms): 27 44 30 / 82 25 15
Positioning Method: UNVR

Owner:
Owner Id: 6175
Owner Name: DUNKEL, DENISE & RAY
Owner Address: 5301 SU 41 N
Owner Address 2: Not reported
Owner City,St,Zip: RUSKIN, FL 33570
Owner Contact: R DUNKEL
Owner Phone: (813) 722-3488

Tank Id: 1
Tank Location: UNDERGROUND
Substance: Unleaded gas
Content Description: Unleaded Gas
Vessel Indicator: TANK

DUNKLE MOTOR SALES (Continued) **U001355016**

Gallons: 4000
Install Date: 01-DEC-1984
Status: Removed
Status Date: 31-AUG-1992

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Substance: Waste oil
Content Description: Waste Oil
Vessel Indicator: TANK
Gallons: 500
Install Date: 01-DEC-1984
Status: Removed
Status Date: 31-AUG-1992

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
APOLLO BCH	1007844874	BIMINI BAY SUBDIVISION	APOLLO BCH BLVD	33572	FINDS, NPDES
APOLLO BEACH	98435275	6944 HIGHWAY 41 NORTH	6944 HIGHWAY 41 NORTH	33572	ERNS
APOLLO BEACH	98429757	6944 HIGHWAY 41 NORTH	6944 HIGHWAY 41 NORTH	33572	ERNS
APOLLO BEACH	1008155517	SOUTH SHORE FALLS	US 41 & S. OF MILLER MAC RD.	33572	FINDS, NPDES
APOLLO BEACH	S109054244	ELSBERRY SOUTH COUNTY	US 41 / APOLLO BEACH BLVD	33572	NPDES
APOLLO BEACH	1007127209	SUNSET BAY TOWNHOMES	APOLLO BEACH BLVD.	33572	FINDS, NPDES
APOLLO BEACH	S108068769	BIMINI BAY 2 SUBDIVISION	APOLLO BEACH BLVD	33572	NPDES
APOLLO BEACH	S108068830	MIRABAY TOWNHOMES - PARCEL 21 & 23	NW CORNER OG VILLEMAIRE / MANNS HARBOR D	33572	NPDES
APOLLO BEACH	S107803042	HAMPTON BAY ESTATES - PHASE I	DICKMAN RD, N OF APOLLO BEACH BLVD	33572	NPDES
APOLLO BEACH	1008908662	SHOPPES OF APOLLO BEACH	FLAMING DRIVE AND HIGHWAY 41	33572	FINDS, NPDES
APOLLO BEACH	S109001195	HERITAGE OPERATING L P - GRENADA ISLAND	6410 GRENADA ISLAND	33572	TIER 2
APOLLO BEACH	1005423431	AAA HARDWARE	6460 U.S. HWY 41 NORTH	33572	SSTS
APOLLO BEACH	S108979062	PUBLIX SUPER MARKET #1113	6434 US HWY 41 N	33572	AST
APOLLO BEACH	S109332344	TOUCH OF CLASS CLEANERS	6402 US HWY 41 N	33572	AIRS
APOLLO BEACH	S108668480	MIRABAY VILLAGE COMMERCIAL	INTERSECTION OF US-41 / LEISEY RD	33572	NPDES
APOLLO BEACH	S108068829	MIRA BAY PARCEL 7 PHASE 3	LATITUDE PLACE / SUNSET CREST CT	33572	NPDES
APOLLO BEACH	U004030134	MIRABAY DEVELOPMENT	LEISEY RD & US 41 SO	33572	UST
APOLLO BEACH	1006299326	HARBOR BAY	LEISEY ROAD AND US HIGHWAY 41	33572	FINDS, NPDES
APOLLO BEACH	S105966260	MIRABAY DEVELOPMENT	LEISEY RD / US 41 SO	33572	LUST
APOLLO BEACH	S108978200	MIRABAY	205 MANNS HARBOUR DR	33572	NPDES
APOLLO BEACH	S107799117	APOLLO BEACH TOWNHOMES	NE OF INTERSECTION OF APOLLO BEACH BLVD/	33572	NPDES
APOLLO BEACH	S108978372	REGIONS BANK - MIRABAY	SWQ OF US 41 / LEISEY RD	33572	NPDES
BROOKSVILLE	U001380144	HOT WHEELS PAINT & BODY	822 US HWY 41 N	33572	LUST, UST
GIBSONTON	S102847023	RIVERVIEW OAKS SHOPPING CENTER	US 301 AND GIBSONTON DRIVE	33534	NPDES
GIBSONTON	U001354730	KWIK SERV #9954	US 301 SR 43 & GIBSONTON RD	33534	UST
GIBSONTON	S102846994	NISTAL PARK	US 41 / SYMMS RD	33534	NPDES
GIBSONTON	S102847054	TWIN OAKS PLAZA	US 41 N BULFG CR	33534	NPDES
GIBSONTON	S107799499	BAY AREA ENVIRONMENTAL SERVICES STORAGE BUILDING	11508 US 41 S	33534	NPDES
GIBSONTON	1005427707	DARREL ADAMS-ENVIRONMENTAL SERVICES	11074 HWY 41 S.TWIN OAKS PLAZA SUITE 7	33534	SSTS
GIBSONTON	A100008937	RESOURCE CONSTRUCTION INC	US 441 S	33534	AST
GIBSONTON	S109054748	SR-45 (US HWY 41) FROM 15TH AVE NE TO BULLFROG CRE	SR-45 FROM 15TH AVE NE TO BULLFROG CREEK	33534	NPDES
GIBSONTON	1004683930	CIRCLE K #7032	12130 US HIGHWAY 41 S	33534	FINDS, RCRA-CESQG
GIBSONTON	S109001019	HILLSBOROUGH COUNTY UTILITIES - SCRI DECHLOR FACIL	12751 US HIGHWAY 41 SOUTH	33534	TIER 2
GIBSONTON	1005442568	SUNOCO SERVICE STATION #08725301	10820 US HWY 41 S	33534	FINDS, RCRA-CESQG
GIBSONTON	S107926575	7-ELEVEN FOOD STORE #32972	13150 US HWY 41 S	33534	LUST
GIBSONTON	S107802295	FLEXIES FITNESS	1/2 MILE N OF BIG BEND RD ON HWY 301 S	33534	NPDES
GIBSONTON	1000822656	REED MINERALS DIVISION HARSCO CORP	5950 OLD US HWY 41 A	33534	FINDS, RCRA-CESQG
GIBSONTON	1000214544	INTERCONTINENTAL TERMINALS CO	PEMBROKE ROAD	33534	FINDS, RCRA-NonGen
GIBSONTON	S107804823	MARCOS' CUSTOM FURNITURE & CABINETRY WAREHOUSE	N/O POWELL ROAD, ABOUT 200' W/O VOGEL	33534	NPDES

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GIBSONTON	S108641753		13037 POWELL RD	33534	DEDB
GIBSONTON	S107809435	THE JONO CENTER	NORTH SIDE OF POWELL ROAD, 0.38 MILES E	33534	NPDES
GIBSONTON	S108516833	SOUTH COUNTY TRANSFER STATION	13000 US-41 SOUTH	33534	NPDES
GIBSONTON	S108668704	ROLEX STORAGE FACILITY	12704 S US HWY 41	33534	NPDES
RUSKIN	1008233411	MARSAC COMMERCE CENTER	US 41 & STEPHENS RD	33570	FINDS, NPDES
RUSKIN	S107714377	ARTESIAN FARMS - 2	US 41 / 12 STREET NORTHEAST	33570	TIER 2
RUSKIN	U001354746	THRIFTWAY #378	US 41	33570	UST
RUSKIN	U004030166	PACIFIC TOMATO GROWERS LTD 04-4I-0011	US 41 SOUTH AT CHANEY RD	33570	UST
RUSKIN	1003869190	RUSKIN LANDFILL	US 41 AT 15TH AVE.	33570	CERC-NFRAP
RUSKIN	S106508205	PACIFIC TOMATO GROWERS LTD 04-4I-0011	US 41 SOUTH AT CHANEY RD	33570	LUST
RUSKIN	S107800692	COASTAL AUTO SPA	1420 HWY 41 S	33570	NPDES
RUSKIN	S108800757		1524 HIGHWAY 41 S	33570	DEDB
RUSKIN	U003108949	STAKE TOMATOES OF RUSKIN-J H WILLIAMS	HWY 41	33570	AST
RUSKIN	S102653302	PACIFIC TOMATO GROWERS, LTD	6855 HIGHWAY 41 NORTH	33572	NPDES
RUSKIN	1011845438	JJ SEIFERT MACHINE	4202 & 4212 OLD HWY 41 S	33570	CERCLIS
RUSKIN	1005427168	COUNCIL OXFORD INC	2606 HWY 674 EAST PO BOX 475	33570	SSTS
RUSKIN	U003909022	HESS-PHILLIPS & MUNZEL	2704 HWY 674 W	33570	LUST, UST, AST
RUSKIN	U004123921	MURPHY USA #7444	4920 SR 674	33570	UST
RUSKIN	1008908703	BADCOCK FURNITURE - - RUSKIN, FLORIDA	SR 674/16TH STREET SOUTHEAST	33570	FINDS, NPDES
RUSKIN	A100180278	GOODSON FARMS - LEMON GROVE	CNTY LINE RD W OF US 41	33570	AST
RUSKIN	S107717635	DESERET FARMS - SUN CITY	US HIGHWAY 41 AT SMYTHE ROAD	33570	TIER 2
RUSKIN	S109001103	DIMARE RUSKIN - PACKINGHOUSE	5715 US HIGHWAY 41 - PACKINGHOUSE	33570	TIER 2
RUSKIN	S108172504	AT HOME AUTO CARE	2003 US HWY 41 SOUTH	33570	NPDES
RUSKIN	U001354680	ELSBERRY FARMS INC-SHADY TREE	1/2 MI W OF US 301 ON 19TH AVE	33570	UST
TAMPA	1003867556	HUCO INC	US HWY 41 S	33534	CERC-NFRAP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 53

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/16/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/23/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 34

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/13/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/16/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 10/22/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 55

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 12/04/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/03/2008
Date Data Arrived at EDR: 10/15/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 35
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/30/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53
Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

SHWS: Florida's State-Funded Action Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/17/2008
Date Made Active in Reports: 09/24/2008
Number of Days to Update: 7
Source: Department of Environmental Protection
Telephone: 850-488-0190
Last EDR Contact: 12/18/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 11/10/2008
Date Data Arrived at EDR: 11/10/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 50

Source: Department of Environmental Protection
Telephone: 850-922-7121
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Semi-Annually

LUST: PCT01 - Petroleum Contamination Detail Report

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

Date of Government Version: 11/04/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

UST: STI02 - Facility/Owner/Tank Report

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

Date of Government Version: 08/01/2008
Date Data Arrived at EDR: 08/28/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

AST: STI02 - Facility/Owner/Tank Report

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2008
Date Data Arrived at EDR: 08/28/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989
Date Data Arrived at EDR: 05/09/1994
Date Made Active in Reports: 08/04/1994
Number of Days to Update: 87

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 03/24/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS: Oil and Hazardous Materials Incidents

Statewide oil and hazardous materials inland incidents.

Date of Government Version: 11/14/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 46

Source: Department of Environmental Protection
Telephone: 850-488-2974
Last EDR Contact: 11/03/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 10/14/2008
Date Data Arrived at EDR: 10/28/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 63

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Semi-Annually

Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 10/14/2008
Date Data Arrived at EDR: 10/28/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 63

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Sites

Listing of closed and active voluntary cleanup sites.

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/07/2008
Date Made Active in Reports: 10/14/2008
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 01/06/2009
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Varies

PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities

No description is available for this data

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

DEDB: Ethylene Dibromide Database Results

Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 850-245-8335
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

BROWNFIELDS: Brownfield Areas

Brownfields are abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. Florida's Brownfields Redevelopment Acti primary goals are to reduce health and environmental hazards on existing commercial and industrial sites that are abandoned or underused due to these hazards and create financial and regulatory incentives to encourage voluntary cleanup and redevelopment of sites.

Date of Government Version: 10/26/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Semi-Annually

WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 11/10/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 850-921-9495
Last EDR Contact: 09/03/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 11/24/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/30/2008
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 850-921-9558
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

FL Cattle Dip. Vats: Cattle Dipping Vats

From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 02/04/2005
Date Data Arrived at EDR: 06/29/2007
Date Made Active in Reports: 07/11/2007
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 850-488-3601
Last EDR Contact: 11/03/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: No Update Planned

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 10/24/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 850-413-9970
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 20

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 27

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 27
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 11/18/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALACHUA COUNTY:

Facility List
List of all regulated facilities in Alachua County.

Date of Government Version: 04/16/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/12/2008
Number of Days to Update: 25

Source: Alachua County Environmental Protection Department
Telephone: 352-264-6800
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Annually

BROWARD COUNTY:

Aboveground Storage Tanks

Aboveground storage tank locations in Broward County.

Date of Government Version: 04/08/2008
Date Data Arrived at EDR: 04/11/2008
Date Made Active in Reports: 05/14/2008
Number of Days to Update: 33

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 01/07/2009
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

Semi-Annual Inventory Report on Contaminated Locations

Early Detection Incentive/Environmental Assessment Remediation. This report monitors the status and remediation progress of known contaminated locations within Broward County. Sites listed by the US EPA, the Florida Department of Environmental Protection, and sites licensed for contamination assessment and cleanup by the Division of Pollution Prevention and Remediation Programs of the Department.

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 06/27/2008
Number of Days to Update: 30

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Underground Storage Tanks

All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 04/08/2008
Date Data Arrived at EDR: 04/11/2008
Date Made Active in Reports: 05/13/2008
Number of Days to Update: 32

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 01/07/2009
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Annually

MIAMI-DADE COUNTY:

Air Permit Sites

Facilities that release or have a potential to release pollutants.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Grease Trap Sites

Any non-residential facility that discharges waste to a sanitary sewer.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Dade County Dept. of Env. Resources Mgmt.
Telephone: 305-372-6508
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

Maimi River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

Hazardous Waste Sites

Sites with the potential to generate waste

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Dade County Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 2-4 Sites

IW2s are facilities having reclaim or recycling systems with no discharges, aboveground holding tanks or spill prevention and countermeasure plans. IW4s are facilities that discharge an effluent to the ground.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 5 Sites

Generally these facilities fall under the category of "conditionally exempt small quantity generator" or "small quantity generator".

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 6

Permits issued to those non-residential land uses located within the major drinking water wellfield protection areas that are not served by sanitary sewers. These facilities do not handle hazardous materials but are regulated because of the env. sensitivity of the areas where they are located.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Enforcement Case Tracking System Sites

Enforcement cases monitored by the Dade County Department of Environmental Resources Management.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

Fuel Spills Cases

DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/17/2008
Number of Days to Update: 28

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Underground Storage Tanks

The facility has on-site underground storage tanks which stores petroleum product.

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/20/2008
Number of Days to Update: 31

Source: Department of Environmental Resource Management
Telephone: 305-372-6700
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 15
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Annually

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

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Department of Children & Families
Source: Provider Information
Telephone: 850-488-4900

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

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

State Wetlands Data: Wetlands Inventory
Source: Department of Environmental Protection
Telephone: 850-245-8238

STREET AND ADDRESS INFORMATION

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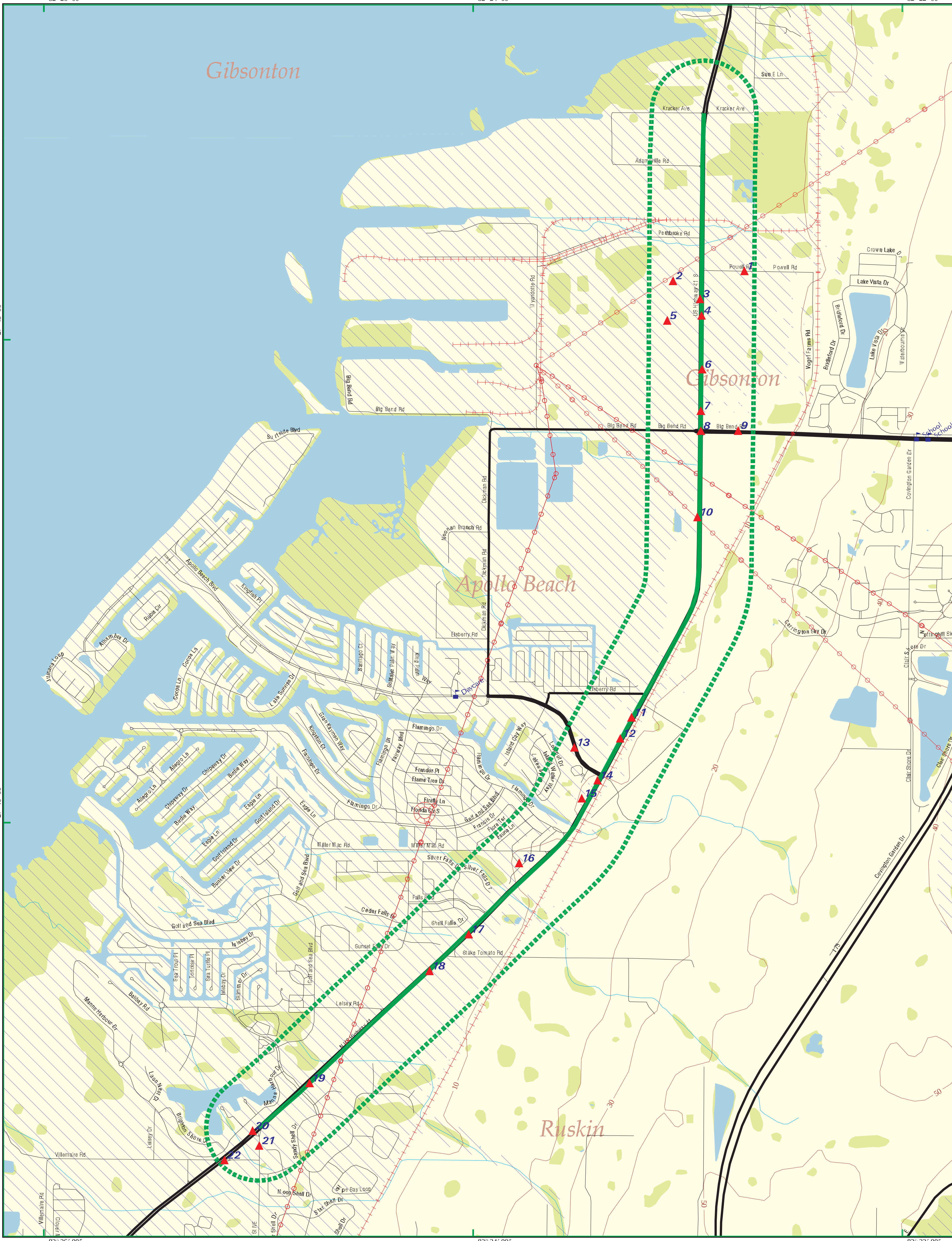
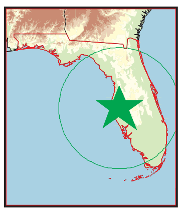


EDR DataMap® - Corridor Study

US 41



Apollo Beach, FL

EDR® Environmental Data Resources Inc

Listed Sites	Roads	Contour Lines	Water	Florida Brownfields
Earthquake Epicenters (Richter 5 or greater)	Major Roads	Pipelines	Superfund Sites	100-Yr Flood Zones
Sinkholes	Waterways	Powerlines	Federal DOD Sites	National Wetland Inventory
Search Boundary	Railroads	Fault Lines	Indian Reservations BIA	

N

0 1/4 1/2

Scale in Miles

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Appendix D
Property Appraiser Information

84 Lumber

1

PIERCE HARDY LTD PARTNERSHIP

Mailing Address
C/O 84 LUMBER CO BLDG 1 TAX DE
1019 ROUTE 519
EIGHTY FOUR, PA 15330-2813

NEARBY SALES

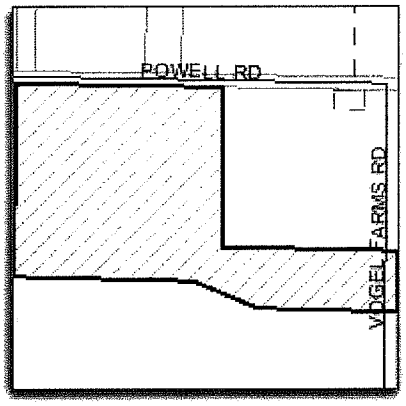
PIN:	U-11-31-19-ZZZ-000001-73960.2
Folio:	051495-0200
Prior PIN:	U-11-31-19-ZZZ-000001-73960.0
Prior Folio:	051495-0000
Tax District:	A UNINCORPORATED
PROPERTY USE:	4103 LIGHT MFG C
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$1,008,464
EXTRA FEATURE VALUE	$656,171
LAND VALUE (MARKET)	$674,125
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$2,338,760
ASSESSED VALUE (A10)	$2,338,760
EXEMPT AMOUNT	$0
TAXABLE VALUE	$2,338,760

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
13386	1910	12	2003	WD	Qualified	Vacant	$811,000
13608	1589	02	2004	WD	Unqualfied	Vacant	$100

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BUILDING [1]

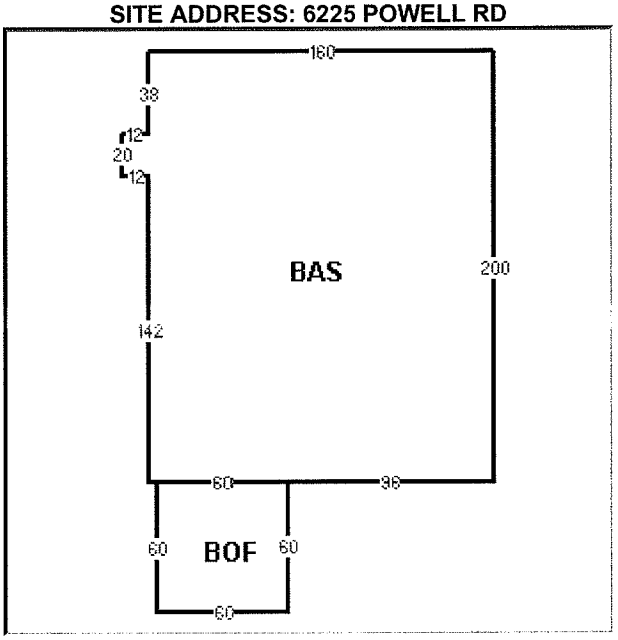
Building Characteristics

SITE ADDRESS: 6225 POWELL RD

TYPE 87 | PREFAB MTL BLD

YEAR BUILT 2004

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	0	None
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical
WALL HEIGHT	14.00	
ROOMS	1.00	
STORIES	1.00	



BAS(L160 D38 L12 D20 R12 D142 R4 BOF(D60 R60 U60 L60) R156 U200).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	32,240	32,240
BOF	3,600	3,600
TOTALS	**35,840**	**35,840**

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BUILDING [2]

Building Characteristics

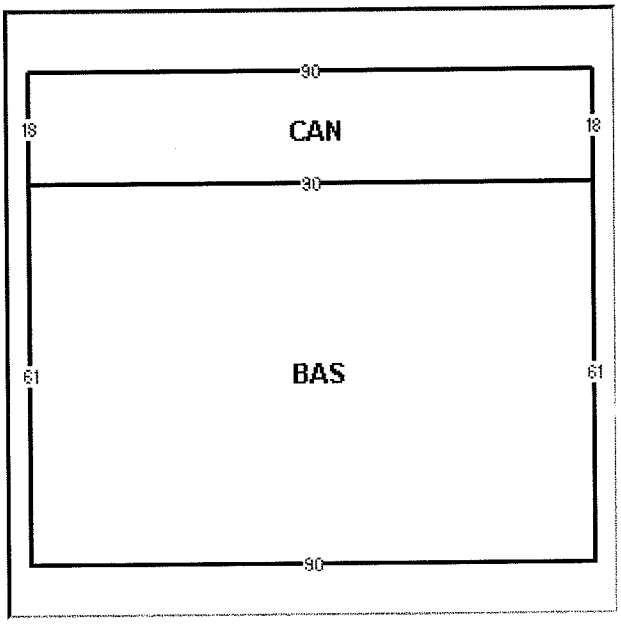
SITE ADDRESS: 6225 POWELL RD

TYPE 87 | PREFAB MTL BLD

YEAR BUILT 2004

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical

PARTITION	3	Typical
WALL HEIGHT	15.00	
ROOMS	1.00	
STORIES	1.00	



CAN(L90 D18 BAS(D61 R90 U61 L90) R90 U18).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	5,490	5,490
CAN	1,620	0
TOTALS	**7,110**	**5,490**

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BUILDING [3]

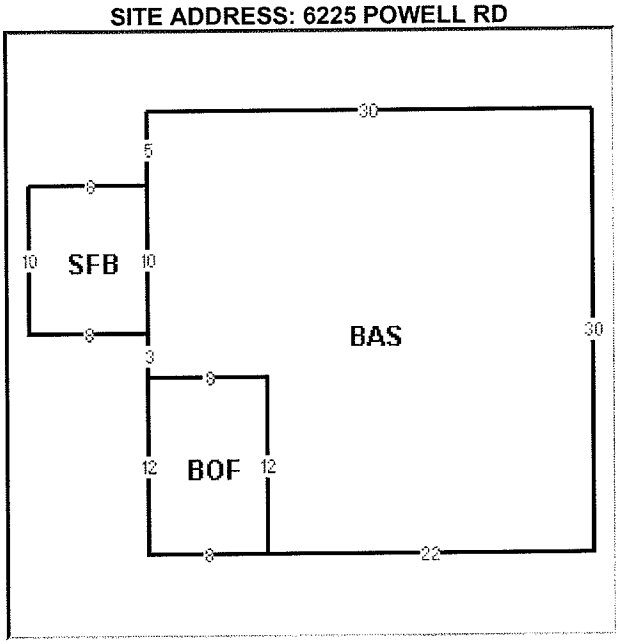
Building Characteristics

TYPE 87 | PREFAB MTL BLD

YEAR BUILT 2004

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical
WALL HEIGHT	10.00	
ROOMS	1.00	
STORIES	1.00	

SITE ADDRESS: 6225 POWELL RD



BAS(L30 D5 SFB(L8 D10 R8 U10) D13 BOF(D12 R8 U12 L8) R8 D12 R22 U30).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	804	804

BOF	96	96
SFB	80	80
TOTALS	**980**	**980**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0020	ASP PAV	0	2005	0	0	205,158.00	$217,139
2	0060	C PVMT	0	2005	0	0	32,258.00	$76,645
3	0260	FCE CL6	0	2005	0	0	3,200.00	$36,400
4	0530	CNPY CO	0	2005	120	40	4,800.00	$108,662
5	0530	CNPY CO	0	2005	240	40	9,600.00	$217,325

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	INDL	Large Industrial Cla	M	0.00	0.00	444,928.00	$669,617

LAND LINES 2

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
2	9610	LOWLANDS	M	0.00	0.00	6.01	$4,508

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	COMM AT SE COR OF NW 1/4 OF SEC 11 THN N 00 DEG 48
2	MIN 11 SEC E 443.74 FT TO POB THN N 88 DEG 28 MIN
3	03 SEC W 372.30 FT THN N 66 DEG 41 MIN 56 SEC W
4	269.64 FT THN N 88 DEG 28 MIN 03 SEC W 600 FT THN
5	N 00 DEG 48 MIN 57 SEC E 765.62 FT TO S R/W LINE
6	OF POWELL RD THN S 88 DEG 49 MIN 51 SEC E 704.41
7	FT THN S 00 DEG 25 MIN 53 SEC W 632.50 FT THN S 88
8	DEG 49 MIN 51 SEC E 512.68 FT THN S 87 DEG 54 MIN
9	36 SEC E 176.18 FT TO W R/W LINE OF CSX RR THN
10	ALONG SAID R/W LINE S 00 DEG 25 MIN 53 SEC W
11	239.22 FT THN N 88 DEG 28 MIN 03 SEC W 177.70 FT
12	TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$2,338,760	$0	$2,338,760	$13,602.64	$13,545.86	$14,581.00
Schools - State	$2,338,760	$0	$2,338,760	$11,328.04	$12,404.78	$11,250.60
Schools - Local	$2,338,760	$0	$2,338,760	$6,485.68	$5,783.75	$6,441.41

County MSTU	$2,338,760	$0	$2,338,760	$10,360.75	$10,230.91	$11,212.02
County Library	$2,338,760	$0	$2,338,760	$1,440.39	$1,305.73	$1,534.69
SWFWMD	$2,338,760	$0	$2,338,760	$915.43	$904.16	$1,020.87
Alafia River Basin	$2,338,760	$0	$2,338,760	$512.18	$505.87	$575.10
Port Authority	$2,338,760	$0	$2,338,760	$469.32	$456.06	$502.60
Children's Board	$2,338,760	$0	$2,338,760	$1,097.29	$1,169.38	$1,171.02
Transit Authority	$2,338,760	$0	$2,338,760	$1,064.37	$1,169.38	$1,135.00
Environmental Lands	$2,338,760	$0	$2,338,760	$143.02	$141.26	$141.26
Parks & Rec	$2,338,760	$0	$2,338,760	$61.33	$60.57	$60.57
TOTALS				**$47,480.44**	**$47,677.71**	**$49,626.14**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$2,367,901	$2,367,901	$0	$2,367,901
CURRENT YEAR	2008	$2,338,760	$2,338,760	$0	$2,338,760

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2 of 3

NATIONAL GYPSUM COMPANY

Mailing Address
2001 REXFORD RD
CHARLOTTE, NC 28211-3498

NEARBY SALES

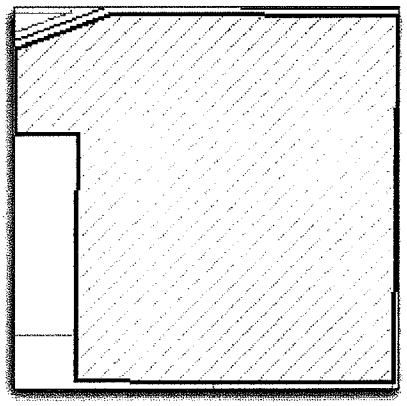
PIN:	U-10-31-19-ZZZ-000001-73770.0
Folio:	051479-0000
Prior PIN:	
Prior Folio:	
Tax District:	A UNINCORPORATED
PROPERTY USE:	5100 CROPS
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$13,087,413
EXTRA FEATURE VALUE	$1,847,497
LAND VALUE (MARKET)	$3,631,920
LAND VALUE (AGRICULTURE)	$3,253,113
JUST (MARKET) VALUE	$18,566,830
ASSESSED VALUE (A10)	$18,188,023
EXEMPT AMOUNT	$0
TAXABLE VALUE	$18,188,023

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
10464	**1192**	11	2000	WD	Unqualfied	Improved	$101,700
10464	**1179**	11	2000	WD	Unqualfied	Improved	$113,700
10050	**0092**	02	2000	WD	Unqualfied	Improved	$683,100
10050	**0095**	02	2000	WD	Unqualfied	Improved	$1,583,700

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
2	9610	LOWLANDS	PD-I	0.00	0.00	20.44	$15,330

LAND LINES 3

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
3	5380	SOD	PD	0.00	0.00	8.20	$11,890

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	SE 1/4 OF NE 1/4 LESS R/W FOR SR 45 - - - S 1/2
2	OF N 1/2 OF NE 1/4 LESS W 620 FT AND LESS HWY
3	- - - SW 1/4 OF NE 1/4 AND LESS COM AT NW COR OF
4	NE 1/4 THN S 00 DEG 46 MIN 23 SEC W ALONG W BDRY
5	OF NE 1/4 1328.12 FT TO POB THN S 89 DEG 47 MIN
6	15 SEC E 408.27 FT THN S 00 DEG 46 MIN 23 SEC
7	W 1327.64 FT TO S BDRY OF NE 1/4 THN N 89 DEG
8	51 MIN 16 SEC W 408.27 FT TO W BDRY OF NE 1/4
9	THN N 00 DEG 46 MIN 23 SEC E ALG W BDRY 1328.12 FT
10	TO POB - - - SE 1/4 OF NE 1/4 LESS R/W FOR RD 45
11	- - - PORTION OF LOTS 136 137 138 AND PORTION
12	OF 30 FT R/W ABUTTING ON N LYING IN SE 1/4
13	DESC AS COMM AT NE COR OF SE 1/4 THN N 89 DEG
14	51 MIN 16 SEC W ALG N BDRY OF SE 1/4 1324.97 FT
15	TO POB THN S 00 DEG 47 MIN 26 SEC W ALG W BDRY
16	OF NE 1/4 OF SE 1/4 300.02 FT THN N 89 DEG
17	51 MIN 16 SEC W 916.59 FT THN N 00 DEG 46 MIN
18	23 SEC E 300.02 FT TO N BDRY OF SE 1/4 THN
19	S 89 DEG 51 MIN 16 SEC E ALG E BDRY 916.69 FT
20	TO POB - - - N 1/4 OF NE 1/4 LYING S OF PEMBROKE
21	RD AND W OF HWY 41 LESS RD R/W - - - N 300 FT OF
22	NE 1/4 OF SE 1/4 LESS RD R/W AND LESS PORTION
23	OF PLOTTED 30 FT R/W - - - WLY 620 FT OF S 1/2 OF
24	N 1/2 OF NE 1/4 LESS THAT TRACT BEG 664.06 FT
25	S OF NW COR OF NE 1/4 RUN W 280.66 FT THN S 69
26	DEG 41 MIN 30 SEC W 300.78 FT THN N 105.06 FT
27	TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$18,188,023	$0	$18,188,023	$105,175.13	$105,343.21	$113,393.23
Schools - State	$18,188,023	$0	$18,188,023	$87,587.96	$96,469.27	$87,493.48
Schools - Local	$18,188,023	$0	$18,188,023	$50,147.04	$44,978.98	$50,093.45
County MSTU	$18,188,023	$0	$18,188,023	$80,108.93	$79,563.51	$87,193.38
County Library	$18,188,023	$0	$18,188,023	$11,137.07	$10,154.37	$11,934.98
SWFWMD	$18,188,023	$0	$18,188,023	$7,078.07	$7,031.49	$7,939.07

Alafia River Basin	$18,188,023	$0	$18,188,023	$3,960.13	$3,934.07	$4,472.43
Port Authority	$18,188,023	$0	$18,188,023	$3,628.75	$3,546.66	$3,908.61
Children's Board	$18,188,023	$0	$18,188,023	$8,484.17	$9,094.01	$9,106.74
Transit Authority	$18,188,023	$0	$18,188,023	$8,229.68	$9,094.01	$8,826.65
Environmental Lands	$18,188,023	$0	$18,188,023	$1,105.83	$1,098.56	$1,098.56
Parks & Rec	$18,188,023	$0	$18,188,023	$474.19	$471.07	$471.07
TOTALS				**$367,116.95**	**$370,779.21**	**$385,931.65**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$18,686,918	$18,308,521	$0	$18,308,521
CURRENT YEAR	2008	$18,566,830	$18,188,023	$0	$18,188,023

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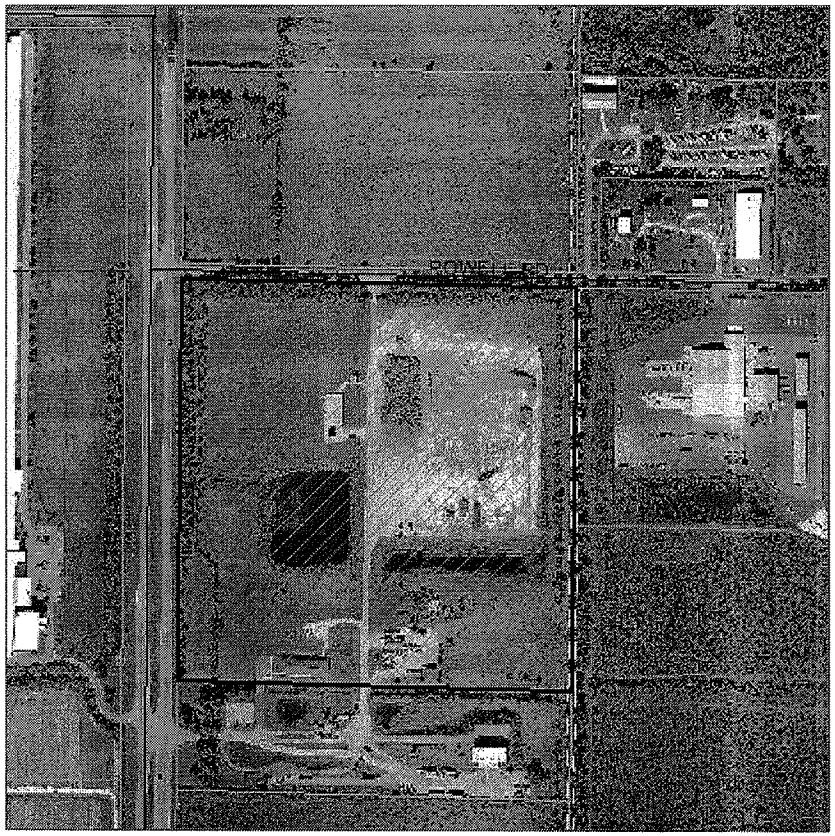
ROB TURNER, C.F.A.
HILLSBOROUGH COUNTY PROPERTY APPRAISER



[VIEW PROPERTY RECORD INFORMATION]

FOLIO:	0514940000
PIN NUMBER:	U-11-31-19-ZZZ-000001-73950.0
OWNER 1:	HILLSBOROUGH COUNTY
ADDRESS:	13000 S US HWY 41 GIBSONTON
LEGAL DESC:	SW 1/4 OF NW 1/4 LESS ROAD
DOR CODE:	8600

VALUE SUMMARY:	
BUILDING VALUE:	$532,892
EXTRA FEATURE VALUE:	$156,784
LAND VALUE (MARKET):	$2,000,000
LAND VALUE (AGRI.):	$0
JUST (MARKET) VALUE:	$2,689,676
ASSESSED VALUE (A10):	$2,689,676
EXEMPT VALUE:	$2,689,676
TAXABLE VALUE:	$0

SALES INFORMATION	
1/1/1987	$100.00
1/1/1985	$450,000.00
4/1/1997	$435,900.00

FOLIO: 0514940000 PIN: U-11-31-19-ZZZ-000001-73950.0 ACREAGE: 37.82

Map created on 2/19/2009 1:08:52 PM.

0 258 ft

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General Revenue	$0	$0	$0	$0.00	$0.00	$0.00
Schools - State	$0	$0	$0	$0.00	$0.00	$0.00
Schools - Local	$0	$0	$0	$0.00	$0.00	$0.00
County MSTU	$0	$0	$0	$0.00	$0.00	$0.00
County Library	$0	$0	$0	$0.00	$0.00	$0.00
SWFWMD	$0	$0	$0	$0.00	$0.00	$0.00
Alafia River Basin	$0	$0	$0	$0.00	$0.00	$0.00
Port Authority	$0	$0	$0	$0.00	$0.00	$0.00
Children's Board	$0	$0	$0	$0.00	$0.00	$0.00
Transit Authority	$0	$0	$0	$0.00	$0.00	$0.00
Environmental Lands	$0	$0	$0	$0.00	$0.00	$0.00
Parks & Rec	$0	$0	$0	$0.00	$0.00	$0.00
TOTALS				**$0.00**	**$0.00**	**$0.00**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$2,746,506	$2,746,506	$2,746,506	$0
CURRENT YEAR	2008	$2,758,030	$2,758,030	$2,758,030	$0

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

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SALES SEARCH
ADVANCED PROPERTY SEARCH
PROPERTY TAX ESTIMATOR

VALUE SUMMARY - SALES HISTORY - BLDG: [1] - LAND LINES [1] - EXTRA FEATURES
LEGAL LINES - 2 TRIM INFO - MAP IT!! - TAX RECORDS
< < RETURN TO SEARCH LIST EXPAND RIGHT SIDE > >

HILLSBOROUGH COUNTY
Mailing Address
SO CNTY SOLID WASTE EXPN
PO BOX 1110
TAMPA, FL 33601-1110

NEARBY SALES

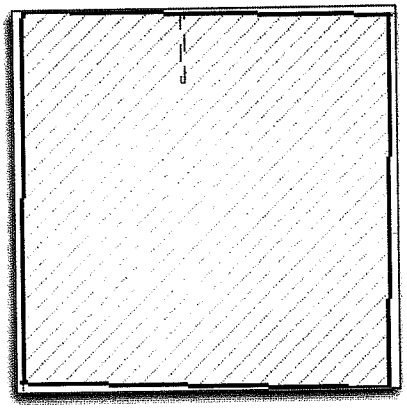
PIN:	U-11-31-19-ZZZ-000001-73950.0
Folio:	051494-0000
Prior PIN:	
Prior Folio:	
Tax District:	A UNINCORPORATED
PROPERTY USE:	8600 COUNTY OWNED
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$532,892
EXTRA FEATURE VALUE	$156,784
LAND VALUE (MARKET)	$2,000,000
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$2,689,676
ASSESSED VALUE (A10)	$2,689,676
EXEMPT AMOUNT	$2,689,676
TAXABLE VALUE	$0

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
8515	1476	04	1997	TR	Unqualfied	Vacant	$435,900
5021	0333	01	1987	TR	Unqualfied	Vacant	$100
4508	0722	01	1985	WD	Unqualfied	Vacant	$450,000

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BUILDING [1]

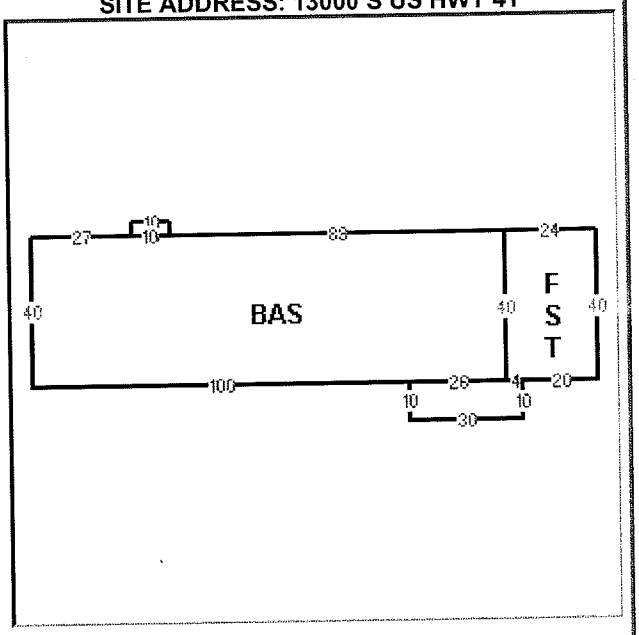
Building Characteristics

TYPE 49 | OFFICE <3 STORY

YEAR BUILT 2003

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
WALL HEIGHT	12.00	
ROOMS	10.00	
STORIES	1.00	

SITE ADDRESS: 13000 S US HWY 41



FST(L24 BAS(L89 CAN(U4 L10 D4 R10) L37 D40 R100 FSP (D10 R30 U10 L30) R26 U40) D40 R24 U40).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	5,040	5,040
FST	960	0
FSP	300	0
CAN	40	0
TOTALS	**6,340**	**5,040**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0020	ASP PAV	0	2002	0	0	30,000.00	$31,104
2	0060	C PVMT	0	2002	0	0	4,968.00	$11,566
3	0530	CNPY CO	0	2002	0	0	448.00	$9,831
4	0530	CNPY CO	0	2002	0	0	4,752.00	$104,283

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	9950	Acreage Class 50	AI	0.00	0.00	40.00	$2,000,000

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	SW 1/4 OF NW 1/4 LESS ROAD

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$0	$0	$0	$0.00	$0.00	$0.00
Schools - State	$0	$0	$0	$0.00	$0.00	$0.00
Schools - Local	$0	$0	$0	$0.00	$0.00	$0.00
County MSTU	$0	$0	$0	$0.00	$0.00	$0.00
County Library	$0	$0	$0	$0.00	$0.00	$0.00
SWFWMD	$0	$0	$0	$0.00	$0.00	$0.00
Alafia River Basin	$0	$0	$0	$0.00	$0.00	$0.00
Port Authority	$0	$0	$0	$0.00	$0.00	$0.00
Children's Board	$0	$0	$0	$0.00	$0.00	$0.00
Transit Authority	$0	$0	$0	$0.00	$0.00	$0.00
Environmental Lands	$0	$0	$0	$0.00	$0.00	$0.00
Parks & Rec	$0	$0	$0	$0.00	$0.00	$0.00
TOTALS				**$0.00**	**$0.00**	**$0.00**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$2,746,506	$2,746,506	$2,746,506	$0
CURRENT YEAR	2008	$2,758,030	$2,758,030	$2,758,030	$0

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

PROPERTY RECORD
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ADDRESS SEARCH
FOLIO NO. SEARCH
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FOLIO SEARCH
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SEARCH GIS
SALES SEARCH
ADVANCED PROPERTY SEARCH
PROPERTY TAX ESTIMATOR

HILLSBOROUGH COUNTY

Mailing Address
PO BOX 1110
TAMPA, FL 33601-1110

NEARBY SALES

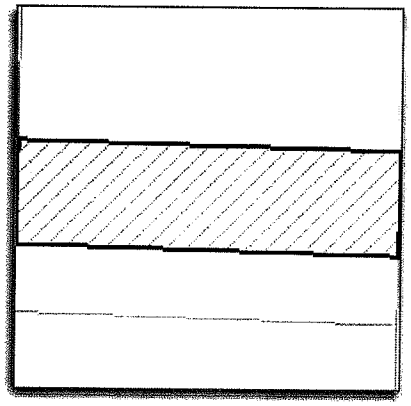
PIN:	U-11-31-19-ZZZ-000001-74020.0
Folio:	051499-0200
Prior PIN:	
Prior Folio:	051499-0000
Tax District:	A UNINCORPORATED
PROPERTY USE:	8600 COUNTY OWNED
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$84,456
EXTRA FEATURE VALUE	$75,656
LAND VALUE (MARKET)	$656,233
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$816,345
ASSESSED VALUE (A10)	$816,345
EXEMPT AMOUNT	$816,345
TAXABLE VALUE	$0

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
3294	0216	10	1977		Qualified	Unknown	$55,000

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BUILDING [1]

Building Characteristics
TYPE 87 | PREFAB MTL BLD

SITE ADDRESS: 13000 S US HIGHWAY 41

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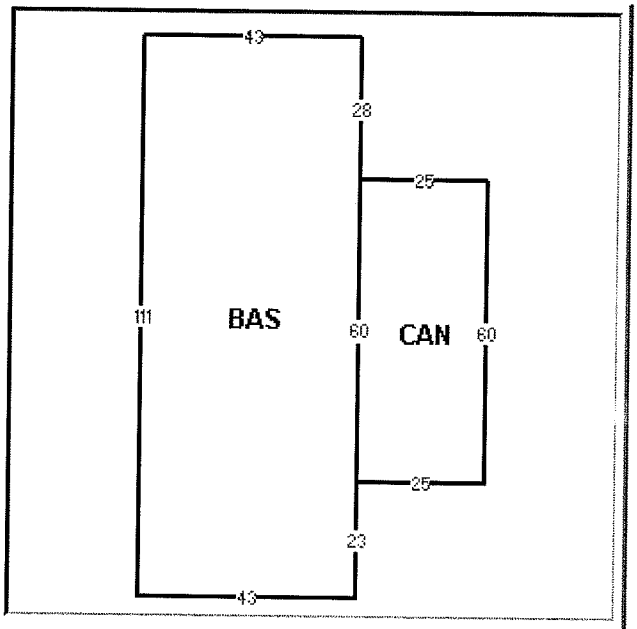
YEAR BUILT	1978	
ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	0	None
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	0	None
PARTITION	3	Typical
STORIES	1.00	
ROOMS	1.00	
WALL HEIGHT	35.00	



BAS(L43 D111 R43 U23 CAN(R25 U60 L25 D60) U88).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	4,773	4,773
CAN	1,500	0
TOTALS	**6,273**	**4,773**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0020	ASP PAV	1	1978	0	0	86,035.00	$66,901
2	0640	UTL CB	1	1988	0	0	100.00	$1,442
3	0640	UTL CB	1	1988	0	0	120.00	$1,731
4	0060	C PVMT	1	2004	0	0	1,780.00	$5,582

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	INDL	Large Industrial Cla	AI	0.00	0.00	436,035.00	$656,233

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	COMM AT SW COR AND RUN N ALONG WLY BDRY 2650.33 FT
2	TO NW COR OF SW 1/4 THENCE E 73.72 FT TO ELY R/W
3	LINE OF US 41 FOR POB THENCE RUN E 1246.42 FT TO
4	NE COR OF NW 1/4 OF SW 1/4 THENCE S 353 FT W
5	1245.96 FT TO ELY R/W OF US 41 AND N 353 FT TO POB

6 LESS E 10 FT

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$0	$0	$0	$0.00	$0.00	$0.00
Schools - State	$0	$0	$0	$0.00	$0.00	$0.00
Schools - Local	$0	$0	$0	$0.00	$0.00	$0.00
County MSTU	$0	$0	$0	$0.00	$0.00	$0.00
County Library	$0	$0	$0	$0.00	$0.00	$0.00
SWFWMD	$0	$0	$0	$0.00	$0.00	$0.00
Alafia River Basin	$0	$0	$0	$0.00	$0.00	$0.00
Port Authority	$0	$0	$0	$0.00	$0.00	$0.00
Children's Board	$0	$0	$0	$0.00	$0.00	$0.00
Transit Authority	$0	$0	$0	$0.00	$0.00	$0.00
Environmental Lands	$0	$0	$0	$0.00	$0.00	$0.00
Parks & Rec	$0	$0	$0	$0.00	$0.00	$0.00
TOTALS				**$0.00**	**$0.00**	**$0.00**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$609,990	$609,990	$609,990	$0
CURRENT YEAR	2008	$993,626	$993,626	$993,626	$0

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WALL HEIGHT	0.00
ROOMS	0.00
STORIES	1.00

BAS(L41 D30 R13 DCK(D4 R10 U4 L10) R28 U30).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	1,230	1,230
DCK	40	0
TOTALS	**1,270**	**1,230**

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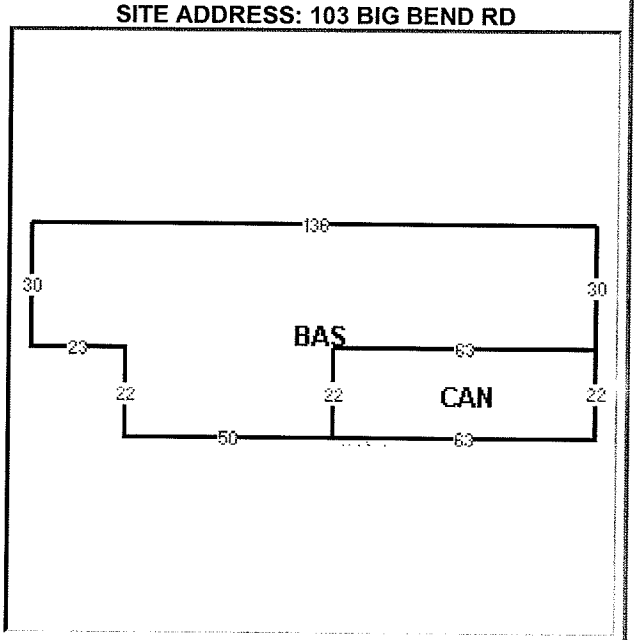
BUILDING [4]

Building Characteristics

TYPE	87 | PREFAB MTL BLD
YEAR BUILT	1970

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	1	Minimum
PARTITION	1	Minimum
WALL HEIGHT	16.00	
ROOMS	0.00	
STORIES	1.00	

SITE ADDRESS: 103 BIG BEND RD



BAS(L136 D30 R23 D22 R50 CAN (R63 U22 L63 D22) U22 R63 U30).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	5,180	5,180
CAN	1,386	0
TOTALS	**6,566**	**5,180**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0060	C PVMT	0	1976	0	0	5,400.00	$10,109
2	0470	OPN SHD	0	2004	0	0	1,440.00	$8,784
3	0470	OPN SHD	0	2004	0	0	3,040.00	$18,544
4	0470	OPN SHD	0	2004	0	0	6,490.00	$39,589

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	5100	CROPLAND 1	AR	0.00	0.00	33.61	$50,415

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	SE 1/4 OF SE 1/4 LESS RD LESS R/W FOR SR 45 LESS N
2	140 FT OF S 285.39 FT OF W 175 FT OF E 309.79 FT

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$1,201,183	$0	$1,201,183	$3,446.90	$6,957.13	$7,488.78
Schools - State	$1,201,183	$0	$1,201,183	$2,870.51	$6,371.07	$5,778.29
Schools - Local	$1,201,183	$0	$1,201,183	$1,643.47	$2,970.53	$3,308.30
County MSTU	$1,201,183	$0	$1,201,183	$2,625.41	$5,254.58	$5,758.47
County Library	$1,201,183	$0	$1,201,183	$364.99	$670.62	$788.22
SWFWMD	$1,201,183	$0	$1,201,183	$231.97	$464.38	$524.32
Alafia River Basin	$1,201,183	$0	$1,201,183	$129.79	$259.82	$295.37
Port Authority	$1,201,183	$0	$1,201,183	$118.92	$234.23	$258.13
Children's Board	$1,201,183	$0	$1,201,183	$278.05	$600.59	$601.43
Transit Authority	$1,201,183	$0	$1,201,183	$269.71	$600.59	$582.93
Environmental Lands	$1,201,183	$0	$1,201,183	$36.24	$72.55	$72.55
Parks & Rec	$1,201,183	$0	$1,201,183	$15.54	$31.11	$31.11
TOTALS				**$12,031.50**	**$24,487.20**	**$25,487.90**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$1,344,485	$600,024	$0	$600,024
CURRENT YEAR	2008	$1,201,183	$1,201,183	$0	$1,201,183

[VIEW TRIM PRINTER FRIENDLY PAGE]

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

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VALUE SUMMARY - SALES HISTORY - BLDG: [1] - LAND LINES [1] -
LEGAL LINES - 2 TRIM INFO - MAP IT!! - TAX RECORDS
< < RETURN TO SEARCH LIST EXPAND RIGHT SIDE > >

ELSBERRY LTD
Mailing Address
PO BOX 3172
APOLLO BEACH, FL 33572-1001

NEARBY SALES

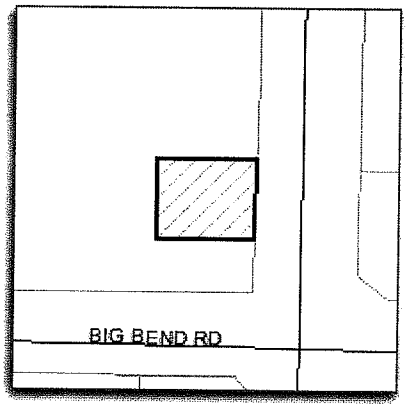
PIN:	U-10-31-19-ZZZ-000001-73840.0
Folio:	051485-0000
Prior PIN:	
Prior Folio:	
Tax District:	A UNINCORPORATED
PROPERTY USE:	0100 SINGLE FAMILY R
Plat Book / Page:	
Neighborhood:	222001 | Gibsonton Area S of River
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$108,648
EXTRA FEATURE VALUE	$0
LAND VALUE (MARKET)	$59,920
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$168,568
ASSESSED VALUE (A10)	$168,568
EXEMPT AMOUNT	$0
TAXABLE VALUE	$168,568

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
8410	0840	12	1996	FD	Unqualfied	Improved	$61,500
8044	1456	02	1996	WD	Unqualfied	Improved	$100
7998	1665	12	1995	WD	Unqualfied	Improved	$100

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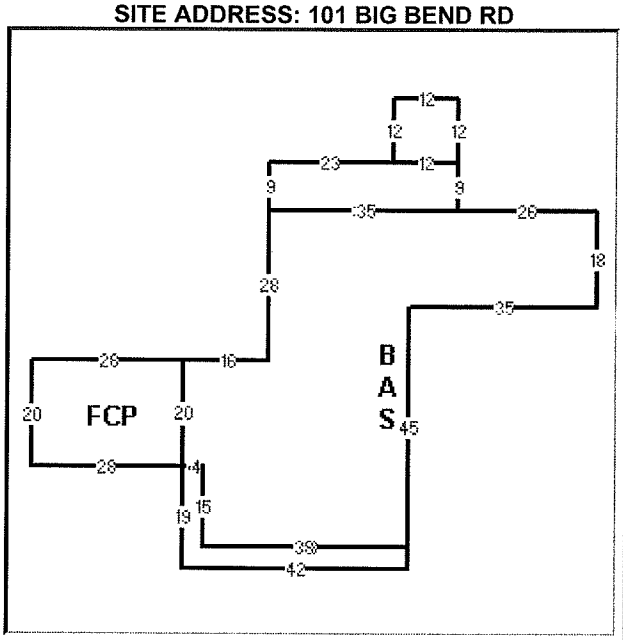
BUILDING [1]

Building Characteristics

TYPE	01 | SINGLE FAMILY
YEAR BUILT	1938

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	2	Asbestos Siding
ROOFING STRUCTURE	3	Gable or Hip
ROOFING COVER	3	Asphalt/Comp. Shingl
INTERIOR WALLS	3	Plaster
INTERIOR FLOORING	5	Wood
AIR CONDITIONING	2	Central
ARCHITECTURAL STYLE	6	Pre-1940 1-Story
STORIES	1.00	
BEDROOMS	5.00	
BATHROOMS	2.00	

SITE ADDRESS: 101 BIG BEND RD



BAS(L26 FEP(U9 UST(U12 L12 D12 R12) L35 D9 R35) L35 D28 L16 FCP(L28 D20 R28 FOP(D19 R42 U4 L38 U15 L4) U20) D20 R4 D15 R38 U45 R35 U18).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	2,768	2,768
FEP	315	315
FCP	560	0
UST	144	0
FOP	228	0
TOTALS	**4,015**	**3,083**

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	0108	RES Class 4	AR	140.00	175.00	140.00	$59,920

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	N 140 FT OF S 285.39 FT OF W 175 FT OF E 309.79
2	FT OF SE 1/4 OF SE 1/4

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES

General Revenue	$168,568	$0	$168,568	$1,206.48	$976.33	$1,050.94
Schools - State	$168,568	$0	$168,568	$1,004.74	$894.08	$810.90
Schools - Local	$168,568	$0	$168,568	$575.24	$416.87	$464.27
County MSTU	$168,568	$0	$168,568	$918.94	$737.40	$808.11
County Library	$168,568	$0	$168,568	$127.76	$94.11	$110.61
SWFWMD	$168,568	$0	$168,568	$81.19	$65.17	$73.58
Alafia River Basin	$168,568	$0	$168,568	$45.43	$36.46	$41.45
Port Authority	$168,568	$0	$168,568	$41.63	$32.87	$36.23
Children's Board	$168,568	$0	$168,568	$97.32	$84.28	$84.40
Transit Authority	$168,568	$0	$168,568	$94.40	$84.28	$81.81
Environmental Lands	$168,568	$0	$168,568	$12.69	$10.18	$10.18
Parks & Rec	$168,568	$0	$168,568	$5.44	$4.37	$4.37
TOTALS				**$4,211.26**	**$3,436.40**	**$3,576.85**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$210,020	$210,020	$0	$210,020
CURRENT YEAR	2008	$168,568	$168,568	$0	$168,568

[VIEW TRIM PRINTER FRIENDLY PAGE]

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7-Eleven # 32972

ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

COFFIN MARY E TRUSTEE
COFFIN RICHARD H TRUSTEE
Mailing Address
C/O TAX DEPT #32972
PO BOX 711
DALLAS, TX 75221-0711

PIN:	**U-11-31-19-ZZZ-000001-74010.0**
Folio:	**051499-0150**
Prior PIN:	
Prior Folio:	**051499-0100**
Tax District:	A UNINCORPORATED
PROPERTY USE:	1420 CONV STORE/GAS
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

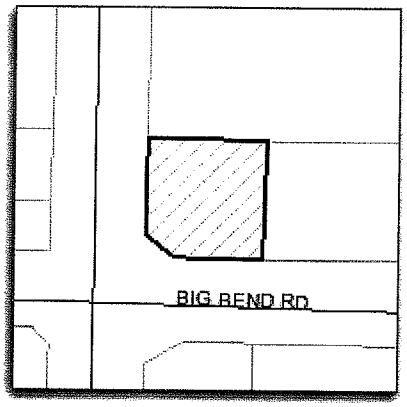
NEARBY SALES

VALUE SUMMARY

BUILDING VALUE	$290,841
EXTRA FEATURE VALUE	$235,332
LAND VALUE (MARKET)	$465,228
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$991,401
ASSESSED VALUE (A10)	$991,401
EXEMPT AMOUNT	$0
TAXABLE VALUE	$991,401

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
12553	**1831**	03	2003	TR	Unqualfied	Improved	$100
10447	**1100**	11	2000	WD	Unqualfied	Improved	$1,744,100
9978	**1257**	12	1999	FD	Unqualfied	Vacant	$143,500

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8360	**1991**	11	1996	CT	Unqualfied	Vacant	$100

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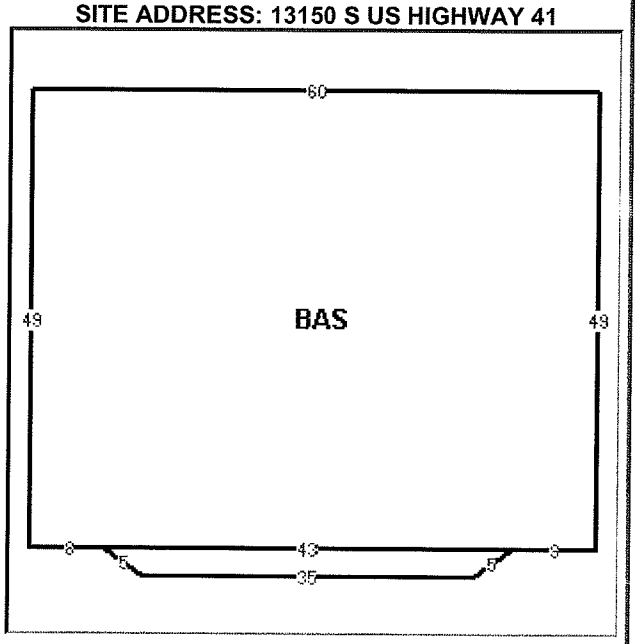
BUILDING [1]

Building Characteristics

SITE ADDRESS: 13150 S US HIGHWAY 41

TYPE	43 | SUPMKT NBRHD/CV
YEAR BUILT	2000

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	7	Masonry Stucco
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
WALL HEIGHT	10.00	



BAS(L60 D49 R8 CAN(S3 E4 R35 E4 N3 L43) R52 U49).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	2,940	2,940
CAN	117	0
TOTALS	**3,057**	**2,940**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0540	CNPY GP	1	2001	0	0	5,267.00	$117,085
2	0030	C DRIVE	1	2001	0	0	22,003.00	$84,492
3	0260	FCE CL6	1	2001	0	0	499.00	$4,865
4	0310	WAL CB	1	2001	0	0	2,994.00	$25,611
5	0320	WAL CBS	1	2001	0	0	306.00	$3,279

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	T090	TL Class 9.00	PD	0.00	0.00	51,692.00	$465,228

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	COMM AT SW COR OF SEC 11 THN N 00 DEG 45 MIN
2	02 SEC E ALG W BDRY OF SD SEC 11 243.22 FT THN
3	S 88 DEG 37 MIN 14 SEC E 51.29 FT TO E R/W LINE
4	OF US HWY 41 FOR POB THN CONT S 88 DEG 37 MIN
5	14 SEC E 230.01 FT THN S 01 DEG 45 MIN 47 SEC W
6	230.01 FT TO N R.W LINE OF BIG BEND RD THN
7	N 88 DEG 37 MIN W 171.01 FT THN N 53 DEG 41 MIN
8	59 SEC W 71.62 FT THN N 01 DEG 45 MIN 47 SEC
9	E 189.01 FT TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$991,401	$0	$991,401	$5,525.71	$5,742.10	$6,180.89
Schools - State	$991,401	$0	$991,401	$4,601.71	$5,258.39	$4,769.13
Schools - Local	$991,401	$0	$991,401	$2,634.63	$2,451.73	$2,730.52
County MSTU	$991,401	$0	$991,401	$4,208.78	$4,336.88	$4,752.78
County Library	$991,401	$0	$991,401	$585.12	$553.50	$650.56
SWFWMD	$991,401	$0	$991,401	$371.87	$383.28	$432.75
Alafia River Basin	$991,401	$0	$991,401	$208.06	$214.44	$243.79
Port Authority	$991,401	$0	$991,401	$190.65	$193.32	$213.05
Children's Board	$991,401	$0	$991,401	$445.74	$495.70	$496.39
Transit Authority	$991,401	$0	$991,401	$432.37	$495.70	$481.13
Environmental Lands	$991,401	$0	$991,401	$58.10	$59.88	$59.88
Parks & Rec	$991,401	$0	$991,401	$24.91	$25.68	$25.68
TOTALS				**$19,287.65**	**$20,210.60**	**$21,036.55**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$961,896	$961,896	$0	$961,896
CURRENT YEAR	2008	$991,401	$991,401	$0	$991,401

[VIEW TRIM PRINTER FRIENDLY PAGE]

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PMAG PARTNERSHIP
Mailing Address
8041 BLIND PASS RD
ST PETE BEACH, FL 33706-1633

NEARBY SALES

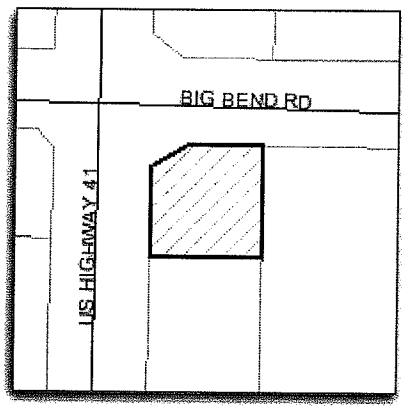
PIN:	U-14-31-19-ZZZ-000001-74340.0
Folio:	051529-0200
Prior PIN:	
Prior Folio:	051529-0000
Tax District:	A UNINCORPORATED
PROPERTY USE:	1420 CONV STORE/GAS
Plat Book / Page:	
Neighborhood:	227006 | Southbay
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$241,912
EXTRA FEATURE VALUE	$63,879
LAND VALUE (MARKET)	$388,269
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$694,060
ASSESSED VALUE (A10)	$694,060
EXEMPT AMOUNT	$0
TAXABLE VALUE	$694,060

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
6172	0403	01	1991	WD	Unqualfied	Vacant	$357,500

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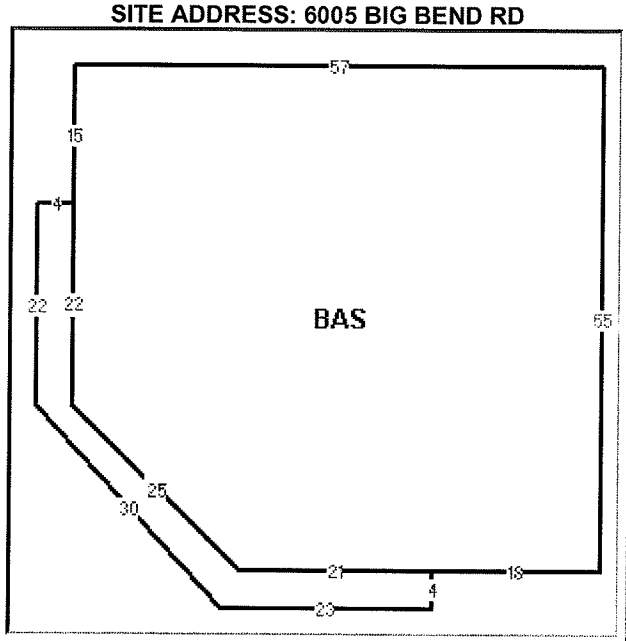
BUILDING [1]

Building Characteristics

TYPE	43 | SUPMKT NBRHD/CV
YEAR BUILT	1991

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	7	Masonry Stucco
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	7	Tile
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	3.00	
WALL HEIGHT	14.00	

SITE ADDRESS: 6005 BIG BEND RD



BAS(L57 D15 CAN(L4 D22 S22 E20 R23 U4 L21 W18 N18 U22) D22 S18 E18 R39 U55).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	2,973	2,973
CAN	274	0
TOTALS	**3,247**	**2,973**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0540	CNPY GP	1	1991	0	0	2,184.00	$31,122
2	0020	ASP PAV	1	1991	0	0	23,400.00	$21,987
3	0060	C PVMT	1	1991	0	0	4,859.00	$10,495
4	0260	FCE CL6	1	2006	0	0	44.00	$275

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	T090	TL Class 9.00	AI	0.00	0.00	43,141.00	$388,269

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	SEC 14-31-19

2 FR WLY R/W OF SCLRR AND E BDRY OF US 41 (SR 23)
3 N 28 DEG 36 MIN E ALG WLY R/W 1700.75 FT W
4 704.83 FT N 84 DEG W 90.35 FT TO PT ON E R/W OF
5 US 41 (SR 23) N 2509.52 FT TO POB N 57 DEG 40
6 MIN E 76.93 FT TO PT ON SLY R/W BIG BEND RD
7 S 88 DEG 36 MIN E ALG SLY R/W LINE 147.49 FT S
8 212.01 FT N 88 DEG W 211.97 FT TO E R/W LINE OF
9 US 41 N 169.32 FT TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$694,060	$0	$694,060	$3,921.26	$4,019.93	$4,327.12
Schools - State	$694,060	$0	$694,060	$3,265.55	$3,681.29	$3,338.78
Schools - Local	$694,060	$0	$694,060	$1,869.64	$1,716.41	$1,911.58
County MSTU	$694,060	$0	$694,060	$2,986.71	$3,036.17	$3,327.32
County Library	$694,060	$0	$694,060	$415.22	$387.49	$455.44
SWFWMD	$694,060	$0	$694,060	$263.89	$268.32	$302.96
Alafia River Basin	$694,060	$0	$694,060	$147.65	$150.13	$170.67
Port Authority	$694,060	$0	$694,060	$135.29	$135.34	$149.15
Children's Board	$694,060	$0	$694,060	$316.32	$347.03	$347.52
Transit Authority	$694,060	$0	$694,060	$306.83	$347.03	$336.83
Environmental Lands	$694,060	$0	$694,060	$41.23	$41.92	$41.92
Parks & Rec	$694,060	$0	$694,060	$17.68	$17.98	$17.98
TOTALS				$13,687.27	$14,149.04	$14,727.27

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$682,599	$682,599	$0	$682,599
CURRENT YEAR	2008	$694,060	$694,060	$0	$694,060

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CEMEX Construction

ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

EWELL INDUSTRIES INC

Mailing Address
C/O CEMEX CONSTRUCTION
MATERIA
PO BOX 1500
HOUSTON, TX 77251-1500

NEARBY SALES

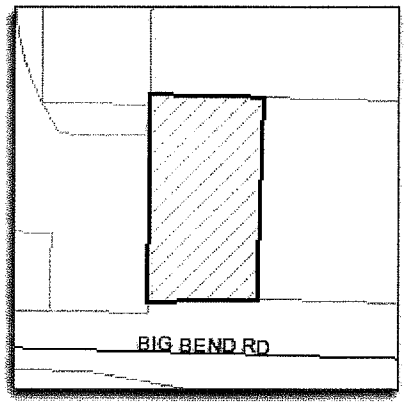
PIN:	U-11-31-19-ZZZ-000001-73980.0
Folio:	051497-0100
Prior PIN:	
Prior Folio:	051497-0000
Tax District:	A UNINCORPORATED
PROPERTY USE:	4700 MIN PROCESSING
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$57,853
EXTRA FEATURE VALUE	$141,670
LAND VALUE (MARKET)	$314,415
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$513,938
ASSESSED VALUE (A10)	$513,938
EXEMPT AMOUNT	$0
TAXABLE VALUE	$513,938

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
7232	0370	12	1993	WD	Qualified	Improved	$136,300
6971	1686	05	1993	WD	Qualified	Improved	$187,100
5306	1276	01	1988	WD	Qualified	Improved	$350,000

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BUILDING [1]

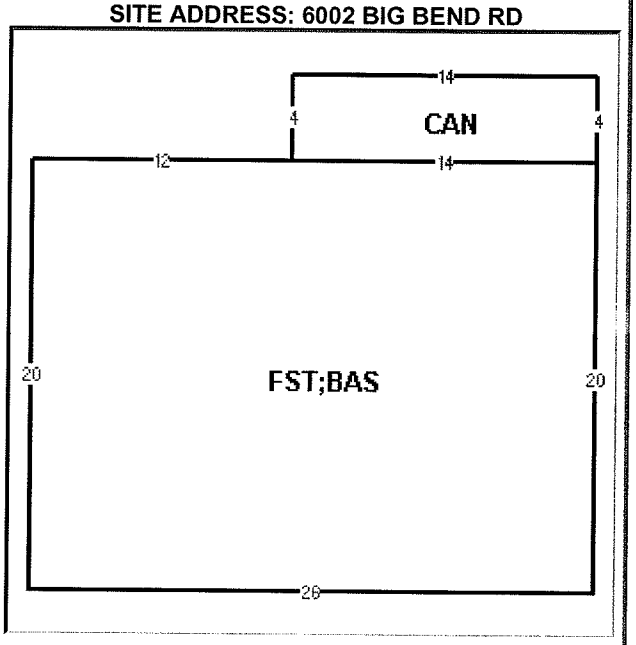
Building Characteristics

TYPE 49 | OFFICE <3 STORY

YEAR BUILT 1984

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
ROOFING STRUCTURE	4	Wood Truss
ROOFING COVER	4	Bit.up Tar & Gravel
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	1	Non-Ducted
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	2.00	
ROOMS	1.00	
WALL HEIGHT	10.00	

SITE ADDRESS: 6002 BIG BEND RD



CAN(L14 D4 FST;BAS(L12 D20 R26 U20 L14) R14 U4).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	520	520
FST	520	0
CAN	56	0
TOTALS	**1,096**	**520**

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BUILDING [2]

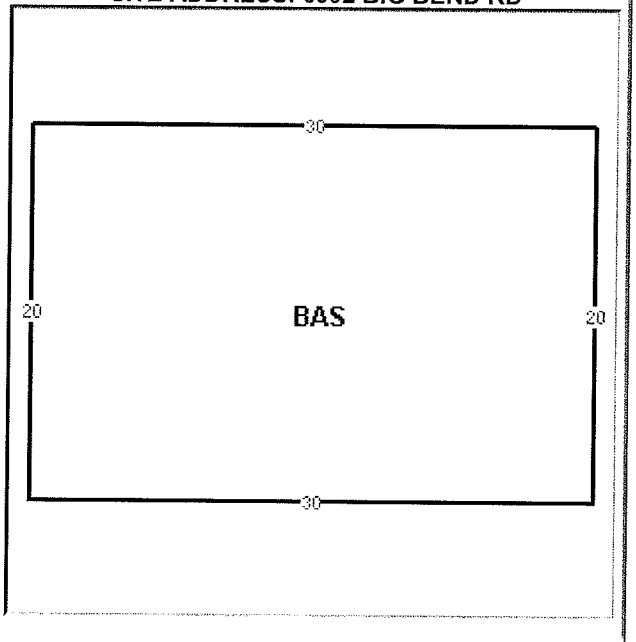
Building Characteristics

TYPE 84 | WRHSE - STORAGE

YEAR BUILT 1984

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
ROOFING STRUCTURE	4	Wood Truss
ROOFING COVER	3	Asphalt/Comp. Shingl
INTERIOR WALLS	1	Masonry or Minimum
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical

SITE ADDRESS: 6002 BIG BEND RD



STORIES	1.00	BAS(L30 D20 R30 U20).
WALL HEIGHT	12.00	

AREA TYPE	GROSS AREA	HEATED AREA
BAS	600	600
TOTALS	**600**	**600**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0060	C PVMT	1	1984	0	0	90,000.00	$131.760
2	0250	FCE CL4	1	1984	0	0	260.00	$1,131
3	0520	CNPY	0	2002	0	0	75.00	$750
4	0280	FCE WD	0	2006	0	0	150.00	$1,426
5	0640	UTL CB	0	2006	25	12	300.00	$6,603

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	I01L	Ind Class 1.75	M	0.00	0.00	196,891.00	$314,415

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	TRACT BEG 59.71 FT N OF SW COR OF SE 1/4 OF SW 1/4
2	RUN N 603 FT TO C/L OF EXISTING CANAL THN E 330 FT
3	ALG CANAL THN S 591.35 FT TO N R/W OF BIG BEND RD
4	AND S 88 DEG 48 MIN 52 SEC W 330.24 FT TO BEG

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$513,938	$0	$513,938	$3,909.35	$2,976.68	$3,204.15
Schools - State	$513,938	$0	$513,938	$3,255.64	$2,725.93	$2,472.30
Schools - Local	$513,938	$0	$513,938	$1,863.96	$1,270.97	$1,415.49
County MSTU	$513,938	$0	$513,938	$2,977.64	$2,248.22	$2,463.82
County Library	$513,938	$0	$513,938	$413.96	$286.93	$337.25
SWFWMD	$513,938	$0	$513,938	$263.09	$198.69	$224.33
Alafia River Basin	$513,938	$0	$513,938	$147.20	$111.16	$126.38
Port Authority	$513,938	$0	$513,938	$134.88	$100.22	$110.45
Children's Board	$513,938	$0	$513,938	$315.36	$256.97	$257.33
Transit Authority	$513,938	$0	$513,938	$305.90	$256.97	$249.41
Environmental Lands	$513,938	$0	$513,938	$41.10	$31.04	$31.04
Parks & Rec	$513,938	$0	$513,938	$17.63	$13.31	$13.31
TOTALS				**$13,645.71**	**$10,477.09**	**$10,905.26**

YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE

LAST YEAR	2007	$680,526	$680,526	$0	$680,526
CURRENT YEAR	2008	$513,938	$513,938	$0	$513,938

[VIEW TRIM PRINTER FRIENDLY PAGE]

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Segrest Farms

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

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ADVANCED PROPERTY SEARCH
PROPERTY TAX ESTIMATOR

VALUE SUMMARY - SALES HISTORY - BLDG: [1] - BLDG: [2] - BLDG: [3] - BLDG: [4] - BLDG: [5] - BLDG: [6] - BLDG: [7] - BLDG: [8] - BLDG: [9] - LAND LINES [1] - EXTRA FEATURES
LEGAL LINES - 2 TRIM INFO - MAP IT!! - TAX RECORDS
< < RETURN TO SEARCH LIST EXPAND RIGHT SIDE > >

BIG BEND HOLDINGS LLP

Mailing Address
1001 3RD AVE W STE 300
BRADENTON, FL 34205-7851

NEARBY SALES

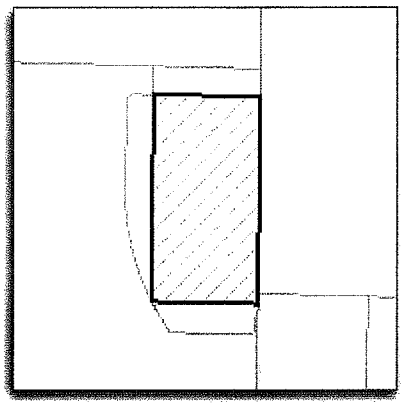
PIN:	U-11-31-19-ZZZ-000001-74040.0
Folio:	051499-0400
Prior PIN:	
Prior Folio:	051499-0100
Tax District:	A UNINCORPORATED
PROPERTY USE:	4830 WAREHOUSE C
Plat Book / Page:	
Neighborhood:	222001 | Clair-Mel/Gibsonton Area
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$1,045,182
EXTRA FEATURE VALUE	$37,272
LAND VALUE (MARKET)	$297,927
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$1,380,381
ASSESSED VALUE (A10)	$1,380,381
EXEMPT AMOUNT	$0
TAXABLE VALUE	$1,380,381

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
4715	0966	12	1985	WD	Qualified	Vacant	$220,000
12251	1935	12	2002	WD	Unqualfied	Improved	$429,100

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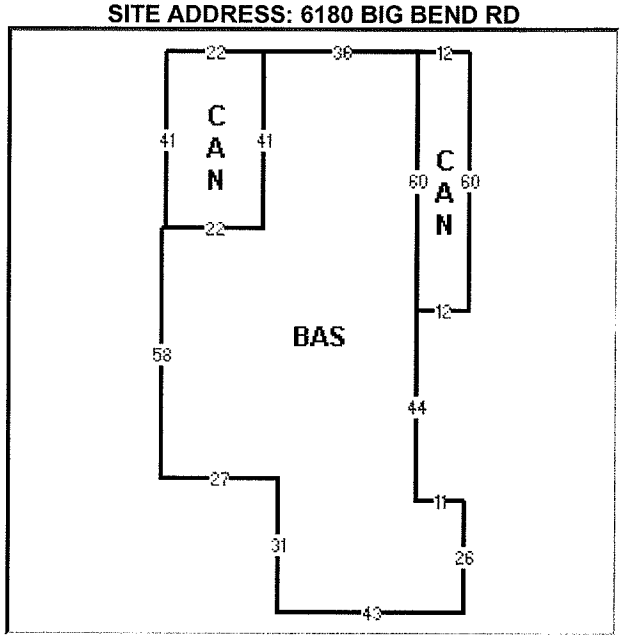
BUILDING [1]

Building Characteristics

SITE ADDRESS: 6180 BIG BEND RD

TYPE	49 | OFFICE <3 STORY
YEAR BUILT	1950

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
EXTERIOR WALL	4	Wood/Masonry Siding
ROOFING STRUCTURE	4	Wood Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	0	None
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	2.00	
WALL HEIGHT	12.00	



CAN(L12 BAS(L36 CAN(L22 D41 R22 U41) D41 L23 D58 R27 D31 R43 U26 L11 U104) D60 R12 U60).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	6,176	6,176
CAN	902	0
CAN	720	0
TOTALS	**7,798**	**6,176**

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BUILDING [2]

Building Characteristics

SITE ADDRESS: 6180 BIG BEND RD

TYPE	84 | WRHSE - STORAGE
YEAR BUILT	1955

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
ROOFING STRUCTURE	12	Reinforced Concrete
ROOFING COVER	3	Asphalt/Comp. Shingl
INTERIOR WALLS	0	None
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None

CAN	360	0
TOTALS	**3,672**	**3,312**

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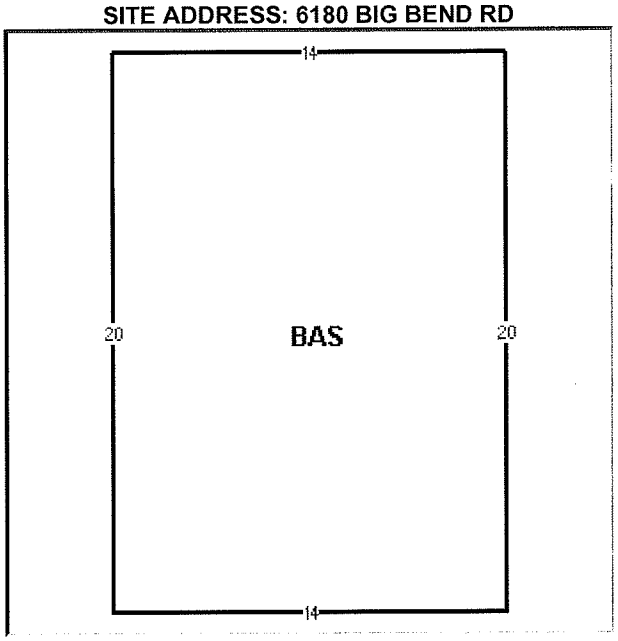
BUILDING [7]

Building Characteristics

SITE ADDRESS: 6180 BIG BEND RD

TYPE	02 | MANUFACTURED HOME (AYB > 1976)
YEAR BUILT	1980

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	4	Wood/Masonry Siding
ROOFING STRUCTURE	4	Wood Truss
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	4	Plywood paneling
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
STORIES	1.00	
BEDROOMS	0.00	
BATHROOMS	0.00	



BAS(L14 D20 R14 U20).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	280	280
TOTALS	**280**	**280**

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BUILDING [8]

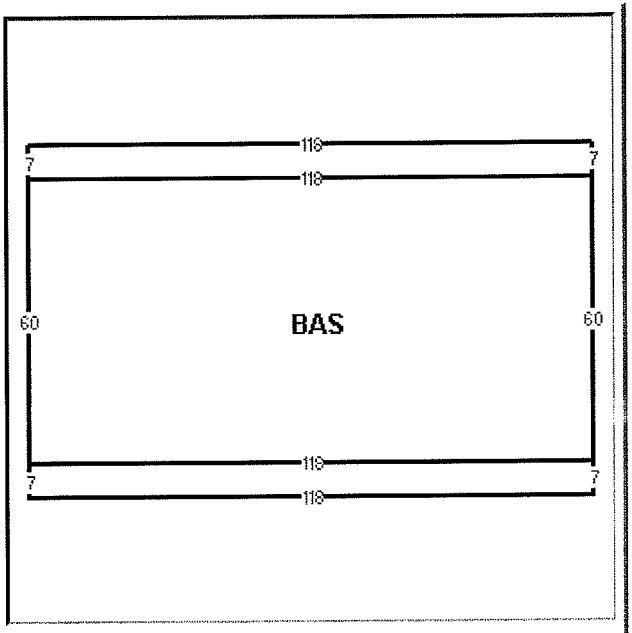
Building Characteristics

SITE ADDRESS: 6180 BIG BEND RD

TYPE	87 | PREFAB MTL BLD
YEAR BUILT	2006

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	11	Bowstring Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	0	None
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical

PARTITION	3	Typical
WALL HEIGHT	12.00	
ROOMS	1.00	
STORIES	1.00	



CAN(L118 D7 BAS(D60 CAN(D7 R118 U7 L118) R118 U60 L118) R118 U7).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	7,080	7,080
CAN	826	0
CAN	826	0
TOTALS	**8,732**	**7,080**

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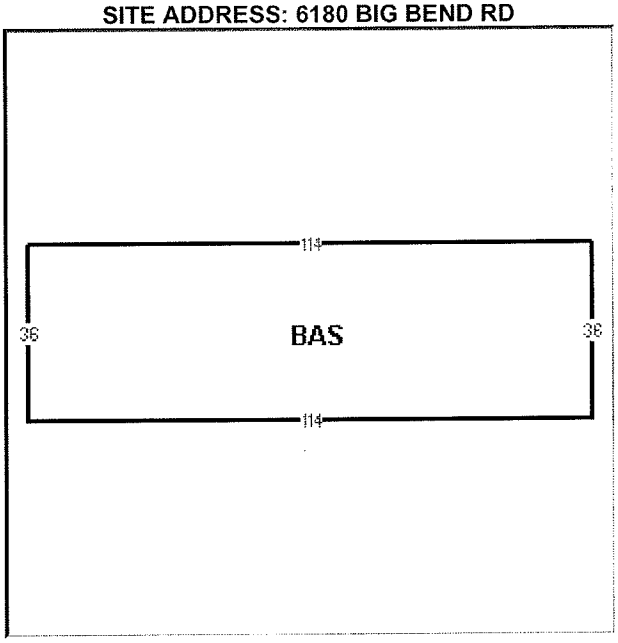
BUILDING [9]

Building Characteristics

SITE ADDRESS: 6180 BIG BEND RD

TYPE	87 | PREFAB MTL BLD
YEAR BUILT	2001

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	11	Bowstring Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	0	None
INTERIOR FLOORING	2	Concrete Finished
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical
WALL HEIGHT	12.00	
ROOMS	1.00	
STORIES	1.00	



BAS(L114 D36 R114 U36).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	4,104	4,104
TOTALS	**4,104**	**4,104**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0620	UTL WD	4	1976	12	7	84.00	$709
2	0520	CNPY	4	1976	20	12	240.00	$1,171
3	0520	CNPY	0	2002	23	8	184.00	$1,473
4	0520	CNPY	1	2002	88	12	1,056.00	$6,442
5	0060	C PVMT	1	1976	0	0	4,617.00	$8,643
6	0260	FCE CL6	0	2002	0	0	516.00	$5,289
7	0630	UTL MET	0	2006	20	15	300.00	$3,246
8	0630	UTL MET	0	2006	20	12	240.00	$3,246
9	0520	CNPY	0	2006	20	20	400.00	$2,440
10	0520	CNPY	0	2006	16	10	160.00	$976
11	0520	CNPY	0	2006	16	8	128.00	$937
12	1065	TNK PLS	0	2006	0	0	2,000.00	$2,700

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	I01L	Ind Class 1.75	AI	0.00	0.00	184,669.33	$297,927

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	E 313.74 FT OF SW 1/4 OF SW 1/4 LESS S 631.31 FT &
2	LESS E 10 FT FOR DRAINAGE EASEMENT
3	LESS THE FOLLOWING DESC PARCEL :
4	A PARCEL OF LAND BEING 80 FT WIDE LYING IN THE SW
5	1/4 OF SEC 11 TWP 31 RGE 19 BEING PARTICULARLY
6	DESC AS FOLLOWS: COMM AT THE SW COR OF SD SEC 11
7	THN COINCIDENT WITH THE W BDRY OF THE SW 1/4 OF SD
8	SEC 11 N 00 DEG 47 MIN 06 SEC E A DIST OF 1324.91
9	FT TO A PT ON THE N BDRY OF SW 1/4 OF THE SW 1/4
10	OF SD SEC 11 THN DEPARTING SD W BDRY COINCIDENT
11	WITH SD N BDRY S 88 DEG 33 MIN 39 SEC E A DIST OF
12	69.42 FT TO A PT ONTHE E R/W BDRY OF US HWY NO 41
13	THN DEPARTING SD E R/W BDRY COINCIDENT WITH SD N
14	BDRY S 88 DEG 33 MIN 39 SEC E A DIST OF 934.25 FT
15	TO POB THN CONT COINCIDENT WITH SD N BDRY S 88 DEG
16	33 MIN 39 SEC E A DIST 305.22 FT TO A PT ON A LINE
17	THAT IS 10 FT W OF AND P/L WITH THE E BDRY OF SW
18	1/4 OF THE SW 1/4 OF SD SEC 11 THN DEPARTING SD N
19	BDRY COINCIDENT WITH SD P/L LINE S 00 DEG 41 MIN
20	28 SEC W A DIST OF 80.01 FT TO A PT ON A LINE THAT
21	IS 80 FT S OF AND P/L WITH THE N BDRY OF THE SW

22 1/4 OF THE SW 1/4 OF SD SEC 11 THN DEPARTING SD
23 LINE THAT IS P/L WITH SD E BDRY COINCIDENT WITH SD
24 LINE THAT IS P/L LINE WITH SD N BDRY N 88 DEG 33
25 MIN 39 SEC W A DIST OF 305.24 FT THN DEPARTING SD
26 P/L LINE N 00 DEG 42 MIN 17 SEC E A DIST OF 80.01
27 FT TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$1,380,381	$0	$1,380,381	$8,278.57	$7,995.03	$8,605.99
Schools - State	$1,380,381	$0	$1,380,381	$6,894.24	$7,321.54	$6,640.32
Schools - Local	$1,380,381	$0	$1,380,381	$3,947.18	$3,413.68	$3,801.85
County MSTU	$1,380,381	$0	$1,380,381	$6,305.55	$6,038.48	$6,617.55
County Library	$1,380,381	$0	$1,380,381	$876.62	$770.67	$905.81
SWFWMD	$1,380,381	$0	$1,380,381	$557.13	$533.66	$602.54
Alafia River Basin	$1,380,381	$0	$1,380,381	$311.71	$298.58	$339.44
Port Authority	$1,380,381	$0	$1,380,381	$285.63	$269.17	$296.64
Children's Board	$1,380,381	$0	$1,380,381	$667.81	$690.19	$691.16
Transit Authority	$1,380,381	$0	$1,380,381	$647.78	$690.19	$669.90
Environmental Lands	$1,380,381	$0	$1,380,381	$87.04	$83.38	$83.38
Parks & Rec	$1,380,381	$0	$1,380,381	$37.32	$35.75	$35.75
TOTALS				**$28,896.58**	**$28,140.32**	**$29,290.33**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$1,441,104	$1,441,104	$0	$1,441,104
CURRENT YEAR	2008	$1,380,381	$1,380,381	$0	$1,380,381

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

PACIFIC TOMATO GROWERS LTD

Mailing Address
503 10TH ST W
PALMETTO, FL 34221-3801

NEARBY SALES

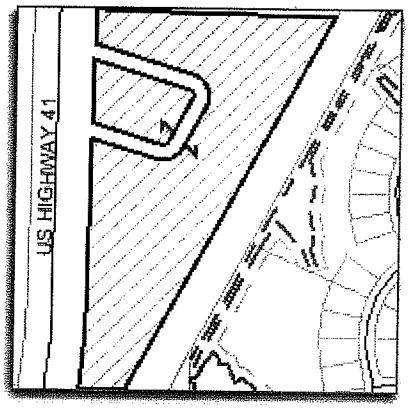
PIN:	U-14-31-19-ZZZ-000001-74350.0
Folio:	051531-0000
Prior PIN:	
Prior Folio:	
Tax District:	A UNINCORPORATED
PROPERTY USE:	4400 PACKING PLANTS
Plat Book / Page:	
Neighborhood:	227006 | Southbay
Subdivision:	ZZZ | UNPLATTED

VALUE SUMMARY

BUILDING VALUE	$2,037,567
EXTRA FEATURE VALUE	$202,857
LAND VALUE (MARKET)	$664,996
LAND VALUE (AGRICULTURE)	$0
JUST (MARKET) VALUE	$2,905,420
ASSESSED VALUE (A10)	$2,905,420
EXEMPT AMOUNT	$0
TAXABLE VALUE	$2,905,420

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
15078	1498	05	2005	WD	Unqualfied	Improved	$100
15078	1495	05	2005	WD	Unqualfied	Improved	$100
9817	0824	08	1999	WD	Unqualfied	Improved	$100
9817	0811	08	1999	WD	Unqualfied	Improved	$100

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7063	**1276**	07	1993	WD	Unqualified	Improved	$665,100

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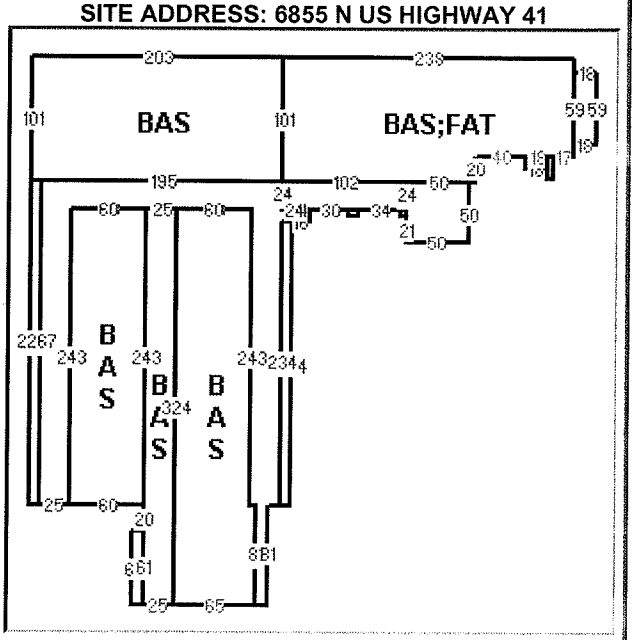
BUILDING [1]

Building Characteristics

TYPE	70 | COLD STRG/PCKG
YEAR BUILT	1973

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	12	Metal
ROOFING STRUCTURE	10	Steel Frame or Truss
ROOFING COVER	9	Metal
INTERIOR WALLS	0	None
INTERIOR FLOORING	3	Concrete Above Grade
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	1.00	
WALL HEIGHT	20.00	

SITE ADDRESS: 6855 N US HIGHWAY 41



BAS;FAT(L238 BAS(L203 D101 CAN(D267 R8 CLP(R25 BAS (R60 BAS(D20 CAN(L10 D61 R10 U61) D61 R25 BAS(R65 U81 L5 U243 L60 D324) U324 L25 D243) U243 L60 D243) U243 R145 D243 R5 D81 R10 U81 R10 CAN(R8 U234 L8 D234) U234 R24 U9 BOF(R30 CAN(D5 R9 U5 L9) R43 CAN(D5 R5 BAS(D21 R50 U50 L50 D29) U5 L5) R5 U24 L102 D24 R24) L24 U24 L195 D267) U267 L8) R203 U101) D101 R158 U20 R40 BAS(D9 R18 ULP(D9 R5 U18 L5 D9) U9 L18) R40 U11 BAS(R18 U59 L18 D59) U70).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	22,438	22,438
BAS	20,503	20,503
BAS	19,845	19,845
BAS	14,580	14,580
CLP	17,856	0
BAS	8,100	8,100
FAT	22,438	0
BOF	2,448	2,448
BAS	2,500	2,500
BAS	1,062	1,062
CAN	2,136	0
CAN	1,872	0
CAN	610	0
BAS	162	162
ULP	90	0
CAN	45	0
CAN	25	0
TOTALS	136,710	91,638

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BUILDING [3]

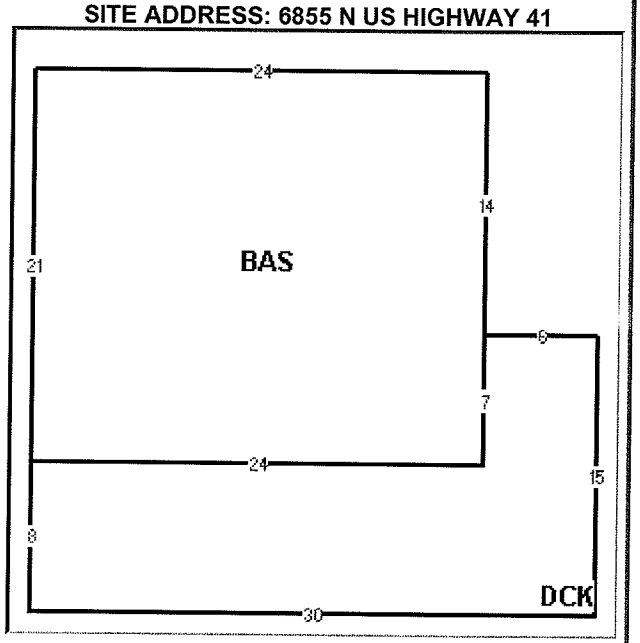
Building Characteristics

TYPE 69 | CLUBHOUSE

YEAR BUILT 1985

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	4	Wood/Masonry Siding
ROOFING STRUCTURE	4	Wood Truss
ROOFING COVER	2	Rolled Composition
INTERIOR WALLS	6	Wood Panel or Custom
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	0	None
PLUMBING	3	Typical
PARTITION	3	Typical
WALL HEIGHT	8.00	
ROOMS	1.00	
STORIES	1.00	

SITE ADDRESS: 6855 N US HIGHWAY 41



BAS(L24 D21 DCK(D8 R30 U15 L6 D7 L24) R24 U21).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	504	504
DCK	282	0
TOTALS	**786**	**504**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0520	CNPY	1	1973	0	0	16,866.00	$102,883
2	0260	FCE CL6	1	1973	0	0	1,803.00	$11,269
3	0020	ASP PAV	1	1973	0	0	126,500.00	$86,071
4	0640	UTL CB	0	2006	17	11	187.00	$2,366
5	0520	CNPY	0	2006	11	4	44.00	$268

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	9950	Acreage Class 50	M	0.00	0.00	12.33	$331,985

LAND LINES 2

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
2	1268	Hwy 41 Central	M	0.00	0.00	64,033.20	$333,011

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	THAT PART OF NW 1/4 OF SW 1/4 DESC AS : BEG
2	AT INTER OF WLY R/W LINE OF ACL RR AND E
3	BDRY LINE OF SR 23 AND RUN N 28 DEG 36 MIN
4	28 SEC E ALONG RR 1700.75 FT N 89 DEG 32 MIN
5	36 SEC W 704.83 FT N 84 DEG 10 MIN 15 SEC W
6	90.35 FT TO ELY R/W OF SR 23 AND S 0 DEG 44 MIN
7	48 SEC W 1508.03 FT TO BEG LESS PART FOR RD
8	DESC AS BEG N 0 DEG 44 MIN 48 SEC E 1025.76 FT
9	TO A C/L OF 50 FT R/W AND RUN S 75 DEG 19 MIN 22
10	SEC E 267.62 FT TO CURVE LT RAD 50 CH N 64 DEG
11	38 MIN 33 SEC E ARC 66.38 FT N 28 DEG 36 MIN
12	28 SEC E 145.8 FT P/L TO RR TO CURVE LT RAD 50
13	FT CH N 23 DEG 21 MIN 27 SEC W ARC 90.70 FT AND
14	N 75 DEG 19 MIN 22 SEC W 362.62 FT TO R/W LINE
15	U S HWY NO 41 AND A PT 248.85 FT N OF POB AND S
16	248.85 FT TO BEG AND LESS THAT PART DESC AS BEG AT
17	NW COR OF SW 1/4 OF SW 1/4 RUN SELY 160 FT TO WLY
18	R/W OF RR SWLY ALONG WLY R/W OF RR 230 FT MOL TO W
19	BDRY LINE OF SEC AND N 320 FT MOL TO BEG

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$2,905,420	$0	$2,905,420	$16,915.38	$16,827.90	$18,113.84
Schools - State	$2,905,420	$0	$2,905,420	$14,086.83	$15,410.35	$13,976.52
Schools - Local	$2,905,420	$0	$2,905,420	$8,065.18	$7,185.10	$8,002.11
County MSTU	$2,905,420	$0	$2,905,420	$12,883.97	$12,709.76	$13,928.58
County Library	$2,905,420	$0	$2,905,420	$1,791.18	$1,622.10	$1,906.54
SWFWMD	$2,905,420	$0	$2,905,420	$1,138.37	$1,123.24	$1,268.22
Alafia River Basin	$2,905,420	$0	$2,905,420	$636.91	$628.44	$714.44
Port Authority	$2,905,420	$0	$2,905,420	$583.61	$566.56	$624.37
Children's Board	$2,905,420	$0	$2,905,420	$1,364.51	$1,452.71	$1,454.74
Transit Authority	$2,905,420	$0	$2,905,420	$1,323.58	$1,452.71	$1,410.00
Environmental Lands	$2,905,420	$0	$2,905,420	$177.85	$175.49	$175.49
Parks & Rec	$2,905,420	$0	$2,905,420	$76.26	$75.25	$75.25
TOTALS				**$59,043.63**	**$59,229.61**	**$61,650.10**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$2,944,571	$2,944,571	$0	$2,944,571
CURRENT YEAR	2008	$2,905,420	$2,905,420	$0	$2,905,420

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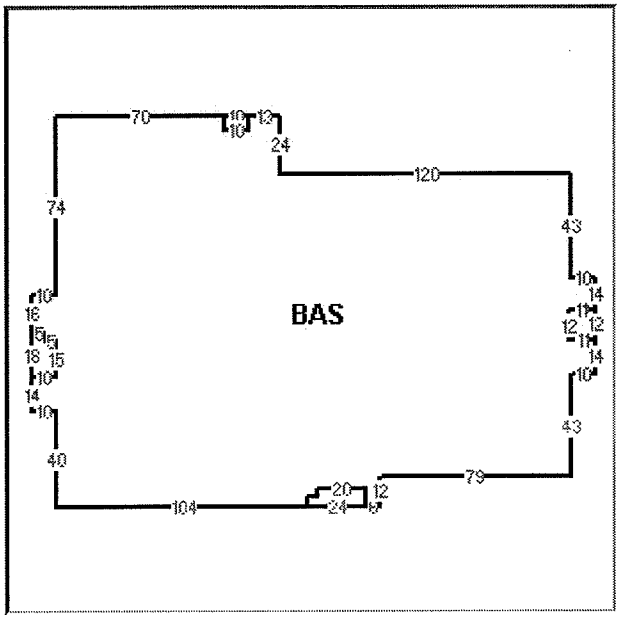
WALL		
EXTERIOR WALL	8	Brick
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	8	Carpet
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	3.00	
WALL HEIGHT	12.00	



BAS(L120 U24 L13 CAN(L10 D6 R10 U6) D6 L10 U6 L70 D74 L10 D16 CAN(D18 R10 U15 L5 U3 L5) R5 D3 R5 D15 L10 D14 R10 D40 R104 CAN(R24 U7 L20 D3 L4 D4) U4 R4 U3 R20 D7 R6 U12 R79 U43 R10 U14 CAN(U12 L11 D12 R11) L11 U12 R11 U14 L10 U43).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	31,045	31,045
CAN	165	0
CAN	156	0
CAN	132	0
CAN	60	0
TOTALS	**31,558**	**31,045**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0870	GD HSE	1	2006	8	8	64.00	$2,254
2	0020	ASP PAV	1	1980	0	0	81,400.00	$65,934
3	0060	C PVMT	1	1980	0	0	1,760.00	$4,618
4	0260	FCE CL6	1	1980	0	0	2,100.00	$13,125

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	1268	Hwy 41 Central	M	0.00	0.00	253,083.60	$1,187,848

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	TAMPA BAY QUEST
2	LOT 1

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$3,513,000	$0	$3,513,000	$18,785.42	$20,346.94	$21,901.80
Schools - State	$3,513,000	$0	$3,513,000	$15,644.16	$18,632.95	$16,899.29
Schools - Local	$3,513,000	$0	$3,513,000	$8,956.80	$8,687.65	$9,675.50
County MSTU	$3,513,000	$0	$3,513,000	$14,308.32	$15,367.62	$16,841.32
County Library	$3,513,000	$0	$3,513,000	$1,989.20	$1,961.31	$2,305.23
SWFWMD	$3,513,000	$0	$3,513,000	$1,264.22	$1,358.13	$1,533.42
Alafia River Basin	$3,513,000	$0	$3,513,000	$707.32	$759.86	$863.85
Port Authority	$3,513,000	$0	$3,513,000	$648.13	$685.04	$754.94
Children's Board	$3,513,000	$0	$3,513,000	$1,515.36	$1,756.50	$1,758.96
Transit Authority	$3,513,000	$0	$3,513,000	$1,469.91	$1,756.50	$1,704.86
Environmental Lands	$3,513,000	$0	$3,513,000	$197.51	$212.19	$212.19
Parks & Rec	$3,513,000	$0	$3,513,000	$84.70	$90.99	$90.99
TOTALS				**$65,571.05**	**$71,615.68**	**$74,542.35**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$3,270,100	$3,270,100	$0	$3,270,100
CURRENT YEAR	2008	$3,513,000	$3,513,000	$0	$3,513,000

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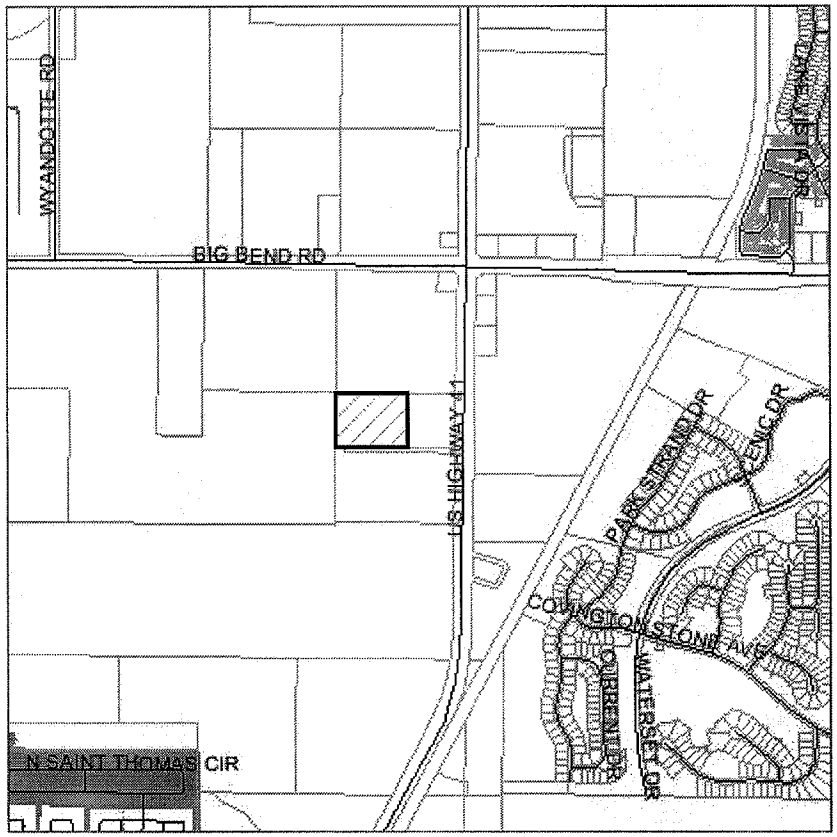
ROB TURNER, C.F.A.
HILLSBOROUGH COUNTY PROPERTY APPRAISER



[VIEW PROPERTY RECORD INFORMATION]

FOLIO:	0515640104
PIN NUMBER:	U-15-31-19-97J-000000-00002.0
OWNER 1:	BRADCO SUPPLY CORPORATION
ADDRESS:	6932 N US HIGHWAY 41 APOLLO BEACH
LEGAL DESC:	LOT 2
DOR CODE:	4830

VALUE SUMMARY:	
BUILDING VALUE:	$0
EXTRA FEATURE VALUE:	$0
LAND VALUE (MARKET):	$1,782,603
LAND VALUE (AGRI.):	$0
JUST (MARKET) VALUE:	$4,963,400
ASSESSED VALUE (A10):	$4,963,400
EXEMPT VALUE:	$0
TAXABLE VALUE:	$4,963,400

SALES INFORMATION	
11/30/2006	$8,450,000.00

FOLIO: 0515640104 PIN: U-15-31-19-97J-000000-00002.0 ACREAGE: 8.97

Map created on 2/19/2009 9:32:12 AM.

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ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

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FOLIO NO. SEARCH
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SEARCH GIS
SALES SEARCH
ADVANCED PROPERTY SEARCH
PROPERTY TAX ESTIMATOR

BRADCO SUPPLY CORPORATION

Mailing Address
34 ENGELHARD AVE
AVENEL, NJ 07001-2217

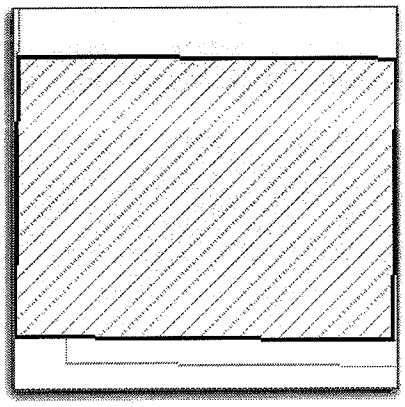
NEARBY SALES

PIN:	U-15-31-19-97J-000000-00002.0
Folio:	051564-0104
Prior PIN:	U-15-31-19-1SF-000000-00700.0
Prior Folio:	051547-0100
Tax District:	A UNINCORPORATED
PROPERTY USE:	4830 WAREHOUSE C
Plat Book / Page:	0110 / 0292
Neighborhood:	227006 | Southbay
Subdivision:	97J | TAMPA BAY QUEST

VALUE SUMMARY

VALUE METHOD	Income
JUST (MARKET) VALUE	$4,963,400
ASSESSED VALUE (A10)	$4,963,400
EXEMPT AMOUNT	$0
TAXABLE VALUE	$4,963,400

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
17219	0784	11	2006	WD	Unqualified	Improved	$8,450,000

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BUILDING [1]

Building Characteristics

SITE ADDRESS: 6932 N US HIGHWAY 41

TYPE	82 | WRHSE DISTRIB
YEAR BUILT	1981

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR	10	Precast Panel

HIDE THIS SIDE
RETURN TO SEARCH LIST
VALUE SUMMARY
SALES HISTORY
BLDG: [1]
LAND LINES [1]
EXTRA FEATURES
LEGAL LINES
TRIM INFO
MAP IT!!
TAX RECORDS
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You'll notice some BL TEXT THAT APPEAR BE LINKS. You can h over these items to vi their descriptions, definitions or to link to gather more informati Try it out by hovering JUST (MARKET) VAL to the left.

13, 14 Publix / Touch of Class Cleaners

ROB TURNER, CFA
www.hcpafl.org
TAMPA, FL

HILLSBOROUGH COUNTY PROPERTY APPRAISER

PARADISE SHOPPES AT APOLLO BEACH LLC

Mailing Address
500 S FLORIDA AVE STE 700
LAKELAND, FL 33801-5270

NEARBY SALES

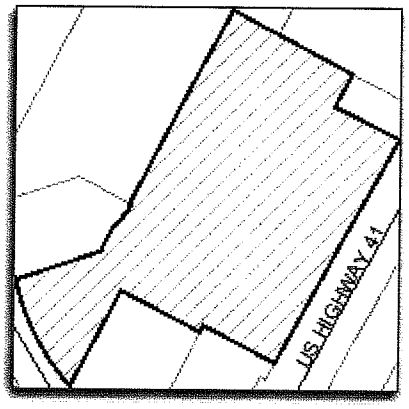
PIN:	U-22-31-19-1SF-000000-61000.0
Folio:	051583-0210
Prior PIN:	
Prior Folio:	051583-0200
Tax District:	A UNINCORPORATED
PROPERTY USE:	1610 SH CTR CMMITY A
Plat Book / Page:	0027 / 0110
Neighborhood:	227006 | Southbay
Subdivision:	1SF | RUSKIN TOMATO FARMS

VALUE SUMMARY

VALUE METHOD	Income
JUST (MARKET) VALUE	$12,315,200
ASSESSED VALUE (A10)	$12,315,200
EXEMPT AMOUNT	$0
TAXABLE VALUE	$12,315,200

The sale of this property may result in higher property taxes. For more information go to our Save Our Homes section and our Property Tax Estimator.

GIS MAP



MAP IT!!

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SALES HISTORY

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MONTH	DATE YEAR	TYPE INST	QUALIFIED OR UNQUALIFIED	VACANT OR IMPROVED	SALES PRICE
9221	1495	09	1998	WD	Qualified	Improved	$3,627,600
13693	1582	04	2004	WD	Unqualfied	Improved	$6,475,000
13693	1590	04	2004	QC	Unqualfied	Improved	$100
13693	1564	04	2004	QC	Unqualfied	Improved	$100

74

13251	**1324**	09	2003	QC	Unqualfied	Improved	$100
4278	**1071**	02	1984	QC	Unqualfied	Vacant	$100,000
4120	**0684**	06	1983	QC	Unqualfied	Vacant	$240,500

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BUILDING [1]

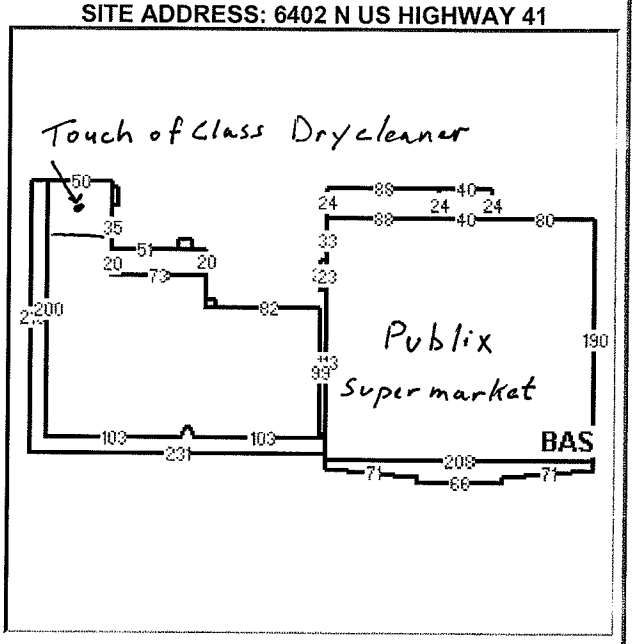
Building Characteristics

SITE ADDRESS: 6402 N US HIGHWAY 41

TYPE 39 | SH CTR COMMITY

YEAR BUILT 1984

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
EXTERIOR WALL	7	Masonry Stucco
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	4	Vinyl
INTERIOR FLOORING	8	Carpet
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	30.00	
WALL HEIGHT	18.00	



BAS(L80 CLP(U24 L40 ULP(L88 D24 R88 U24) D24 R40) L128 D33 ULP(L5 D23 R5 U23) D136 L5 U99 L82 CAN(U6 L8 D6 R8) L8 U24 FST(U20 L10 CAN(U8 L12 D8 R12) L63 D20 R73) L73 U55 CNB(R4 U14 L4 D14) U19 L50 CAN(L13 D213 R231 U13 L103 N7 W4 L4 W4 S7 L103 U200) D200 R103 N7 E4 R4 E4 S7 R103 D18 CAN(D6 S7 E71 D4 R66 U4 E71 N7 U6 L208) R208 U190).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	67,857	67,857
CAN	5,659	0
CAN	2,471	0
FST	1,460	0
ULP	2,112	0
CLP	960	0
CAN	96	0
ULP	115	0
CAN	48	0
CNB	56	0
TOTALS	80,834	67,857

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BUILDING [2]

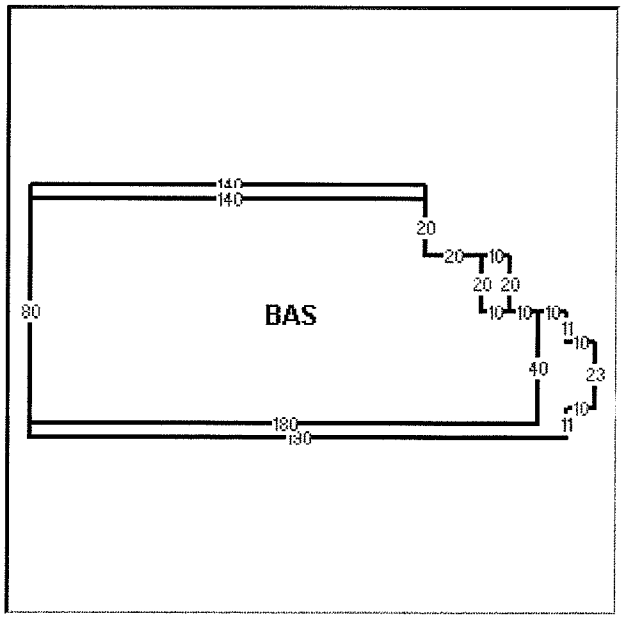
Building Characteristics

SITE ADDRESS: 6402 N US HIGHWAY 41

TYPE 38 | SH CTR NBRHD

YEAR BUILT 1989

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	7	Masonry Stucco
EXTERIOR WALL	8	Brick
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	8	Carpet
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical
STORIES	1.00	
ROOMS	18.00	
WALL HEIGHT	14.00	



CAN(L10 U11 L10 BAS(L10 CAN (U20 L10 D20 R10) L10 U20 L20 U20 CAN(U5 L140 D5 R140) L140 D80 R180 U40) D40 L180 D5 R190 U11 R10 U23).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	13,200	13,200
CAN	1,580	0
CAN	700	0
CAN	200	0
TOTALS	**15,680**	**13,200**

[BACK TO THE TOP]

BUILDING [3]

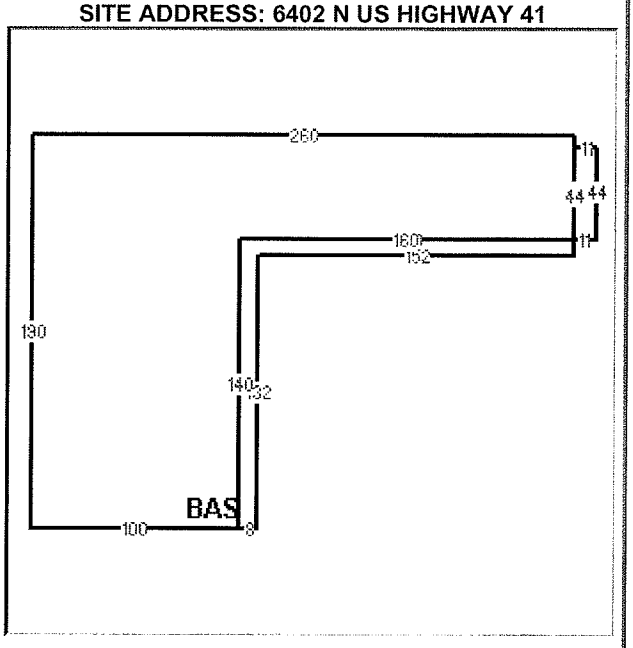
Building Characteristics

TYPE 38 | SH CTR NBRHD

YEAR BUILT 1989

SITE ADDRESS: 6402 N US HIGHWAY 41

ELEMENT	CODE	CONSTRUCTION DETAIL
EXTERIOR WALL	5	Concrete Block
EXTERIOR WALL	7	Masonry Stucco
ROOFING STRUCTURE	9	Rigid Frame/Barjoist
ROOFING COVER	4	Blt.up Tar & Gravel
INTERIOR WALLS	5	Drywall
INTERIOR FLOORING	4	Vinyl
AIR CONDITIONING	2	Central
PLUMBING	3	Typical
PARTITION	3	Typical



BAS(L260 D190 R100 CAN(R8 U132 R152 U8 CNB(R11 U44

STORIES	1.00
ROOMS	16.00
WALL HEIGHT	14.00

L11 D44) L160 D140) U140 R160 U50).

AREA TYPE	GROSS AREA	HEATED AREA
BAS	27,000	27,000
CAN	2,336	0
CNB	484	0
TOTALS	**29,820**	**27,000**

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EXTRA FEATURES

LN	OB/XF CODE	DESCRIPTION	BLD	YEAR ON ROLL	LENGTH	WIDTH	UNITS	VALUE
1	0060	C PVMT	1	1984	0	0	10,200.00	$21,053
2	0020	ASP PAV	1	1984	0	0	172,880.00	$177,375

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LAND LINES 1

L N	USE CODE	LAND USE DESCRIPTION	ZONE	FRONT	DEPTH	TOTAL LAND UNITS	LAND VALUE
1	1268	Hwy 41 Central	PD-MU	0.00	0.00	501,746.00	$2,233,773

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LEGAL LINES

L N	LEGAL DESCRIPTION
1	RUSKIN TOMATO FARMS
2	COM AT NE COR OFSEC 22 TWP 31 RGE 19 THN S 89 DEG
3	719.68 FT TO THE WLY R/W LINE OF US HWY 41 (SR 45)
4	THN S 27 DEG 17 MIN 16 SEC W ALG SD R/W 2575.29 FT
5	FOR POB THN CONT S27 DEG 17 MIN 16 SEC W 806.98 FT
6	THN N 62 DEG 41 MIN 34 SEC W 217.94 FT THN S 27
7	DEG 18 MIN 28 SEC W 20 FT THN N 62 DEG 41 MIN 34
8	SEC W 250.01 FT THN S 27 DEG 18 MIN 26 SEC W
9	303.35 FT TO ELY R/W LINE OF APOLLO BEACH BLVD
10	THN ON SD R/W LINE ALG A CURVE CONCAVE NELY
11	W/ RAD OF 695.49 FT AND CHD BRG N 30 DEG 14 MIN
12	02 SEC W 274.53 FT TO PT OF TANGENCY THN CONT ON
13	SD R/W LINE N 18 DEG 51 MIN 04 SEC W 66.95 FT THN
14	DEPARTING FR SD R/W LINE ALG NON-TANGENT CURVE
15	NELY W/ RAD OF 25 FT FOLLOWED BY CHD BRG S 88 DEG
16	06 MIN 20 SEC E 17.97 FT THN N 70 DEG 49 MIN 36
17	SEC E 54.73 FT THN N 70 DEG 53 MIN 44 SEC E 166.40
18	FT TO CURVE CONCAVE NWLY W/ RAD OF 50 FT CHD BRG
19	N 62 DEG 48 MIN 43 SEC E 14.06 FT THN N 09 DEG 08
20	MIN 07 SEC E 11.33 FT THN N 27 DEG 26 MIN 29 SEC E
21	50 FT N 33 DEG 40 MIN 04 SEC E 22.13 FT N 56 DEG
22	20 MIN 32 SEC E 15.86 FT N 28 DEG 10 MIN 05 SEC E
23	16.21 FT TO CURVE CONCAVE SELY W/ RAD OF 25 FT
24	CHD BRG N 42 DEG 34 MIN 36 SEC E 12.44 FT THN N 56

DEG 59 MIN 07 SEC E 3.49 FT TO CURVE CONCAVE NWLY
W/RAD OF 10 FT CHD BRG N 42 DEG 56 MIN 06 SEC E
4.86 FT THN N 28 DEG 53 MIN 05 SEC E 12.55 FT THN
N 62 DEG 42 MIN 44 SEC W 7.65 FT THN N 27 DEG 17
MIN 16 SEC E 611.88 FT THN S 62 DEG 42 MIN 44 SEC
E 132.81 FT THN N 27 DEG 17 MIN 16 SEC E 2.48 FT
THN S 62 DEG 42 MIN 44 SEC E 192.40 FT THN S 27
DEG 17 MIN 16 SEC W 2.48 FT THN S 62 DEG 42 MIN 44
SEC E 239.93 FT TO POB.....LESS PARCEL DESC AS:
COM AT NE COR OF SEC 22 S 89 DEG 21 MIN 45 SEC W
718.7 FT TO A PT OF INTERS W/WLY R/W LINE OF US HY
41 S 27 DEG 17 MIN 16 SEC W 2575.29 FT FOR POB
CONT S 27 DEG 17 MIN 16 SEC W 100 FT N 62 DEG 42
MIN 44 SEC W 200 FT N 27 DEG 17 MIN 16 SEC E 100
FT S 62 DEG 42 MIN 44 SEC E 200 FT TO POB

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TRIM INFORMATION (2008)

TAXING AUTHORITY	BASE TAXABLE VALUE	ADDITIONAL EXEMPTIONS GRANTED	TAXABLE VALUE	LAST YEAR PROPERTY TAXES	PROPOSED PROPERTY TAXES	ROLLBACK PROPERTY TAXES
General Revenue	$13,241,200	$0	$13,241,200	$71,385.27	$76,691.71	$82,552.26
Schools - State	$13,241,200	$0	$13,241,200	$59,448.38	$70,231.32	$63,696.79
Schools - Local	$13,241,200	$0	$13,241,200	$34,036.18	$32,745.49	$36,468.91
County MSTU	$13,241,200	$0	$13,241,200	$54,372.15	$57,923.63	$63,478.31
County Library	$13,241,200	$0	$13,241,200	$7,559.04	$7,392.56	$8,688.88
SWFWMD	$13,241,200	$0	$13,241,200	$4,804.08	$5,119.05	$5,779.78
Alafia River Basin	$13,241,200	$0	$13,241,200	$2,687.85	$2,864.07	$3,256.01
Port Authority	$13,241,200	$0	$13,241,200	$2,462.93	$2,582.03	$2,845.53
Children's Board	$13,241,200	$0	$13,241,200	$5,758.44	$6,620.60	$6,629.87
Transit Authority	$13,241,200	$0	$13,241,200	$5,585.71	$6,620.60	$6,425.95
Environmental Lands	$13,241,200	$0	$13,241,200	$750.56	$799.77	$799.77
Parks & Rec	$13,241,200	$0	$13,241,200	$321.85	$342.95	$342.95
TOTALS				**$249,172.44**	**$269,933.78**	**$280,965.01**

	YEAR	JUST VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
LAST YEAR	2007	$12,426,500	$12,426,500	$0	$12,426,500
CURRENT YEAR	2008	$13,241,200	$13,241,200	$0	$13,241,200

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Chapter 17-770, FAC, are listed on Table 4-3. Florida ground water standards and Chapter 17-770, FAC, target levels are listed on Table 4-3 for comparison to detected well concentrations. The laboratory reports for the samples are included in Appendix F (November 27, 1989 data) and Appendix G (January 18, 1990 data).

Figures 4-3 and 4-4 show the distribution of benzene and methyl tert-butyl ether (MTBE), respectively, in ground water at the site, based on November 1989 analytical results for wells PSC-1 through PSC-5, and on January 1990 analytical results for well PSC-6. Analytical results for benzene (Figure 4-3) and MTBE (Figure 4-4) at deep well PSC-5 were not used to draw the contour lines shown on the figures because the deep well is screened below the water table. None of the parameters analyzed for were detected in deep well PSC-5, indicating that ground water impacts are restricted to above 20 feet below grade (i.e., the vertical extent of impacts has been delineated). As shown in Figure 4-3, the areal extent of benzene has been delineated and is restricted to the immediate vicinity of the pump island. Benzene and ethylbenzene were detected in well PSC-1 at low levels and were not detected in any other wells.

Figure 4-4 shows that the areal extent of the MTBE plume has also been delineated. MTBE was detected at wells PSC-1 and PSC-3 at concentrations of 150 µg/L and 760 µg/L, respectively (Figure 4-4). The distribution of MTBE detected in the November 1989 well samples prompted the installation of well PSC-6 downgradient of well PSC-3 to ascertain the downgradient extent of the MTBE plume. MTBE was not detected in the sample collected from well PSC-6 on January 18, 1990, indicating that the downgradient extent of the MTBE is upgradient of well PSC-6.

Lead was detected in wells PSC-1, PSC-2, PSC-3, PSC-4, and PSC-6 at levels below the Florida ground water quality standard of 50 µg/L. EDB was not detected in any of the wells. Samples from wells PSC-1 and PSC-2 were analyzed for TDS concentrations. As shown in Table 4-3, TDS concentrations of 520 mg/L and 850 mg/L were detected at wells PSC-1 and PSC-2, respectively. These values indicate that the surficial aquifer at the site is a class G-II aquifer (Chapter 17-3.403(1), FAC).

The only other parameters that were detected in any ground water samples were trace levels of 1,1-dichloroethane (2.3 µg/L) and methylene chloride (3 µg/L) in well PSC-6. There is no known source or activity which could account for these low levels. However, their presence is not perceived as problematic.

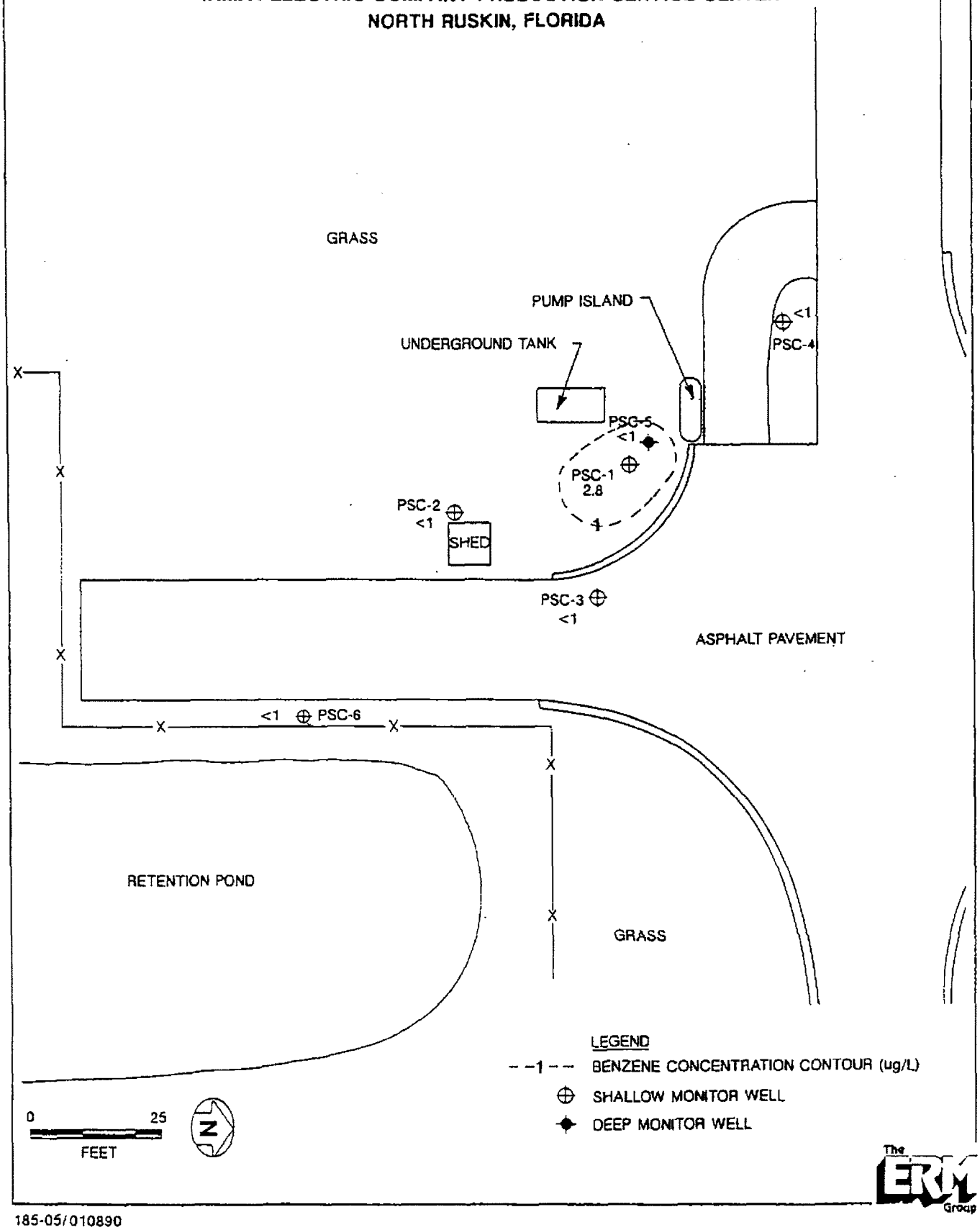
QA sample results are provided in the laboratory report in Appendix F. Analytical results for sample PSC-10, a duplicate of

FIGURE 4-3

BENZENE DISTRIBUTION (ug/L) IN GROUND WATER, NOVEMBER 1989-JANUARY 1990

TAMPA ELECTRIC COMPANY PRODUCTION SERVICE CENTER

NORTH RUSKIN, FLORIDA



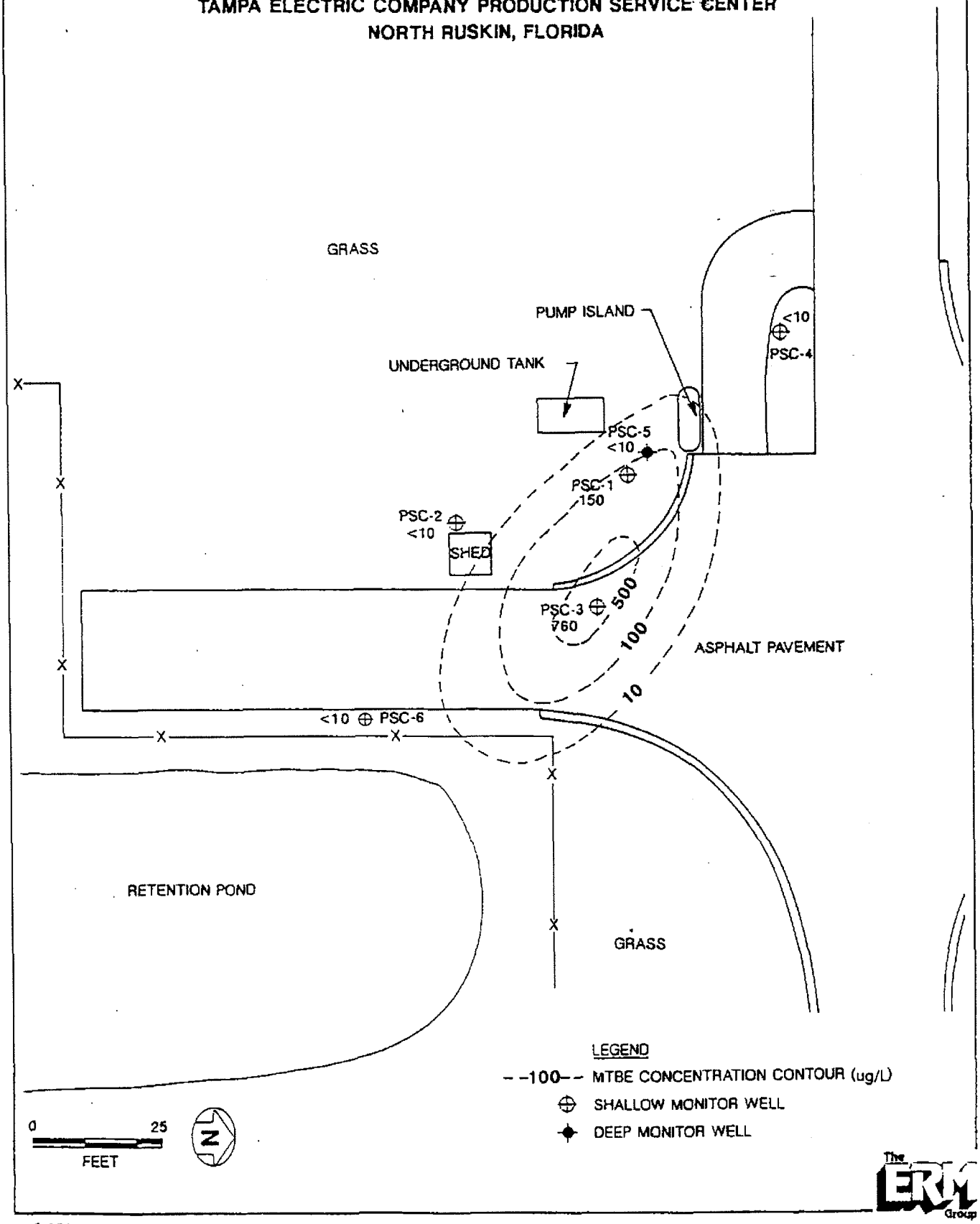
185-05/010890

FIGURE 4-4

MTBE DISTRIBUTION (ug/L) IN GROUNDWATER, NOVEMBER 1988-JANUARY 1990

TAMPA ELECTRIC COMPANY PRODUCTION SERVICE CENTER

NORTH RUSKIN, FLORIDA



185-05/010890

PSC-1, match well with results for PSC-1. No analytes were detected in the equipment blank (PSC-11), the field blank (PSC-12), and the trip blank. These results indicate that good QA/QC measures were maintained during sample collection and analyses.

4.4 Extent of Subsurface Impacts

As described in Section 4.3, the areal and vertical extent of subsurface impacts have been delineated. Soil impacts are minor or nonexistent based on FID results (Table 4-2). As shown in Figures 4-3 and 4-4, impacted ground water is areally restricted to the vicinity of the product dispensing line and island (well PSC-1) and hydraulically downgradient of the product dispensing line and island (well PSC-3). Ground water impacts detected are minor, consisting of trace levels of benzene and ethylbenzene at well PSC-1, and slightly elevated concentrations of MTBE at wells PSC-1 and PSC-3. The absence of analytes at wells PSC-2 and PSC-6 indicates that the downgradient extent of ground water impacts has been delineated. The absence of analytes at well PSC-4 indicates that the upgradient extent of ground water impacts has been delineated. As stated previously, the absence of analytes at deep well PSC-5 indicates that the vertical extent of ground water impacts is restricted to above 20 feet below grade (the screened interval of PSC-5 is 20 to 25 feet below grade). Given the apparent upward ground water flow potential at the site and the absence of impacts at well PSC-5, it is highly unlikely that the deeper zones of the surficial aquifer system and the underlying intermediate aquifer system and Upper Floridan Aquifer have been or will be affected by conditions associated with the site.

Overall, the observed distribution of impacts is consistent with the expected distribution of impacts, based on the location of the suspected source area. The fact that the observed soil and ground water impacts are very minor and restricted in areal and vertical extent indicates that the initial remedial action conducted in October 1987 (Section 1.2) was effective in removing the petroleum source area.

4.5 Migration of Gasoline Compounds in the Subsurface

In Section 4.1, an estimated ground water flow velocity of 30 to 44 feet per year was calculated for the surficial ground water. If advective flow were the only flow transport mechanism responsible for migration of gasoline compounds in ground water, then the ground water flow velocity and the migration rate of gasoline compounds in ground water would be approximately the same. However, because of the relatively low solubility and high affinity for adsorption to soil particles exhibited by gasoline compounds,

SECTION SIX
REFERENCES

Bouwer, H., and R.C. Rice. 1976. A slug test for determining hydraulic conductivity of unconfined aquifers with completely or partially penetrating wells: Water Resources Research 12(3): 423-428.

Florida Department of Environmental Regulation (FDER). 1989. Florida Ground Water Guidance Concentrations, February. Tallahassee: FDER.

Freeze, R.A., and J.A. Cherry. 1979. Groundwater. Englewood Cliffs, N.J.: Prentice-Hall, Inc.

Garrett, P., M. Moreau and J.D. Lowry. 1987. MTBE as a ground water contaminant, in Proceedings of Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection and Restoration, NWWA/API, November 12-14, 1986. Houston, Texas.

Healy, H.G. 1975. Terraces and Shorelines of Florida, United States Geological Survey, Map Series No. 71.

Menke, C.G., E.W. Meredith and W.S. Wetterhall. 1961. Water Resources of Hillsborough County, Florida Geological Survey, Report of Investigations No. 25.

Southwest Florida Water Management District (SWFWMD). 1988. Ground-Water Resource Availability Inventory: Hillsborough County, Florida. Brooksville: SWFWMD.

White, W.A. 1970. Geomorphology of the Florida Peninsula, Florida Bureau of Geology, Bulletin 51.

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Billets
please handle
PG

TAMPA ELECTRIC
A TECO ENERGY COMPANY

RECEIVED
DEC 4 1987
BUREAU OF
ENVIRONMENTAL RESTORATION

SEP 28 1987
ENFORCEMENT

Septembert 21, 1987

Dr. Richard Garrity, Ph.D.
Florida Department of
Environmental Regulation
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

Re: Discharge Notification Form Transmittal

Dear Dr. Garrity:

Enclosed is a Discharge Notification Form reporting the detection of petroleum odor in the soil under the dispenser island at a Tampa Electric Company facilitiy.

If you have any question, please call Elizabeth Jones at 228-4843.

Sincerely,

Jerry L. Williams

Jerry L. Williams
Director
Environmental

Enclosure

JLW/PEJ

D. E. R.
SEP 22 1987
DISTRICT

TAMPA ELECTRIC COMPANY
P.O. Box 111 Tampa, Florida 33601-0111 (813) 228-4111

An Equal Opportunity Company

Department of Environmental Regulation

Discharge Notification Form

Form 17-1.218(3)

SEP 28 1987

ENFORCEMENT

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

1. Results of tank testing which reveal a discharge within 3 working days of testing.
2. Discharges exceeding 100 gallons on pervious surfaces as described in Section 17-61.05(4)(b) within 3 working days of discovery.
3. Positive response of a detection device, monitoring well test of sample or laboratory report within 3 working days of discovery.

Mail to the DER District Office in your district.

PLEASE PRINT OR TYPE
Put "X" where answer is unknown. 295891

1. Facility Number: 298 624 793 2. Tank Number: 1 3. Date: 9/21/87

4. Facility Name: Production Service Center
Facility Operator: Tampa Electric Company
Facility Address: 6820 Tamiami Trail, North Ruskin, Florida 33570
Telephone Number: (813) 228-4836 County: Hillsborough
Mailing Address: P.O. Box 111, Tampa, Florida 33601

5. Date of test or discovery: 9/17/87 month/day/year

6. Method of initial discovery. (circle one only)
   A. Automatic detector in ground, monitoring well, or containment.
   B. NFPA 329 test (underground tanks only).
   C. Manual test of monitoring well(s).
   D. Emptying and inspection.
   E. Inventory control.
   F. Odor or visible signs at facility or in vicinity.
   G. Other: _____ (explain)

7. Estimated number of gallons lost: 1/8 gallon at each fill from dispenser during unknown length of time.

8. What part of the storage system is leaking? (circle all that apply) (A) Dispenser B. Pipe C. Fitting D. Tank E. Unknown

9. If a tank is leaking, circle the choices which describe the type.
   A. Aboveground
   B. Factory welded
   C. Field erected
   D. Underground
   E. Bare or asphalt-coated steel
   F. Fiberglass-clad steel
   G. Fiberglass
   H. Sacrificial anode type
   I. Impressed current type
   J. Double walled
   M. Other or Unknown _____ (explain)

10. Type of pollutant discharged. (circle one)
   A. Leaded Gasoline.
   (B) Unleaded gasoline.
   C. Gasohol or alcohol-enriched gasoline.
   E. Aviation fuel.
   Y. Other _____
   Z. Unknown _____ (explain)

11. Cause of leak. (circle all that apply)

	Piping	Tank	
A. Unknown	B. Split	G. Split	J. Installation failure
	C. Loose connection	H. Corrosion	P. Other Meter Gasket in Dispenser
	D. Other _____	I. Puncture	

RECEIVED SEP 28 1987 DER STORAGE TANK REGULATION

12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE, AND COMPLETE.

Jerry L. Williams
Name of Owner, Operator or Authorized Representative

Jerry L. Williams
Signature of Owner, Operator, or Authorized Representative

KEEP A COPY OF THIS FORM FOR YOUR RECORDS.

Site 12:
Publix Supermarket

3,1 e 12

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida 32399-2400
Division of Waste Management
Bureau of Petroleum Storage Systems

Storage Tank Facility Installation Site Inspection

Facility Information

Facility ID:	9809877	County:	HILLSBOROUGH	Inspection Date:	12/27/2007
Facility Name:	PUBLIX SUPER MARKET #1113			Facility Type:	C - Fuel user/Non-retail
	6434 US HWY 41 N			# Of Inspected ASTs:	1
	APOLLO BEACH, FL 33572			USTs:	0
Latitude:	27° 36' 12"			Mineral Acid Tanks:	0
Longitude:	84° 48' 44"				
L/L Method:	UNVR				

Inspection Result

Result : In Compliance

Description: Facility is in compliance

No re-inspection needed for this Facility.

Financial Responsibility

Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFICER

Insurance Carrier:

Effective Date: 03/01/2007 Expiration Date: 03/01/2008

Signatures

TKHLEP - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION
Storage Tank Program Office

(813) 627-2600
Storage Tank Program Office Phone Number

FRANK ARCURI
Inspector Name

SENT TO MICHAEL W HEWITT
Facility Representative Name

Inspector Signature

No signature available
Facility Representative Signature

System Tests

Test Name	Due Date	Completed Date	Result
To be completed			
Annual Operability Test	12/19/2008		
Completed Tests			
Annual Operability Test	12/19/2008	12/19/2007	Passed

Reviewed Records

Record Category	Record Type	From Date	To Date
Life Time	Written Release Detection Response Level Info	12/19/2007	12/19/2007
Two Years	Certificate of Financial Responsiblity	03/01/2007	03/01/2008

Inspection Comments

12/27/2007 TIN/FA- Met on site with Steve Halsey of Powersecure for the start-up inspection on 12-19-07.

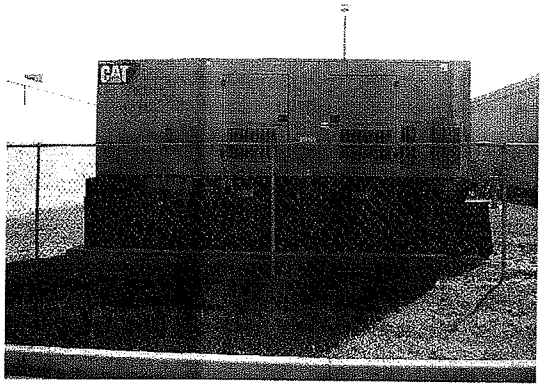
RELEASE DETECTION:
Visual inspection of the AST system components and electronic monitoring of the tank interstice. Facility uses a Madison Sensor (EQ 682) that ties into a control panel on site. A Rupture Basin alarm will flash, and a cellular alarm will be sent to Powersecure to investigate the alarm if one should occur. Additionally, according to Steve Halsey and Bill Collins of Powersecure, the Madison sensor will be manually tripped monthly to ensure release detection, as well as monthly visual inspections.

TANK:
- This site has (1) 1000 gallon, JRS Custom Fabrication, sub-based generator AST,
EQ 497. The tank/generator combination is located on a concrete pad, and is equipped with the following:
-Product labeling.
-Normal and emergency venting.
-Electrical grounding.
-Madison M700 High level fuel switch (EQ 682) as overfill protection.
-Morrison Brothers 518 AST Spill Bucket, (EQ 345)
-Rochester fuel level Sight Gauge also present as overfill protection.
-Flexible supply and return lines run vertical on the generator to the engine. This system does not produce a gravity head.
-Proper exterior coating (basin tank is painted black from the factory).
-Interstitial sensor tested for operability. Steve opened the panel and tripped the sensor. The control panel alarmed as designed.

RECORDS:
-Publix is self insured, effective 3-1-07. CFR submitted to EPC along with Self Insurance information.
-Storage Tank Registration form previously submitted, current placard not yet received.
-RDRL Filled out and sent to Publix with inspection report.
-Facility is required to perform monthly inspections of the tank alarm system and tank exterior area. These monthly inspections must be logged, and the period between monitoring periods cannot exceed 35 days.

Inspection Attachments

01. 2007, 12-19 TANK PHOTO



Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road. Tallahassee, Florida 32399-2400
Division of Waste Management
Bureau of Petroleum Storage Systems

Storage Tank Facility Annual Site Inspection Report

Facility Information

Facility ID:	9809877	County:	HILLSBOROUGH	Inspection Date:	08/11/2008
Facility Name:	PUBLIX SUPER MARKET #1113			Facility Type:	C - Fuel user/Non-retail
	6434 US HWY 41 N			# Of Inspected ASTs:	1
	APOLLO BEACH, FL 33572			USTs:	0
Latitude:	27° 46' 17.3831"			Mineral Acid Tanks:	0
Longitude:	82° 23' 33.0244"				
L/L Method:	DPHO				

Inspection Result

Result : Major Out of Compliance

Description: Facility is out of compliance

A re-inspection will be scheduled on or after 90 days to verify correction of the non-compliance items noted.

Financial Responsibility

Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFICER

Insurance Carrier:

Effective Date: 03/20/2008 Expiration Date: 03/20/2009

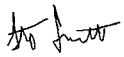
Signatures

TKHLEP - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION
Storage Tank Program Office

(813) 627-2600
Storage Tank Program Office Phone Number

STEVEN JARRETT
Inspector Name

Mailed to Michael Hewett, Publix Super Markets Inc
Facility Representative Name


Inspector Signature

No signature available
Facility Representative Signature

System Tests

Type	Date Completed	Results	Reviewed	Next Due Date
To be completed				
Annual Operability Test			12/27/2007	12/19/2008
Completed Tests				
Annual Operability Test	12/19/2007	Passed	12/27/2007	12/19/2008

Reviewed Records

Record Category	Record Type	From Date	To Date
Two Years	Electronic Release Detection Equip. Monthly Checks	02/08/2008	07/09/2008
Two Years	Certificate of Financial Responsiblity	03/20/2008	03/20/2009
Two Years	Monthly Maint. Visual Examinations and Results	02/08/2008	07/09/2008
Life Time	Written Release Detection Response Level Info	08/11/2008	08/11/2008

New Violations

Significance Name: Minor

Rule Number(s): 62-762.601(1)(e)

Violation Text: Visible storage tank system components and continuous electronic leak detection not inspected monthly.

Explanation: A monthly release detection inspection was not performed for 01/2008 and (1) monthly release detection inspection was performed greater than 35 days apart (02/08/2008 to 03/17/2008).

Corrective Action: Monthly release detection inspections must be performed once a month but not greater than 35 days apart. The next monthly release detection inspection record (08/2008) must be submitted to EPC.

Significance Name: SNC-B

Rule Number(s): 62-762.601(1)(d)

Violation Text: Release detection not performed at least once a month.

Explanation: A monthly release detection inspection was not performed for 01/2008 and (1) monthly release detection inspection was performed greater than 35 days apart (02/08/2008 to 03/17/2008).

Corrective Action: Monthly release detection inspections must be performed once a month but not greater than 35 days apart. The next monthly release detection inspection record (08/2008) must be submitted to EPC.

Inspection Comments

08/11/2008 08/11/2008, 14:37 hrs, SJ/Final - Met with Jill Hicks, Assistant Customer Service Manager, Publix Super Market # 1113 for the Annual Compliance Inspection

Release Detection:

- Visual inspection of tank system and components;
- Electronic monitoring of tank interstice;

- Quick Panel Alarm Panel checked at NexGear generator control unit - no alarms noted;
- Tank Interstitial Alarm labeled as Rupture Basin Alarm;
- Madison M8700 Interstitial Sensor (EQ #682);

Tank:

(1) 1,000-gallon, JRS Custom Fabrication, double-walled, sub-based generator (Caterpillar Generator) AST (EQ #497). Tank is equipped with:
- Product label;
- Normal and emergency venting;
- Overfill protection - Madison M8700 high level fuel switch (EQ #682); high fuel level set at 90% per file.
  - Also equipped with a Rochester fuel level sight gauge (visible from fill port).
- Top mounted fill with Morrison Brothers 518 AST Spill Bucket (EQ #345) - dry and intact;
- Tank exterior coating in good condition;
- Electrical grounding wire;
- Supply and return lines are flexible rubber hoses connected directly to generator and tank.

Inspection Comments

- Manual & anti-siphon valves are not required as the Emergency Generator rests on top of the tank and therefore, does not produce a gravity head.
No obvious signs of leakage noted.

Note: natural gas line has been connected to the sub-based generator. Per file, the generator system can run on a mixture of natural gas and diesel fuel.

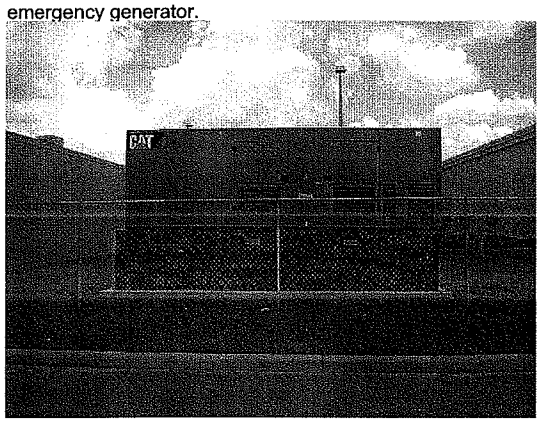
Records:

- Current Storage Tank Registration Placard present - (1) tank;
- Financial Responsibility: Self insured, letter from Chief Financial Officer dated 03/20/2008 present.
- Certification of Financial Responsibility Form present, complete and accurate;
- Written Release Detection Response Level (RDRL) present, complete and accurate;
- Monthly release detection monitoring records reviewed: 02/08/2008 to 07/09/2008; a monthly release detection inspection was not performed for 01/2008 and (1) monthly release detection inspection was performed greater than 35 days apart (02/08/2008 to 03/17/2008). Monthly release detection inspections must be performed once a month but not greater than 35 days apart. The next monthly release detection inspection record (08/2008) must be submitted to EPC. Records include:
 - Visual inspection of tank system and components;
 - Alarm Panel Status;
No issues noted;

- Operability Test of the Madison M8700 Interstitial Sensor (EQ #682) performed on 12/19/2007 by PowerSecure, Steve Halsey; next Annual Operability Test due 12/19/2008.

Inspection Attachments

01. 2008-08-11 Facility sub-based emergency generator.



Site 13:
Touch of Class Dry Cleaners/
Apollo Beach Cleaners

Site 13

Site Screening Report Form

Please Print or Type (See Site Screening Guidance Manual for instructions)
COMPLETE ENTIRE FORM

DEP Form: 62-781.900(3)
Form Title: Site Screening Report Form
Effective Date: March 13, 1996
DEP Application No.:
(FDEP Use Only)

Instructions and definitions that are necessary for completing this form can be obtained from the Site Screening Report Guidance Manual. Information provided on this form shall be in accordance with the directions and provisions of the Site Screening Guidance Manual.

1. Facility Identification

a. Facility Name: Touch of Class Cleaners

b. Facility Address: Touch of Class Cleaners & Ldy, Inc.
6402 US Highway 41 S
Apollo Beach, FL 33572

c. Facility Identification Number (if assigned): 9500418

2. Fire or Explosion Hazard:

If a fire or explosion hazard existed at the site, then provide the date that the hazard was reported to the State Warning Point and the local fire department:

No fire or explosion hazard detected. This facility uses only tetrachloroethene.

NOTE: DO NOT USE THIS SITE SCREENING REPORT FORM TO REPORT A FIRE OR EXPLOSION HAZARD TO THE DEPARTMENT. If the fire or explosion hazard has not been reported to the State Warning Point at 1-904-413-9911 and the local fire department, then immediately notify these authorities.

3. Documentation of Contamination:

a. Laboratory used to analyze sample:

Progress Environmental Laboratories CompQAP No.900306G

b. Methodology used: EPA Modified 8010

c. Sample Media: √ Soil ☐ Groundwater

d. Sample Analysis Results (report highest concentration only):

Sample location	Depth of sample (feet below land surface)	Drycleaning Solvent or breakdown product detected	Concentration (units):
(Boring No. 1 south of dry cleaner unit)	2 feet	Tetrachloroethene	.70 mg/kg

4. Site Location:
Indicate the latitude and longitude coordinates of the site (accurate to 0.005 minutes):

27° 46' 15" N

82° 23' 45" W

Method used for determination: √☐ Quad Map ☐ Differential GPS

5. Well Survey Information:
Provide the following information concerning a drinking water well located within 1 mile of the site, as specified in the site screening guidance manual:

If no drinking water wells exist within 1 mile of the site, check here: ___ ____

a. Name, address, permit number and lat/long of the drinking water well:

West Coast Regional Water Supply Authority

2535 Landmark Dr. Suite 211, Clearwater, FL 34621

Permit Number: - WUP# 204352

27° 46' 10" N

82° 23' 38" W

b. Indicate if the well is contaminated:
☐ YES √☐ NO

c. Indicate the proximity of the well to the site. (select only one):
☐ Within 500 feet ☐ Within 1/2 mile
√☐ Within 1/4 mile ☐ Within 1 mile

d. Indicate the type of drinking water well (select only one):
☐ Private Drinking Water Well
If Private Drinking Water Well, then indicate the date the well was constructed, if known:___/___/___
√☐ Public Water Supply Well

e. Indicate the permitted capacity of the well (select only one):

- ☐ Less than 100,000 gallons per day
- √☐ More than 100,000 gallons per day but less than 1 million gallons per day
- ☐ More than 1 million gallons per day

f. Indicate the completed interval of the well, if available:

140'-315'

g. Indicate the aquifer in which the well is completed:

☐	Biscayne	☐	Intermediate (non-Floridan)
√☐	Floridan	☐	Sand and gravel
☐	Other _____	☐	Surficial

6. Contaminant Characteristics

Based on analytical data meeting the requirements in Section 3 of the Site Screening Report Guidance Manual:

a. Has contamination from chlorinated drycleaning solvents been detected at the site during this screening or previous assessment activities?

√☐ YES ☐ NO

b. If YES, indicate the sample matrix and the highest concentration of chlorinated solvents detected (attach supporting documentation).

Matrix	Concentration	
√☐ Soil	.70 Tetrachloroethene	milligrams/kilogram
☐ Groundwater	_____	micrograms/liter

7. Environmental Setting

Indicate if the following features are located within the given proximity of the site.

a. A surface water body, used as a public water supply system, is located within 1/2 mile of the site?

☐ YES √☐ NO

If YES, then indicate the name and location of the surface water body supply system:

_____

b. Is there a surface water body that has been designated as an Outstanding Florida Water Body located within 1/2 mile of the site?

☐ YES ☑ NO

If YES, then indicate the name and location of the water body:

_____

_____

c. Is an area of Critical State Concern located within 1/2 mile of the site?

☐ YES ☑ NO

If YES, then indicate the area of Critical State Concern:

☐ Big Cypress Swamp ☐ Green Swamp

☐ Florida Keys

d. Is a surface water body located within 1/4 mile of the site?

☑ YES ☐ NO

If YES, then indicate the name and location of the closest water body within 1/4 mile of the site:

Unnamed retention pond west of site

_____

8. Probable Source of Contamination:

Check all that apply:

a. Leak or spill from:

☐ Solvent or waste solvent storage container

☑ Machines or stills

b. Discharge or spill to:

☐ Septic tank

☐ Sewage line

☐ Dry well

☑ Directly to ground

☐ Directly to other surface that has not been rendered impervious to drycleaning solvents

c. ☐ Spill during solvent transfer

d. ☐ Other (explain)

_____

9. **Professional Certification (Professional Geologist or Professional Engineer registered in the State of Florida)**

I hereby certify that the data and findings of this screening report were conducted in accordance with the Site Screening Report Guidance Manual, are accurate and true to the best of my knowledge and were prepared by me or under my direct supervision.

(Seal)

Signature

10/13/16
Date

Total Environmental, Inc.
Company

930289G
CompQAP Number

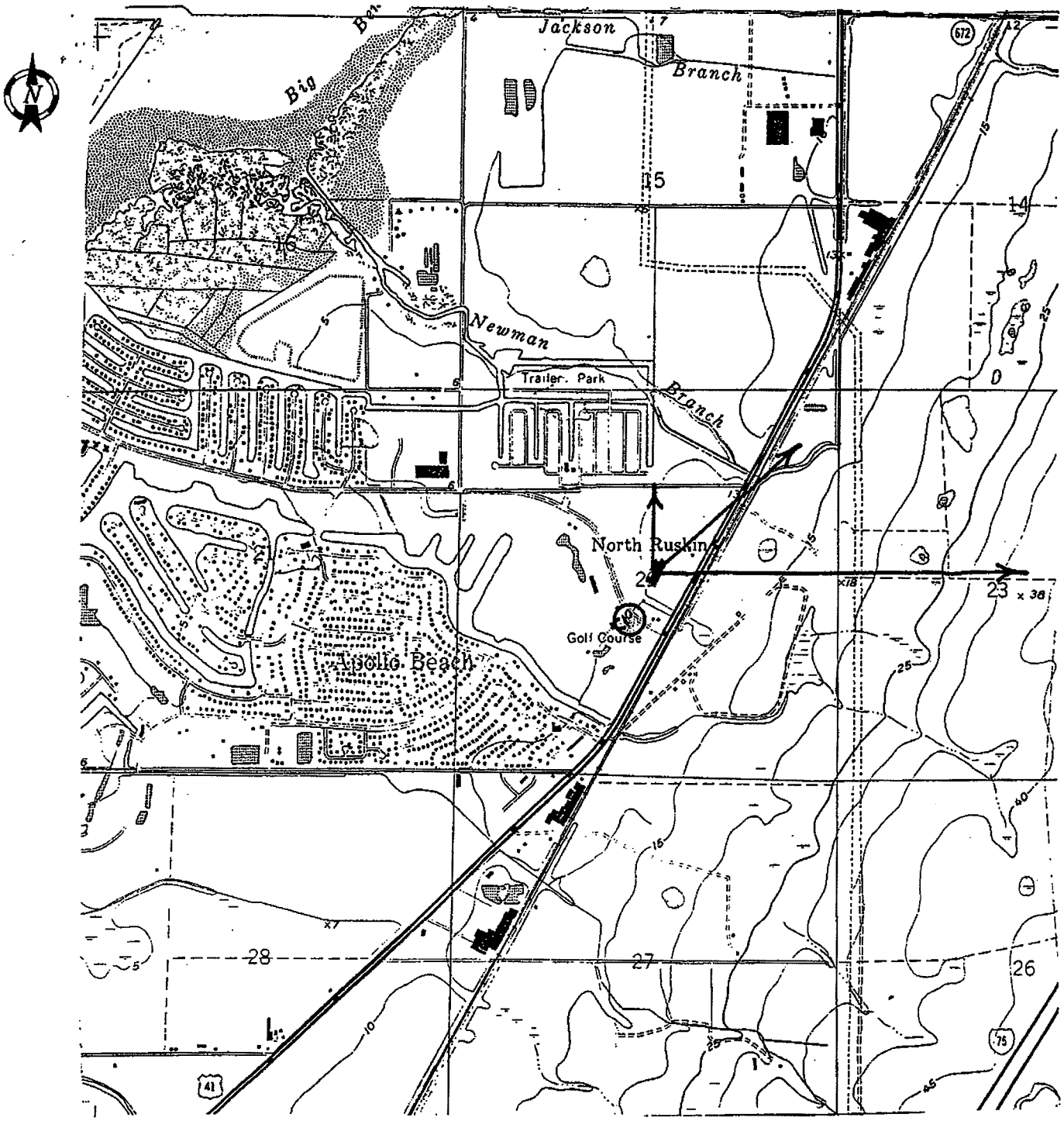
10. **Attachments to the Site Screening Report Form:**

a. √☐ Area map

b. √☐ Site map

c. √☐ Supporting analytical soil and/or groundwater data

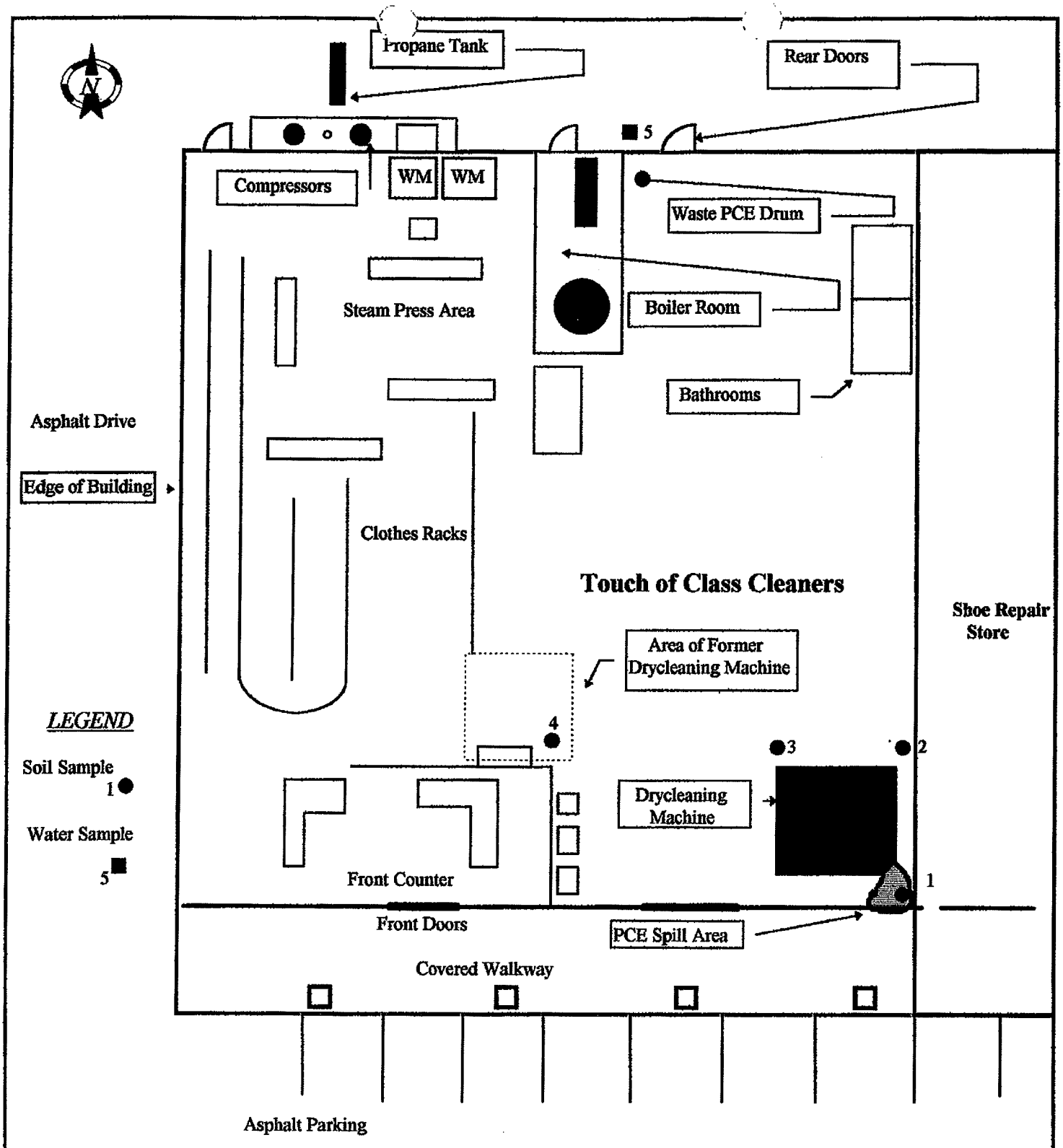
Note: The Site Screening Report Form is one component of the Application Package. In order for the Application Package to be deemed complete, the Site Screening Report Form must accompany a complete Application Form and any Notice Letter for Joint Application Form(s), if applicable.



LEGEND

○ West Coast Regional Water Supply Authority Public Supply Well - WUP # 204352 (SWFWMD ID# 66)

ATTACHMENT 10a - AREA MAP NOTE 1, 1/2, AND 1/4 MILE RADII SCALE: 1" = 2000 FT.	SITE NAME: Touch of Class Cleaners ADDRESS: 6402 US Highway N. CITY: Apollo Beach, COUNTY: Hillsborough	SITE CENTERED ON MAP LATITUDE 27Deg 46 Min 15 Sec N LONGITUDE 82 Deg 23 Min 45 Sec W USGS 7.5 TOPO QUAD NAME: Gibsonton



ATTACHMENT 10b - SITE MAP SCALE: 1" = 10 FT.	SITE NAME: Touch of Class Cleaners ADDRESS: 6402 US Highway N. CITY: Apollo Beach COUNTY: Hillsborough	SITE CENTERED ON MAP LATITUDE 27Deg 46 Min 15 Sec N LONGITUDE 82 Deg 23 Min 45 Sec W MAP IS NOT FOR SURVEY PURPOSES

Site 14:
CVS Pharmacy/Former Chevron

Site 14

SUNSTATE
REMEDIATION SERVICES, LLC

RECEIVED
JUN 16 2008
EPC Waste Management Division

June 12, 2008

Mr. Harold D. Koechlein, P.G.
Senior Hydrologist
Hillsborough County Environmental Protection Commission
3629 Queen Palm Drive
Tampa, Florida 33619

RE: SUPPLEMENTAL SITE ASSESSMENT
CVS-Former Chevron Apollo Beach
6202 US Highway 41 North
Apollo Beach, Hillsborough County, Florida
FDEP FAC ID #298625299

Dear Mr. Koechlein:

Sunstate Remediation Services, LLC (Sunstate) is pleased to provide this Supplemental Site Assessment (SSA) as per your correspondence dated February 21, 2008 (Attachment A).

Site History

A Chevron gasoline station originally occupied the site in 1971. The original underground storage tank (UST) system, consisting of three 10,000 gallon unleaded gasoline and one 550 gallon waste oil USTs, were removed in 1985 and replaced with three fiberglass USTs. The USTs were located along the northeast portion of the site and the pump islands were located along the east-central portion of the site (Figure 1). The site was deemed eligible for state-administered cleanup under the Early Detection Incentive (EDI) Program on April 5, 1990, in response to a release of an unknown quantity of petroleum hydrocarbons reported on July 7, 1988. Environmental Science & Engineering (ESE) submitted a Limited Contamination Assessment Report (LCAR) and Addendum to the Florida Department of Environmental Protection (FDEP) on August 7, 2992 and February 16, 1993, respectively, with a request for No Further Action (NFA). A NFA status was subsequently approved by the FDEP for the EDI discharge on January 7, 1994.

A second release was reported at the site on December 25, 1999 from the UST/delivery system. The site was approved for coverage under the Florida Petroleum Liability Restoration and Insurance Program (FPLRIP) on November 23, 1999. Handex submitted a Limited Site Assessment Report (LSAR) to the FDEP on June 28, 2000, which identified groundwater contamination in the UST area. Handex conducted a 48-hour groundwater and vapor extraction overpurge event using compliance wells CW-1 and CW-4, and recovery wells RW-1 and RW-2 on January 9 through 11, 2001. Groundwater samples collected on January 18, 2001 revealed

than those recorded on April 7, 2006. Groundwater flow was generally to the north across the site at an average hydraulic gradient of 0.001 feet/feet (Figure 3).

Groundwater Quality

Groundwater samples were collected from monitoring wells MW-5 and MW-6 on April 30, 2008, in accordance with FDEP SOP 001/01, FS 2200. The samples were preserved on ice and delivered to Phoslab Environmental Services, Inc. (Phoslab) in Lakeland, Florida (FDOH ID #E84925) for analysis of the kerosene analytical group by EPA Methods 8021B (VOAs+VOHs), 610 by HPLC (PAHs), 6010B (lead) and 504.1 (EDB), and by the FL-PRO Method (TRPH). The groundwater laboratory analytical report and sampling logs are contained in Attachment C. The groundwater analytical results were below detection limits for all parameters (Tables 2a and 2b; Figure 4).

Conclusions and Recommendations

Sunstate conducted a Supplemental Site Assessment at the subject site to determine the potential extent of groundwater contamination from the former Chevron gasoline station (see Figure 1). DTW ranged from 3.58 to 4.24 feet below top of casing in MW-6 and SW, respectively, with the resulting groundwater elevations being approximately 1.4 feet higher than those recorded on April 7, 2006 (see Table 1). Groundwater flow was to the north at an average hydraulic gradient of 0.001 feet/feet (see Figure 3). Groundwater samples collected from MW-5 and MW-6 for analysis of the kerosene analytical group were below detection limits for all parameters (see Tables 2a and 2b; Figure 4).

Sunstate recommends an NFA status be issued for this site since the Chapter 62-777, Table I, NFA GCTLs have been met in monitoring wells NE and SW from the April 7, 2006 sampling event, and in MW-5 and MW-6 from the April 30, 2008 sampling event. Upon approval of the NFA status, Sunstate will supervise the abandonment of all monitoring wells by a licensed Florida driller as per Chapter 62-532.500(4), Florida Administrative Code. Sunstate will then submit a well abandonment report to the EPC documenting the well abandonment activities.

Should you have any questions or require additional information, please do not hesitate to contact me at (863) 644-8118, extensions 239.

Sincerely,

Jack E. Kilpatrick
Vice President

Cc: Mr. Albert K. Leach, Jr. – Leach and Associates, Inc.

benzene concentrations in RW-1 and RW-2 and MTBE concentrations in CW-1, RW-1 and RW-2 in excess of Chapter 62-777, NFA Groundwater Contaminant Target Levels (GCTLs). The Hillsborough County Environmental Protection Commission (EPC) recommended the excavation of residual vadose-zone contaminated soil during the proposed UST removal in correspondence dated March 13, 2001. The UST/delivery system was removed from the site in March 2001. Contaminated soil was not identified during the removal activities; however, groundwater contamination was identified based on a sample collected from the UST pit on March 21, 2001. The EPC approved quarterly groundwater monitoring at the site via correspondence dated May 8, 2001. Funding for further assessment/cleanup was discontinued in 2002 since the site was scored a 30.

Sunstate conducted a Phase II Environmental Site Assessment (ESA) at the site on April 7, 2006. Groundwater samples were collected from two existing monitoring wells (NE and SW) and one temporary monitoring well (TW-1) located in the former pump island area (Figure 2). The laboratory analytical results were below method detection limits for all parameters. The Phase II ESA was forwarded to the EPC on January 10, 2008 with a recommendation for additional assessment in the former UST area.

Monitoring Well Installation

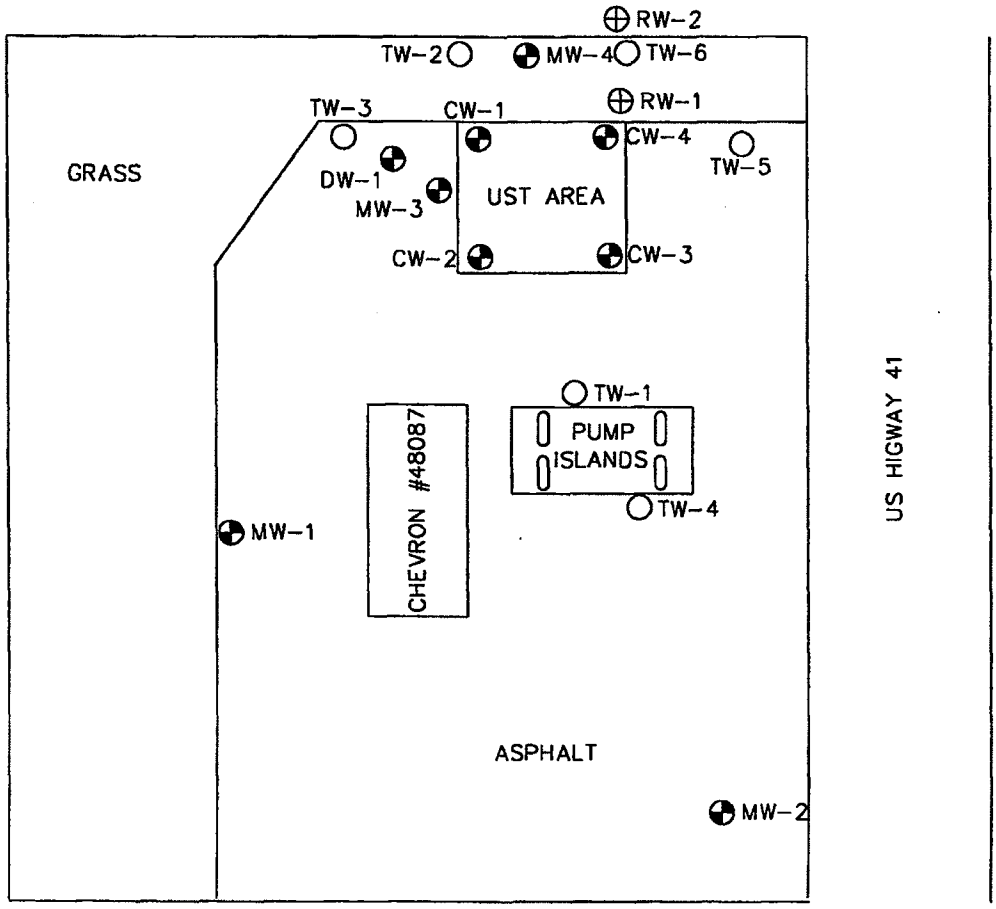
Sunstate mobilized to the site on April 22, 2008 and supervised Tom Burke Services, Inc. during the installation of shallow monitoring wells MW-5 and MW-6 (see Figure 1). The wells were constructed to a depth of 12 feet below land surface (BLS) with 2 feet of 2-inch-diameter PVC well casing and 10 feet of 0.010-inch slotted PVC screen. The wells were installed flush with the ground surface and completed with a locking well cap and 8-inch-diameter steel manhole set in a 2-foot x 2-foot concrete pad, in accordance with FDEP and Southwest Florida Water Management District guidelines. The monitoring wells were developed with a submersible pump until sediment free. The monitoring well boring logs, well construction and development logs, and well completion report are included in Attachment B.

Soil samples were collected at 2-foot intervals during the installation of monitoring wells MW-5 and MW-6 and field-screened with a Foxboro, Model 138 Organic Vapor Analyzer (OVA). A maximum net OVA reading of 20 ppm was recorded at 4 feet below land surface (see Attachment B). All drill cuttings were landfarmed on-site since the OVA responses were less than 20 ppm.

Groundwater Elevations

Depth to water (DTW) measurements were recorded with an oil/water interface probe from monitoring wells NE, SW, MW-5 and MW-6 prior to purging and sampling activities on April 30, 2008. DTW ranged from 3.58 to 4.24 feet below top of casing in MW-6 and SW, respectively (Table 1). The resulting groundwater elevations were approximately 1.4 feet higher

FIGURES



LEGEND

- MONITORING WELL
- TEMPORARY WELL
- RECOVERY WELL

SCALE

0 40 80

FEET

SOURCE: HANDEX

DRWG: LEACH04M1sp

CVS-FORMER CHEVRON APOLLO BEACH
6202 US HIGHWAY 41 NORTH
APOLLO BEACH, FLORIDA
FDEP FACILITY ID #298625299

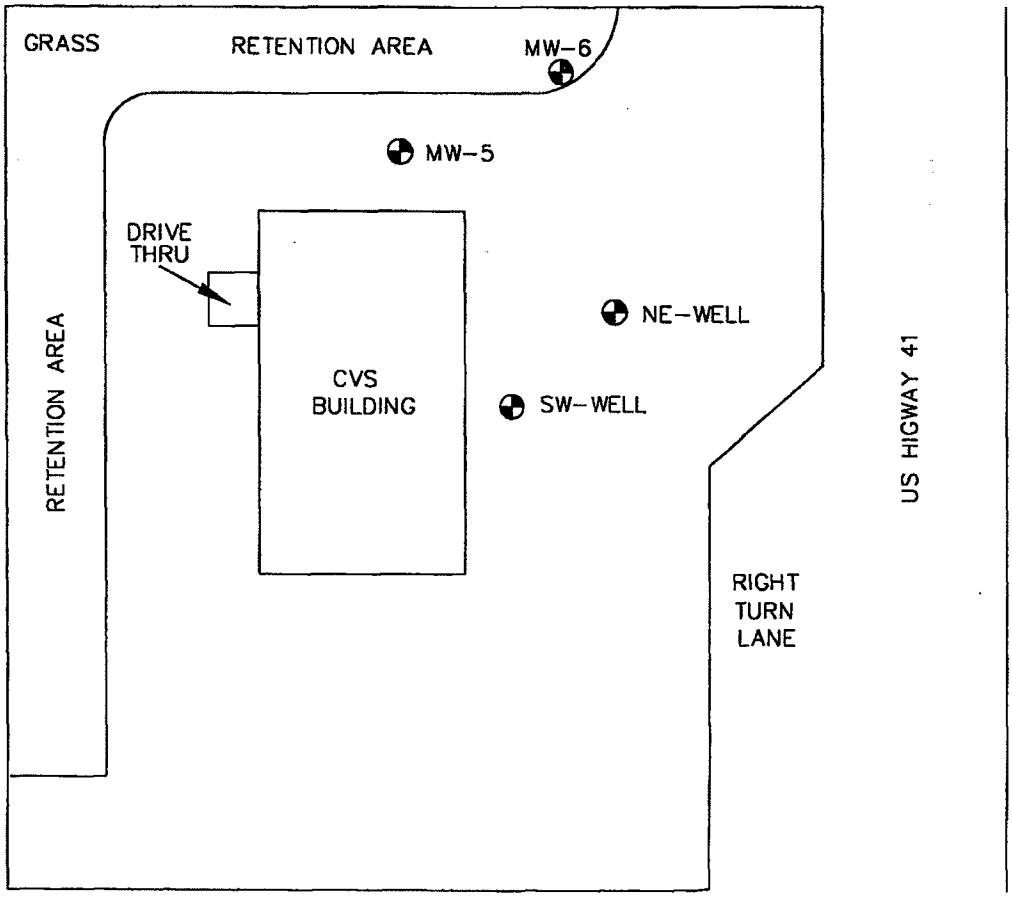
FORMER SITE PLAN

SUNSTATE REMEDIATION SERVICES, LLC.
CA# 26180

Drafted: 04/14/06
Revised: 06/12/08

PROJECT No. LEACH04 M2

FIGURE 1



N

SCALE

0 40 80

FEET

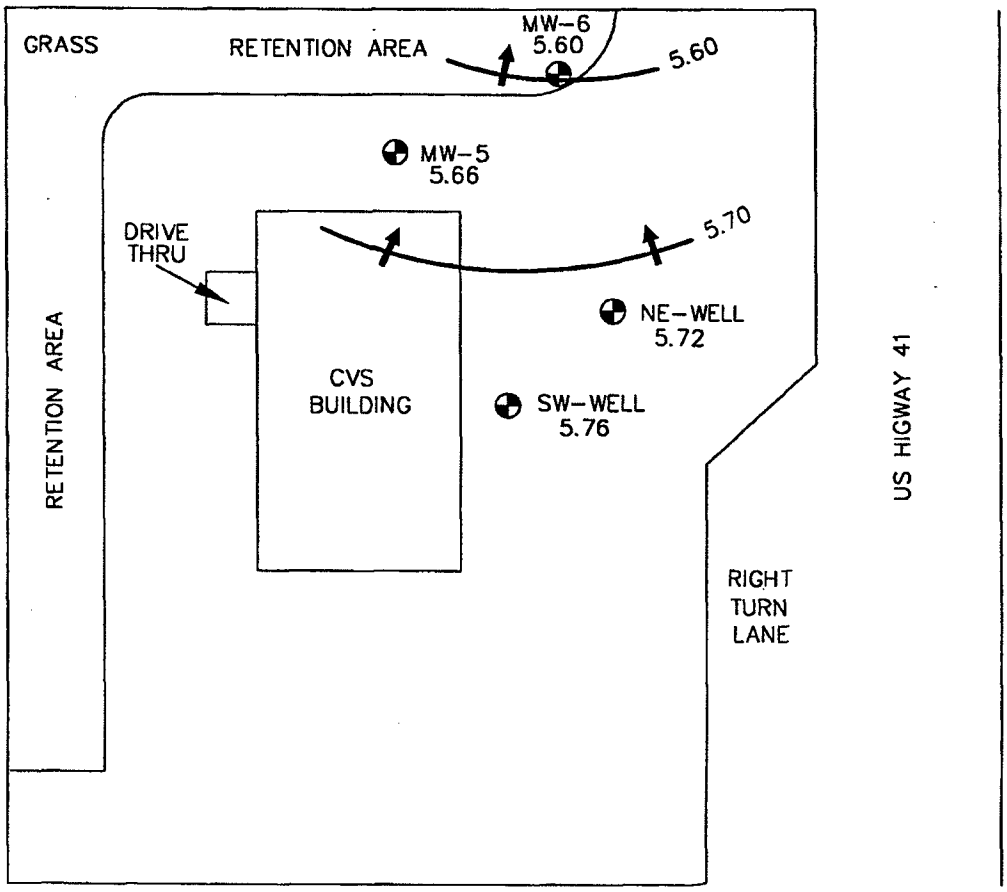
LEGEND

MONITORING WELL

NOTE: THIS IS NOT A CERTIFIED SURVEY

DRWG: LEACH04M1sp

CVS-FORMER CHEVRON APOLLO BEACH 6202 US HIGHWAY 41 NORTH APOLLO BEACH, FLORIDA FDEP FACILITY ID #298625299			CURRENT SITE PLAN
CA# 26180	SUNSTATE REMEDIATION SERVICES, LLC.	Drafted: 04/14/06 Revised: 06/12/08	PROJECT No. LEACH04 M2 / FIGURE 2



LEGEND

- MONITORING WELL
- 5.70 GROUNDWATER CONTOUR
- GROUNDWATER FLOW

SCALE

0 40 80

FEET

DRWG: LEACH04M1sp

NOTE: THIS IS NOT A CERTIFIED SURVEY

CVS-FORMER CHEVRON APOLLO BEACH
6202 US HIGHWAY 41 NORTH
APOLLO BEACH, FLORIDA
FDEP FACILITY ID #298625299

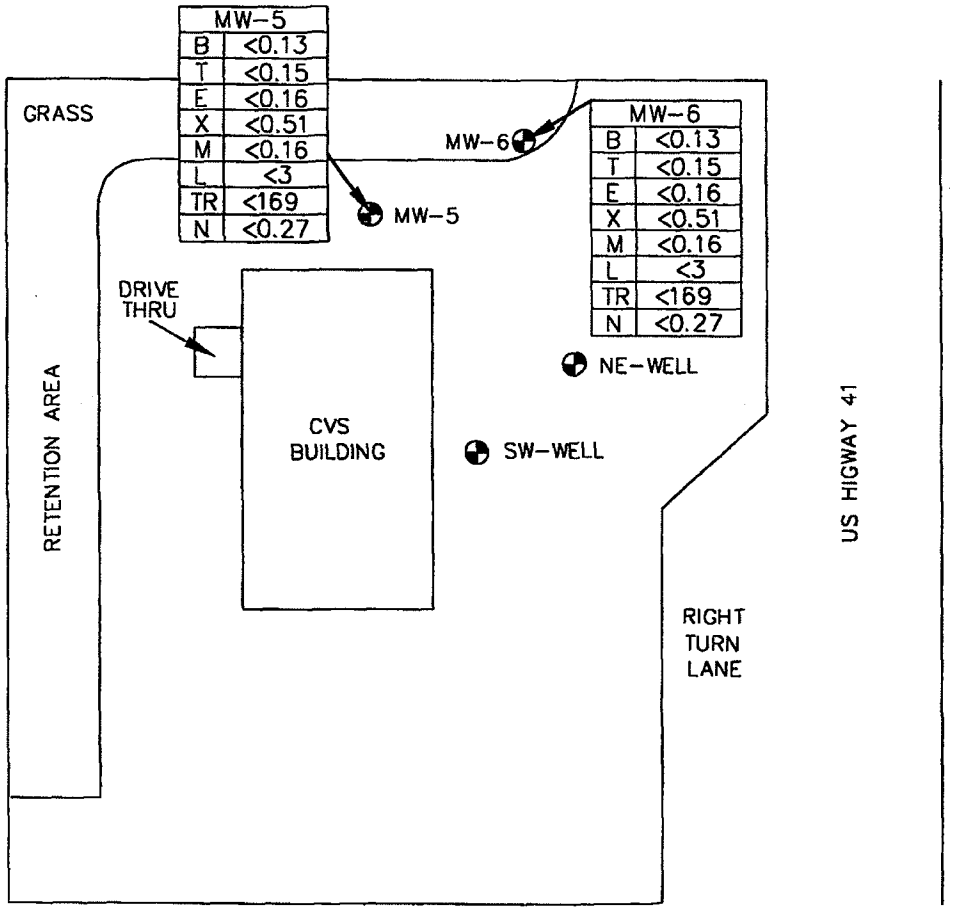
GROUNDWATER ELEVATIONS
(APRIL 30, 2008)

SUNSTATE REMEDIATION SERVICES, LLC.
CA# 26180

Drafted: 04/14/06
Revised: 06/12/08

PROJECT No. LEACH04 M2

FIGURE 3



LEGEND

MONITORING WELL

WELL ID.	
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
M	MTBE
L	LEAD
TR	TRPH
N	NAPHTHALENE

ALL CONCENTRATIONS IN ug/L

SCALE

0 40 80

FEET

NOTE: THIS IS NOT A CERTIFIED SURVEY

DRWG: LEACH04M1sp

CVS-FORMER CHEVRON APOLLO BEACH
6202 US HIGHWAY 41 NORTH
APOLLO BEACH, FLORIDA
FDEP FACILITY ID #298625299

SUNSTATE REMEDIATION SERVICES, LLC.
CA# 26180

Drafted: 04/14/06
Revised: 06/12/08

GROUNDWATER QUALITY
(APRIL 30, 2008)

PROJECT No. LEACH04 M2

FIGURE 4

TABLES

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: CVS-Former Chevron Apollo Beach **FDEP FAC ID:** 298625299

Well Number	CW-1			CW-2			CW-3			CW-4			MW-1		
Well Diameter (in.)	4			4			4			4			2		
Well Depth (ft.)	12			12			12			12			12		
Screen Interval (ft.)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC Elevation (ft. AMSL)	50.75			50.80			50.39			50.03			49.65		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
1/27/92	46.42	4.33	0.00	46.42	4.38	0.00	46.44	3.95	0.00	45.90	4.13	0.00	46.40	3.25	0.00
10/26/99	46.98	3.77	0.00	47.00	3.80	0.00	46.83	3.56	0.00	46.62	3.41	0.00	Destroyed		
6/8/00	44.66	6.09	0.00	44.68	6.12	0.00	44.52	5.87	0.00	44.22	5.81	0.00			
1/18/01	45.49	5.26	0.00	45.50	5.30	0.00	45.41	4.98	0.00	45.13	4.90	0.00			
4/7/06	Destroyed			Destroyed			Destroyed			Destroyed					

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: CVS-Former Chevron Apollo Beach **FDEP FAC ID:** 298625299

Well Number	MW-2			MW-3			MW-4			DW-1			RW-1		
Well Diameter (in.)	2			2			2			2			4		
Well Depth (ft.)	12			12			12			35			12		
Screen Interval (ft.)	2 - 12			2 - 12			2 - 12			28 - 35			2-12		
TOC Elevation (ft. AMSL)	49.25			50.98			50.03			--			--		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
1/27/92	46.77	2.48	0.00	46.33	4.65	0.00	46.33	3.70	0.00						
10/26/99	Destroyed			Destroyed			Destroyed								
6/20/00											8.96	0.00			
1/18/01														4.96	
4/7/06										Destroyed			Destroyed		

TABLE 1: GROUNDWATER ELEVATION SUMMARY

Facility Name: CVS-Former Chevron Apollo Beach **FDEP FAC ID:** 298625299

Well Number	RW-2			NE			SW			MW-5			MW-6		
Well Diameter (in.)	4			2			2			2			2		
Well Depth (ft.)	12			12			12			12			12		
Screen Interval (ft.)	2 - 12			2 - 12			2 - 12			2 - 12			2 - 12		
TOC Elevation (ft. AMSL)	--			9.61			10.00			9.50			9.18		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
1/18/01		4.27													
4/7/06	Destroyed			4.22	5.39	0.00	4.41	5.59	0.00						
4/30/08				5.72	3.89	0.00	5.76	4.24	0.00	5.66	3.84	0.00	5.60	3.58	0.00

TABLE 2a: GROUNDWATER ANALYTICAL SUMMARY (VOAs, LEAD, EDB AND TRPH)

Facility Name: CVS-Former Chevron Apollo Beach **FDEP FAC ID:** 298625299

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Lead	EDB	TRPH
CW-1 (NW)	10/21/88	***660***	31	72	***390***	NA	NA	NA	NA
	12/11/95	**9**	3	**<1**	4	***3200***	NA	NA	NA
	10/26/99	**57.1**	2.66	**70.9**	**22.79**	**30.9**	NA	NA	NA
	6/8/00	**23.9**	1.07	1.13	9.05	**136**	NA	NA	NA
	1/18/01	<1	<1	<1	<2	**140**	NA	NA	NA
CW-2 (SW)	10/21/88	**44**	5	2	5	NA	NA	NA	NA
	10/26/99	**9.98**	<1	<1	<2	3.51	NA	NA	NA
	6/8/00	<1	<1	<1	<2	19.1	NA	NA	NA
	1/18/01	<1	<1	<1	<2	12	NA	NA	NA
CW-3 (SE)	10/21/88	**9**	<1	<1	1	NA	NA	NA	NA
	10/26/99	**28.1**	1.33	<1	<2	14.3	NA	NA	NA
	6/8/00	<1	<1	<1	<2	6.68	NA	NA	NA
	1/18/01	<1	<1	<1	<2	3.3	NA	NA	NA
CW-4 (NE)	10/21/88	**30**	6	9	5	NA	NA	NA	NA
	10/26/99	**10**	1	<1	1	***234***	NA	NA	NA
	6/8/00	**3.6**	<1	<1	4.56	**54.8**	NA	NA	NA
	1/18/01	<1	<1	<1	<2	4.6	NA	NA	NA
MW-1	7/10/92	NA	NA	NA	NA	NA	NA	NA	<200
MW-2	7/10/92	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-3	7/10/92	<0.5	<0.5	<0.5	<0.5	7.3	NA	NA	NA
MW-4	7/10/92	<0.5	<0.5	<0.5	<0.5	1.8	NA	NA	NA
DW-1	6/20/00	<1	<1	<1	<2	<1	NA	NA	NA

TABLE 2a: GROUNDWATER ANALYTICAL SUMMARY (VOAs, LEAD, EDB AND TRPH)

Facility Name: CVS-Former Chevron Apollo Beach **FDEP FAC ID:** 298625299

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Lead	EDB	TRPH
RW-1	1/18/01	**1.4**	<1	<1	<2	**34**	NA	NA	NA
RW-2	1/18/01	**32**	<1	<1	3.6	**31**	NA	NA	NA
TW-1	6/8/00	<1	<2	<2	<2	**22.8**	NA	NA	NA
TW-2	6/8/00	<1	<2	<2	<2	7.75	NA	NA	NA
TW-3	6/8/00	<1	<2	<2	<2	3.75	NA	NA	NA
TW-4	6/20/00	<1	<2	<2	<2	**28.1**	NA	NA	NA
TW-5	6/20/00	<1	<2	<2	<2	2.3	NA	NA	NA
TW-6	6/20/00	***258***	1.6	9	**85.5**	**22.2**	NA	NA	NA
PIT	3/21/01	<1	<1	<1	<2	35	NA	NA	NA
NE	4/7/06	<1	<2	<2	<3	<3	<3	<3	<10
SW	4/7/06	<1	<2	<2	<3	<3	<3	<3	<10
TW-7	4/7/06	<1	<2	<2	<3	<3	<3	<3	<10
MW-5	4/30/08	<0.13	<0.15	<0.16	<0.51	<0.16	<3	<0.0053	<169
MW-6	4/30/08	<0.13	<0.15	<0.16	<0.51	<0.16	<3	<0.0053	<169
Ch. 62-777 NFA GCTLs		**1**	**40**	**30**	**20**	**20**	**15**	**0.02**	**5000**
Ch. 62-777 NA GCTLs		***100***	***400***	***300***	***200***	***200***	***150***	**--**	***50000***

All results reported in ug/L

NA = Not analyzed

Bold concentrations indicate an exceedance of the Chapter 62-777 No Further Action (NFA) GCTL

Bold and italics concentrations indicate an exceedance of the Chapter 62-777 Natural Attenuation (NA) GCTL

Current sampling results

TABLE 2b: GROUNDWATER ANALYTICAL SUMMARY (PAHs)

Facility Name: CVS-Former Chevron Apollo Beach

FDEP FAC ID: 298625299

Well ID	Sample Date	Pyrene	Benzo(a) anthracene	Chrysene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Dibenz(a,h) anthracene	Benzo(g,h,I) perylene	Indeno(1,2,3-cd)pyrene
CW-1 (NW)	10/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/18/01	<1	<0.2	<1	<0.1	<0.1	<0.2	<0.2	<1	<0.1
CW-2 (SW)	10/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/18/01	<1	<0.2	<1	<0.1	<0.1	<0.2	<0.2	<1	<0.1
CW-3 (SE)	10/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/18/01	<1	<0.2	<1	<0.1	<0.1	<0.2	<0.2	<1	<0.1
CW-4 (NE)	10/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/18/01	<1	<0.2	<1	**0.16**	0.12	0.22	<0.2	<1	<0.1
MW-1	7/10/92	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	7/10/92	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	7/10/92	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	7/10/92	NA	NA	NA	NA	NA	NA	NA	NA	NA
DW-1	6/20/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-1	1/18/01	<1	<0.2	<1	<0.1	<0.1	<0.2	<0.2	<1	<0.1

TABLE 2b: GROUNDWATER ANALYTICAL SUMMARY (PAHs)

Facility Name: CVS-Former Chevron Apollo Beach FDEP FAC ID: 298625299

Well ID	Sample Date	Pyrene	Benzo(a) anthracene	Chrysene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Dibenz(a,h) anthracene	Benzo(g,h,I) perylene	Indeno(1,2,3-cd)pyrene
RW-2	1/18/01	<1	<0.2	<1	<0.1	<0.1	<0.2	<0.2	<1	<0.1
TW-1	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-2	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-3	6/8/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-4	6/20/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-5	6/20/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-6	6/20/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	4/7/06	<0.1	<0.02	<0.1	<0.05	<0.1	<0.1	<0.06	<0.3	<0.05
SW	4/7/06	<0.1	<0.02	<0.1	<0.05	<0.1	<0.1	<0.06	<0.3	<0.05
TW-1	4/7/06	<0.1	<0.02	<0.1	<0.05	<0.1	<0.1	<0.06	<0.3	<0.05
MW-5	4/30/08	<0.15	<0.01	<0.06	<0.01	<0.06	<0.08	<0.001	<0.10	<0.01
MW-6	4/30/08	<0.15	<0.01	<0.06	<0.01	<0.06	<0.08	<0.001	<0.10	<0.01
Ch. 62-777 NFA GCTLs		**210**	**0.05**	**4.8**	**0.05**	**0.5**	**0.2**	**0.005**	**210**	**0.05**
Ch. 62-777 NA GCTLs		***2100***	***5***	***480***	***5***	***50***	***20***	***0.5***	***21000***	***5***

All results reported in ug/L

NA = Not analyzed

Bold concentrations indicate an exceedance of the Chapter 62-777 No Further Action (NFA) GCTL

Bold and italics concentrations indicate an exceedance of the Chapter 62-777 Natural Attenuation (NA) GCTL

Current sampling results

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

August 1, 2008

CERTIFIED MAIL #7008 0150 0001 8479 8712
RETURN RECEIPT REQUESTED

Mr. Alfred Leach
Leach and Leach, Incorporated
1 CVS Drive
Woonsocket, Rhode Island 02895

Subject: Site Rehabilitation Completion Order
Chevron-Apollo Beach
6202 US Highway 41 North
Apollo Beach, Hillsborough County
FDEP Facility ID# 298625299
Discharge Date: December 28, 1995 (PLRIP)
Discharge Score: 6

Initials ____
Date ____

Dear Mr. Leach:

Environmental Protection Commission of Hillsborough County (EPCHC) staff has reviewed the Site Assessment Report (SAR) and Addendum and No Further Action Proposal (NFAP) dated February 6, 2008 and June 12, 2008 (received February 8, 2008 and June 16, 2008) prepared and submitted by Sunstate Remediation Services for the petroleum product discharge referenced above. Documentation submitted with the SARs/NFAP confirms that criteria set forth in Subsection 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. Please refer to the attached map of the source property and analytical summary table. The SARs/NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (SRCO). Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharge referenced above, except as set forth below.

(1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Florida Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the SARs/NFAP or otherwise allowed by Chapter 62-770, F.A.C.

(2) Additionally, you are required to properly abandon all monitoring wells, except compliance wells utilized to meet the release detection requirements of Chapter 62-761 or 62-762, F.A.C., within 60 days of receipt of this Order. The monitoring wells must be plugged and abandoned in accordance with the requirements of Subsection 62-532.500(4), F.A.C.

Please send a copy of the approved assessment documents to Ken Weber of the Southwest Florida Water Management District within 30 days of receiving this Order.

Legal Issues

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. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

(A) If you choose to accept the Department's decision regarding the SARs/NFAP you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

(B) If you choose to challenge the decision, you may do the following:

(1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or

(2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Leach and Leach Incorporated, shall mail a copy of the request to Leach and Leach Incorporated, at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee,

Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Leach and Leach Incorporated, shall mail a copy of the petition to Leach and Leach Incorporated, at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
(b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
(c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
(e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, 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 after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding EPCHC's review of your SARs/NFAP should be directed to Hal Koechlein at (813) 627-2600. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above

does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

The FDEP Facility Number for this facility is 298625299. Please use this identification on all future correspondence with the Department or EPCHC.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/hk

Attachments

cc: Ms. Laurel Culbreth, FDEP Southwest District Office
Mr. Hal Koechlein, EPCHC
Mr. Gary E. Kinn, P.G., Sunstate Remediation, 4518 Clements Road, Lakeland, Florida 33811
Mr. John Myers, TRG Limited Liability Company, Post Office Box 5238TRG,Tampa, FL 33605
Mr. Ken Weber, Southwest Florida Water Management District, 2379 Broad Street, Brooksville, Florida 34609-6899
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Nancy C Dan — 8-1-2008

Clerk (or Deputy Clerk) — Date

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBROUGH COUNTY

STATE CLEAN-UP SITE

ESE
A CILCORP Company

LIMITED CONTAMINATION ASSESSMENT REPORT

CHEVRON #48087
US 41 AND APOLLO BEACH BOULEVARD
APOLLO BEACH, FLORIDA

Prepared for:

HILLSBOROUGH COUNTY
ENVIRONMENTAL PROTECTION COMMISSION
Tampa, Florida

Prepared by:

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.
Tampa, Florida

ESE No. 3928266

August, 1992

Brian D. Gibson
Senior Staff Scientist

8-07-92
Paul R. Belyea, P.G.
Florida Registration No. 0000174

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1.0 INTRODUCTION

1.0 INTRODUCTION

1.1 PURPOSE OF INVESTIGATION

Environmental Science & Engineering, Inc. (ESE) has been authorized by Hillsborough County Environmental Protection Commission (HCEPC) to conduct a limited contamination assessment at the Chevron No. 48087 facility located at U.S. 41 and Apollo Beach Boulevard, Apollo Beach, Hillsborough County, Florida. The purpose of the investigation, as set forth by the request of HCEPC, was to investigate the soil and groundwater quality conditions beneath the subject facility which may have been impacted by petroleum hydrocarbons as a result of potential discharges from five underground storage tanks (USTs) and product transmission lines located at the facility. The contamination assessment activities were conducted in accordance with the guidelines outlined in Florida Administrative Code (FAC) Chapter 17-770.600.

1.2 SCOPE OF WORK

The contamination assessment activities authorized by HCEPC are summarized in this limited Contamination Assessment Report (CAR). The limited CAR objectives comply with specific standards outlined in FAC Chapter 17-770.630 that include the following:

- Discuss the rationale and procedures utilized for limited CAR data collection
- Define the areal and vertical extent of soil and groundwater quality impacts within the vicinity of the UST
- Define the presence of free product onsite, if any
- Assess the geologic and hydrologic characteristics of the site including a discussion as to the presence and relevance of surface water bodies within a one-half mile radius of the site
- Define the local groundwater aquifers and surface water classifications, pursuant with FAC Chapter 17-3 and 17-302 standards
- Evaluate the migration direction and rate of the contaminant plume, if present, including the controls on contaminant transport mechanisms

1.3 SITE LOCATION AND AREA OF INVESTIGATION

The Chevron No. 48087 facility is located at U.S. 41 and Apollo Beach Boulevard, Apollo Beach, Hillsborough County, Florida. Specifically, the site is located in the southeast quarter of Section 22, Township 31 South, Range 19 East on the United States Geological Survey (USGS) 1956 Quadrangle Map (photorevised in 1981). A site location map is included as Figure 1. The specific area of investigation is shown on Figure 2.

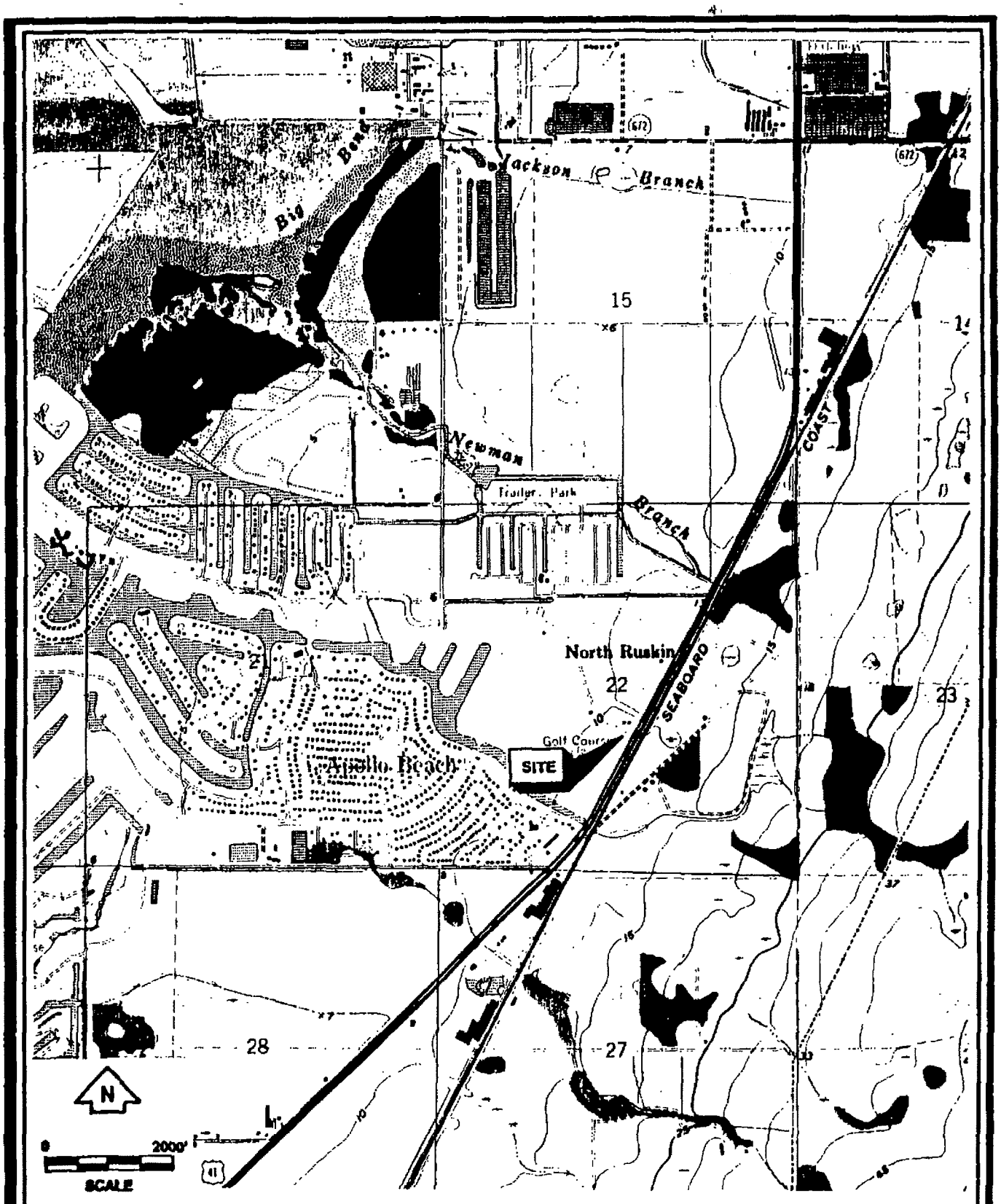
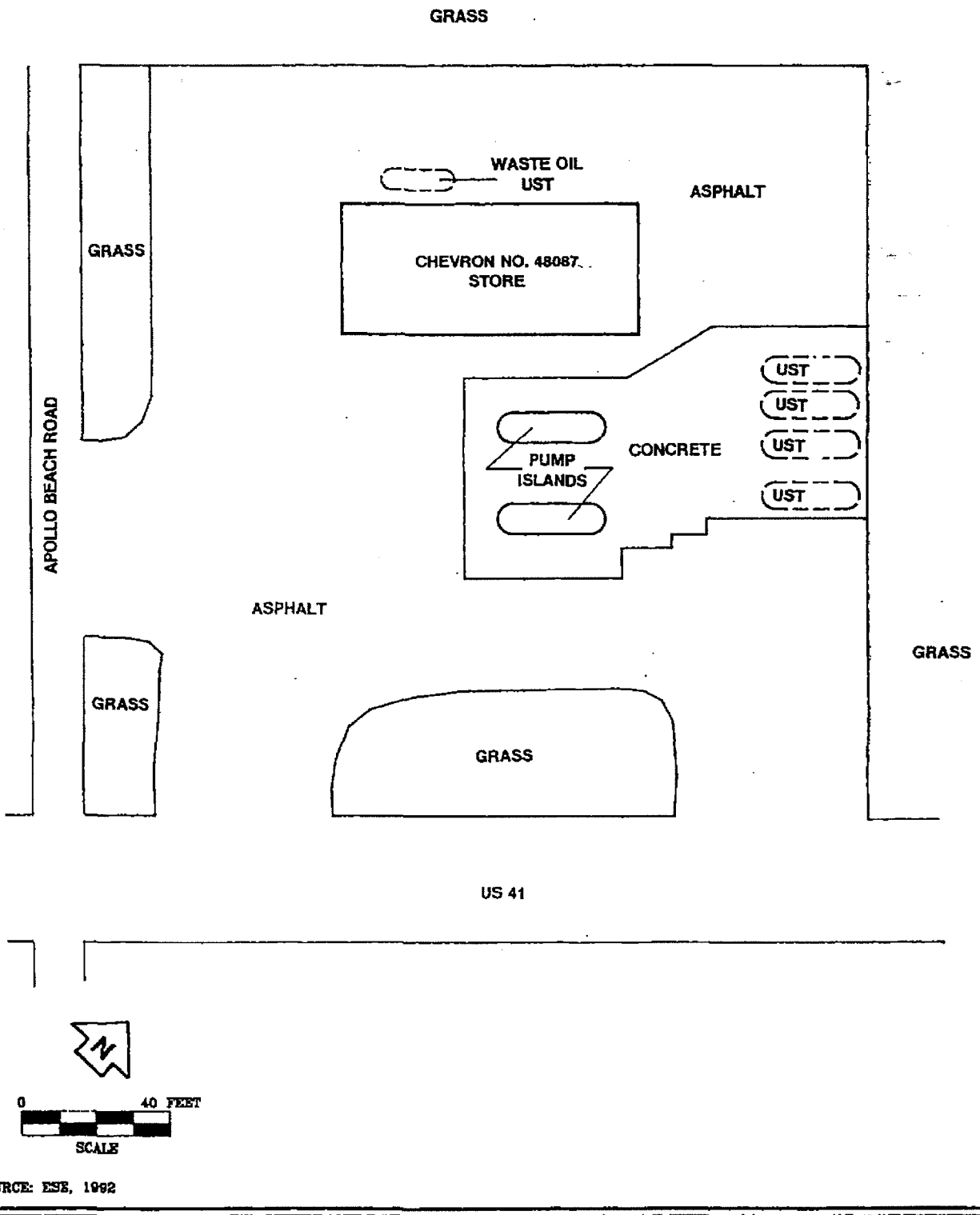


FIGURE 1
SITE VICINITY MAP

SOURCE: USGS, 1961

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

CHEVRON NO. 48087
LIMITED CONTAMINATION ASSESSMENT REPORT



SOURCE: ESE, 1992

FIGURE 2 SITE PLAN	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

Water Management District (SWFWMD) Groundwater Resource Availability Inventory (1988). Table 1 summarizes the regional lithologic and hydrogeologic units associated with these stratigraphic units.

The lithology of the surficial aquifer deposits may be highly variable in composition with limestone, dolomite, shell, clayey sand, sandy clay, quartz sand, and phosphorate all present (Knapp, 1978). Underlying these surficial deposits are extensive layers of limestone, with some minor interbeds of clay and/or dolomite. The limestone formations in Hillsborough County range from 10- to 300-feet in thickness and dip gently toward the south/southwest.

The surficial deposits in west-central Florida, and including the surficial deposits in Hillsborough County, are predominantly unconsolidated fine sands with minor proportions of clay, shell, and/or organics. These surficial aquifer deposits are underlain by the Hawthorn Formation in most of the region.

The Hawthorn Formation, underlying the surficial deposits, is a highly variable unit composed of interbedded sandy clays, limestones, and dolomites, which may be intermixed with phosphate grains of varying sizes. The clays of the Hawthorn, along with the clays in the upper part of the underlying Tampa Limestone, form the impermeable, confining layers which separate the surficial aquifer from the Floridan aquifer. The lower part of the Tampa Limestone is characteristically sandy, white to tan-colored lime mud with low to moderate porosity. The Tampa Limestone ranges in thickness from 50- to 200-feet, and is underlain by the Suwannee Limestone. The Suwannee Limestone is fairly pure, granular limestone averaging about 200-feet thick. Sections of the formation may be very fossiliferous. Below the Suwannee Limestone are other limestone layers: the Ocala Group, Avon Park Limestone, and the Lake City Limestone.

In general, surficial deposits of sand, shell, and clayey sands form the surficial aquifer. This aquifer varies in thickness from 0 to more than 50 feet, and may or may not be potable. Water from the surficial aquifer is mainly used for irrigation. Recharge is due largely to rainfall. The upper surface of the water table generally mimics the surface topography; therefore, flow in this aquifer tends to be towards surface water bodies. The direction of groundwater flow can sometimes be very localized, influenced by slight elevation changes, drainage ditches, and surface water bodies. The hydraulic conductivity (K) values of the surficial aquifer range from 0.0028 feet/day to greater than 1,000 feet/day. The specific yield of the surficial aquifer ranges from 0.05 to 0.3.

The Floridan aquifer is the principal aquifer in region and is used as the primary source of drinking water. The Floridan aquifer system includes the Lake City Limestone, Avon Park Limestone, and Ocala Group of Eocene Age, the Suwanee Limestone of Oligocene Age, the Tampa Formation, and permeable layers within the Hawthorn Formation of Miocene Age (Vernon and Puri, 1964). The thickness of the potable

the soil samples from each shallow soil boring were complete, each borehole was backfilled with the original soil cuttings and the area landscaped to the original condition prior to conducting additional borings.

3.2.2 Piezometer Installation

As outlined in Section 1.2, a total of three shallow piezometers were installed at the facility. The locations, depths, and number of shallow piezometers were selected to define the direction of groundwater flow at the Chevron No. 48087 facility. On June 26, 1992, three piezometers were installed to 8-feet BLS at three locations (PZ-1, PZ-2, and PZ-3) at the site as shown by Figure 4. Upon completion of the piezometer installation activities, the piezometers were surveyed, water table elevations were measured, and the groundwater flow direction was determined.

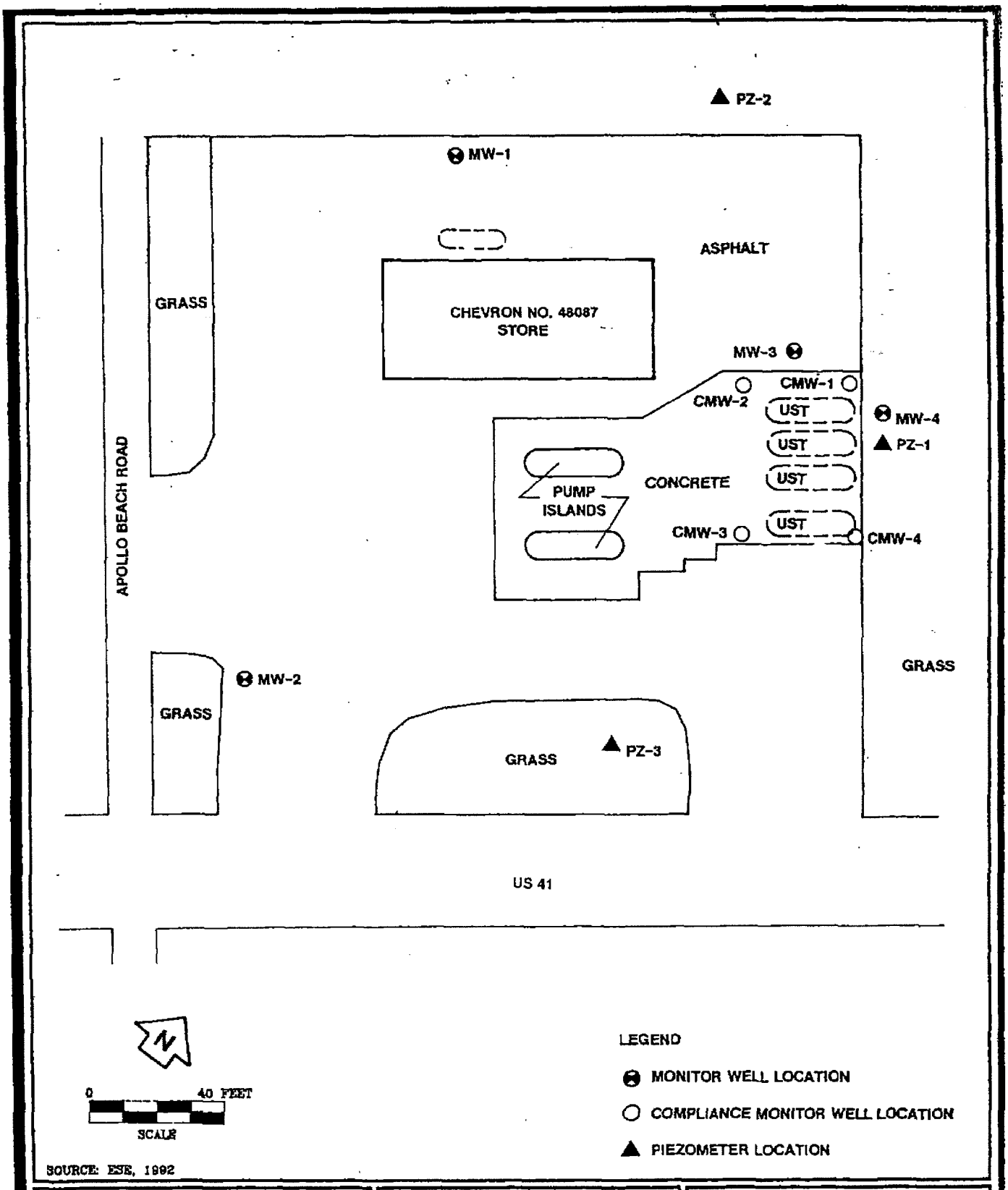
3.3 GROUNDWATER QUALITY ASSESSMENT PROCEDURES

Once the soil quality assessment and piezometer installation activities were completed, a groundwater quality assessment was initiated which included the installation of four groundwater monitor wells, and the collection of groundwater samples for laboratory analysis. The four monitor wells (MW-1, MW-2, MW-3 and MW-4) were located in an upgradient area(MW-2), the potential source area of the four gasoline USTs (MW-3) and the waste oil UST (MW-1) and a downgradient area (MW-4) respectively (see Figure 4). Table 2 presents the well construction summary for each well installed onsite by ESE including total depths, screen lengths, and top-of-casing elevations.

3.3.1 Monitor Well Installation

As discussed in Section 1.2, four shallow groundwater monitor wells were installed to assess the presence of petroleum hydrocarbon impacts in the groundwater in the vicinity of the five USTs at the Chevron No. 48087 facility. The four shallow groundwater monitor wells were designed to bracket the top of the surficial aquifer at the site. The ~~three~~ four monitor wells (MW-1, MW-2, MW-3 and MW-4) were installed on July 1, 1992, by a licensed professional drilling company under the supervision of an ESE geologist. The locations of the monitor wells are shown on Figure 4. The depth of the water table was found to be approximately 4-feet BLS on July 1, 1992; therefore, the three monitor wells were installed to a depth of 12-feet BLS with 10 feet of screen.

Prior to commencement of drilling activities at each well location a posthole boring was performed from land surface to 4-feet below land surface (BLS) in order to prevent damage of any unmarked buried utilities. All monitor wells were then installed through hollow-stem augers. All auger flights, well casing, and screen sections were steam cleaned prior to use and/or installation. All wells installed by ESE were constructed of 2-inch diameter Schedule 40 polyvinyl chloride (PVC) well casing and 2-inch diameter x 0.010-inch mil-slotted well screen. All well pipe and screen sections were completed using factory



SOURCE: ESE, 1992

FIGURE 4 PIEZOMETER AND MONITOR WELL LOCATION MAP	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

Table 2. Well Construction Summary, Chevron No. 48087, Apollo Beach, Florida

Well No.	Installation Date	Current North Side Top of Casing Elevation[1] (ft, msl)	Well Diameter (in)	Casing Length (ft)	Screen Length (ft)	Borehole Diameter (in)	Rationale for Placement
MW-1	7/1/92	49.65	2	2	10	8.25	Source Area
MW-2	7/1/92	49.25	2	2	10	8.25	Upgradient
MW-3	7/1/92	50.98	2	2	10	8.25	Source Area
MW-4	7/1/92	50.03	2	2	10	8.25	Downgradient

in - inches
ft - feet
msl - mean sea level
BLS - Below Land Surface

[1]Survey data based on assumed vertical datum.

Source: ESE, 1992.

threaded flush joints and no glued sections were installed. All monitor well borings were backfilled with 20/30 grade silica sand to approximately 1- foot above each screen interval followed by a bentonite seal and grout to land surface. All wells were completed with steel protective manhole covers and stationary locking well caps. The monitor well construction diagrams and well permit are included in Appendix C.

3.3.2 Monitor Well Development

Immediately following each monitor well installation, the wells were developed. Groundwater was purged from the monitor wells using the pump installed on the drill rig. PVC drop pipe was temporarily placed into the well and the well pumped until the discharge effluent was clear and free of fine grained sediment. Water was not added to aid in well development efforts and all groundwater generated from the well was disposed of on land surface near each well location. All equipment used for development was decontaminated prior to use at the well location to negate the potential for cross-contamination. The decontamination protocol consisted of a Liquinox® soap and water wash, a deionized water rinse, an isopropanol rinse, and a final deionized water rinse.

3.4 GROUNDWATER SAMPLING AND ANALYSIS

After the three monitor wells were installed and allowed to stabilize, groundwater samples were collected from each well on July 10, 1992, for laboratory analysis for purgeable aromatics (including MTBE) by EPA Method 602 and total recoverable petroleum hydrocarbons by EPA Method 418.1, pursuant with the requirements of HCEPC.

3.4.1 Sampling Methodology

The groundwater sample was collected following ESE's generic QAP. The following procedures were conducted on the day of sampling.

- The water table surface was examined for the presence of free-floating product using an ORS® (model EN/M) oil/water interface probe
- If present, the thickness of the product layer was measured
- The depth from the north site top-of-casing to groundwater was measured (to $\pm$0.01 feet)
- The well depths were recorded, and the volume of the water in the well and annular space was calculated
- The groundwater in the screen, well casing, and saturated annular space was purged a minimum of three volumes. The amount of fluid purged was measured and recorded. The well was purged until conductivity, pH, and temperature stabilized using the following criteria:
  - pH: $\pm$ 0.1 unit
  - temperature: $\pm$ 0.5 degrees Celsius (°C), and
  - conductivity: $\pm$ 10 percent of the average micromhos per centimeter (μhos/cm)

- To prevent potential cross-contamination of the groundwater sample, the following guidelines were applied:
  - Prior to well sampling efforts, all equipment used was decontaminated using the following protocol:

    The Teflon® bailers used to purge and collect the groundwater samples for analysis were washed with Liquinox® soap and water, rinsed with deionized water, rinsed with a weak nitric acid solution, double rinsed with isopropanol, and allowed to air dry. Following this procedure, the sampling and purge bailers were wrapped with aluminum foil prior to use and transport
  - A dedicated decontaminated teflon bailer was used for sampling each monitor well
  - A new monofilament line was utilized at each well for lowering the sampling bailer into the well, and the line was discarded after use
  - Field sampling personnel wore a new set of disposable latex gloves during the time each well was either purged or sampled
  - All sampling and well-purging equipment was protected from ground contact by placing the equipment on disposable polyethylene sheeting during and after well sampling efforts

The following data were recorded during the sampling of each monitor well:

- Well number
- Date
- Time
- Static water level (to $\pm$0.01 feet)
- Depth of well
- Total volume of water evacuated from well
- Water quality measurements of pH, specific conductance, and temperature
- Other pertinent observations of water samples (color, turbidity, odor, etc.)
- Sample parameters and preservation method
- Miscellaneous observations, and
- Signature of sampler and date

The groundwater samples were collected in a manner that minimized aeration and prevented oxidation of compounds in each sample. Every effort was made to collect the groundwater samples when airborne odors were not noted. The samples were carefully labeled so that they could be identified by laboratory personnel, in accordance with ESE's generic QAP protocols. The sample labels included the project number, sample number, time, date, and sampler's initials. The samples were identified with indelible ink on a standard label immediately before collection. Information concerning preservation methods, matrix, and sample location was included on the label. The groundwater samples were then shipped to the

laboratory for analysis in an insulated ice chest and kept below 4° C from time of sample collection until analysis. Chain-of-custody was maintained at all times. Sampling methods and sample-handling quality assurance protocols are described in the ESE's FDER approved generic QAP.

3.5 LIQUID LEVEL MEASUREMENTS

Liquid level measurements were collected on June 26, 1992 from the piezometers installed at the facility prior to the monitor well installation efforts, and July 10, 1992, from the newly installed monitor wells prior to the groundwater sample collections. The north side top-of-casing (TOC) elevations of the three piezometers, the four monitor wells and the four compliance wells were surveyed with reference to an assumed vertical datum, to the nearest 0.01 foot, by a professional licensed surveyor. The data was used to interpret the direction of groundwater flow, and the hydraulic gradient across the site. A groundwater contour map was prepared using the measured water table elevations. All liquid level measurements were collected using an ORS® (Model EN/M) oil/water interface probe which is capable of detecting product thicknesses and water levels to ±0.01 feet. The liquid level data is presented in Section 4.2. These data were used in Section 4.2 to assess the direction of horizontal groundwater flow on site and to evaluate the surficial aquifer flow characteristics.

4.0 DISCUSSION OF RESULTS

4.0 DISCUSSION OF RESULTS

The following sections provide the results of the limited contamination assessment conducted at the Chevron No. 48087 facility. Included in this section are all the data collected during the assessment evaluating the site lithology, groundwater flow direction, and the extent of soil and groundwater quality impacts by petroleum hydrocarbons.

4.1 SITE-SPECIFIC GEOLOGY

The lithology beneath the site was interpreted from lithologic logs describing the soils encountered during the soil boring, piezometer, and monitor well installations described in Sections 3.2 and 3.3. The lithologic logs from the soil borings (B-1 through B-19) installed at the site, are included in Appendix B. The site is covered with concrete, asphalt and grass. The concrete, asphalt and grass is underlain with a brown to black colored, fine grained sand to a depth of 4 feet BLS where the soil borings were terminated. The upper two feet of the sand contains a trace of organics. A clay confining unit was not encountered in any of the borings or monitor wells installed at the site. The presence or thickness of a clay confining unit was not evaluated as part of the limited contamination assessment.

4.2 SITE-SPECIFIC HYDROGEOLOGY

The characteristics of the shallow aquifer beneath the site were evaluated based on data collected from the piezometers and monitor wells installed at the facility. The groundwater flow direction and rate of movement provided data useful for determining the fate of petroleum hydrocarbon contaminants within the surficial aquifer beneath the site.

4.2.1 Water Table Elevations and Groundwater Flow Direction

The groundwater flow direction was evaluated from water table elevations recorded from piezometers and monitor wells installed at the Chevron No. 48087 facility. Water table elevations were calculated from liquid levels and top-of-casing measurements taken from the piezometers and monitor wells located at the subject site. The water table elevation data is provided in Table 3. A water table elevation contour map from data collected on July 27, 1992, is provided as Figure 5.

The groundwater flow direction appears to be towards the north with a hydraulic gradient of 0.002 foot/foot across the site. The hydraulic gradient was calculated between monitor wells MW-2 and MW-3.

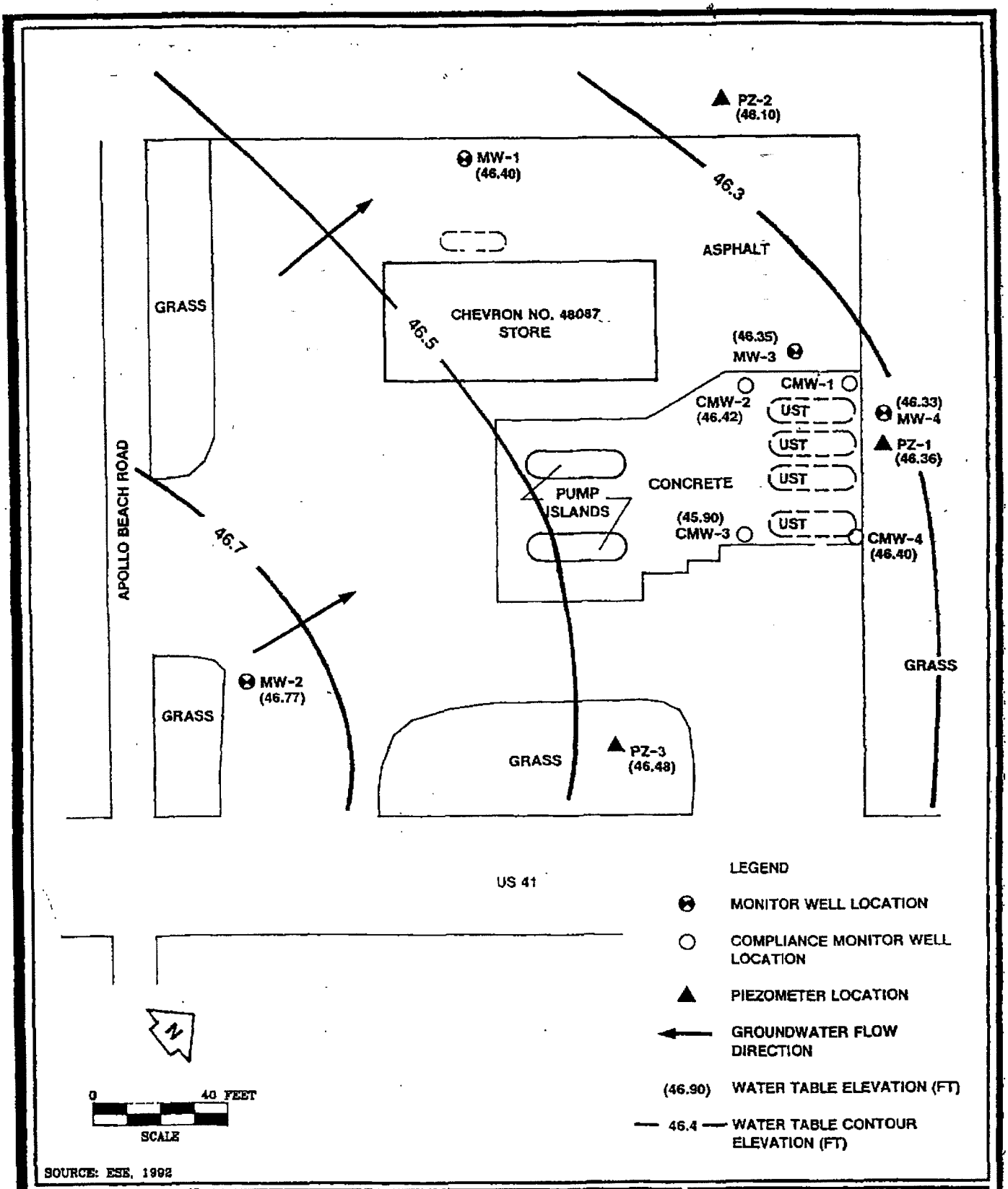
4.3 SOIL QUALITY

The soil quality conditions were evaluated for petroleum hydrocarbon impacts by collecting soil samples from a series of shallow soil borings installed across the site. The shallow soil borings (B-1 through B-19) were located to delineate the areal extent of petroleum hydrocarbon impacts to the soil in the vicinity of the USTs, underground product lines, and dispensers, as discussed in Section 3.2. OVA analyses for total

Table 3: Groundwater Elevation Data, July 27, 1992, Chevron No. 48087, Apollo Beach, Florida

Station	Relative TOC[1] Elevation	DTW	WT Elevation	Well Diameter
MW-1	49.65	3.25	46.40	2"
MW-2	49.25	2.48	46.77	2"
MW-3	50.98	4.65	46.35	2"
MW-4	50.03	3.70	46.33	2"
PZ-1	50.86	4.50	46.36	1½"
PZ-2	51.19	5.01	48.18	1½"
PZ-3	49.56	3.08	46.48	1½"
CMW-1	50.75	4.33	46.42	4"
CMW-2	50.80	4.38	46.42	4"
CMW-3	50.39	3.95	46.44	4"
CMW-4	50.03	4.13	45.90	4"

Source: ESE, 1992



SOURCE: ESE, 1992

FIGURE 5 GROUNDWATER CONTOUR MAP	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

6.0 REFERENCES

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Andrews, W.J., 1990. Transmissivity and Well Yields of the Upper Floridan Aquifer in Florida: U.S. Geological Survey; Florida Department of Environmental Regulation; Florida Department of Natural Resources, Florida Geological Survey, Tallahassee, Florida, Map Series No. 132.

Bush, P.W., and Johnson, R.H., 1988. Groundwater Hydraulics, Regional Flow, and Groundwater Development of the Floridan Aquifer System in Florida and in parts of Georgia, South Carolina, and Alabama: U.S. Geological Survey Professional Survey Professional Paper 1403-C, 80 p.

Causey, L.V., and Leve, G.W. 1976. Thickness of the Potable Water Zone in the Floridan Aquifer: Florida Department of Natural Resources, Bureau of Geology, Map Series No. 74.

Florida Department of Environmental Regulation. May 1990. Pollutant Storage Tank Closure Assessment Requirements, Division of Waste Management, Bureau of Waste Planning and Regulation, Storage Tank Regulation Section.

Knapp, M.S. 1978. Environmental Geology Series Gainesville Sheet: Florida Department of Natural Resources, Bureau of Geology, Map Series No. 79.

Puri, H.S., and Vernon, R.O. 1964. Summary of the Geology of Florida and a Guidebook to the Classic Exposures: Florida Board of Conservation, Division of Geology, Special Publication No. 5, 225 p.

Shattles, D.E. 1963. Quality of Water from the Floridan Aquifer in Hillsborough County, Florida: Florida Board of Conservation, Division of Geology, Map Series No. 9.

Southwest Florida Water Management District. 1988. Groundwater Resource Availability Inventory, Pinellas County, Florida.

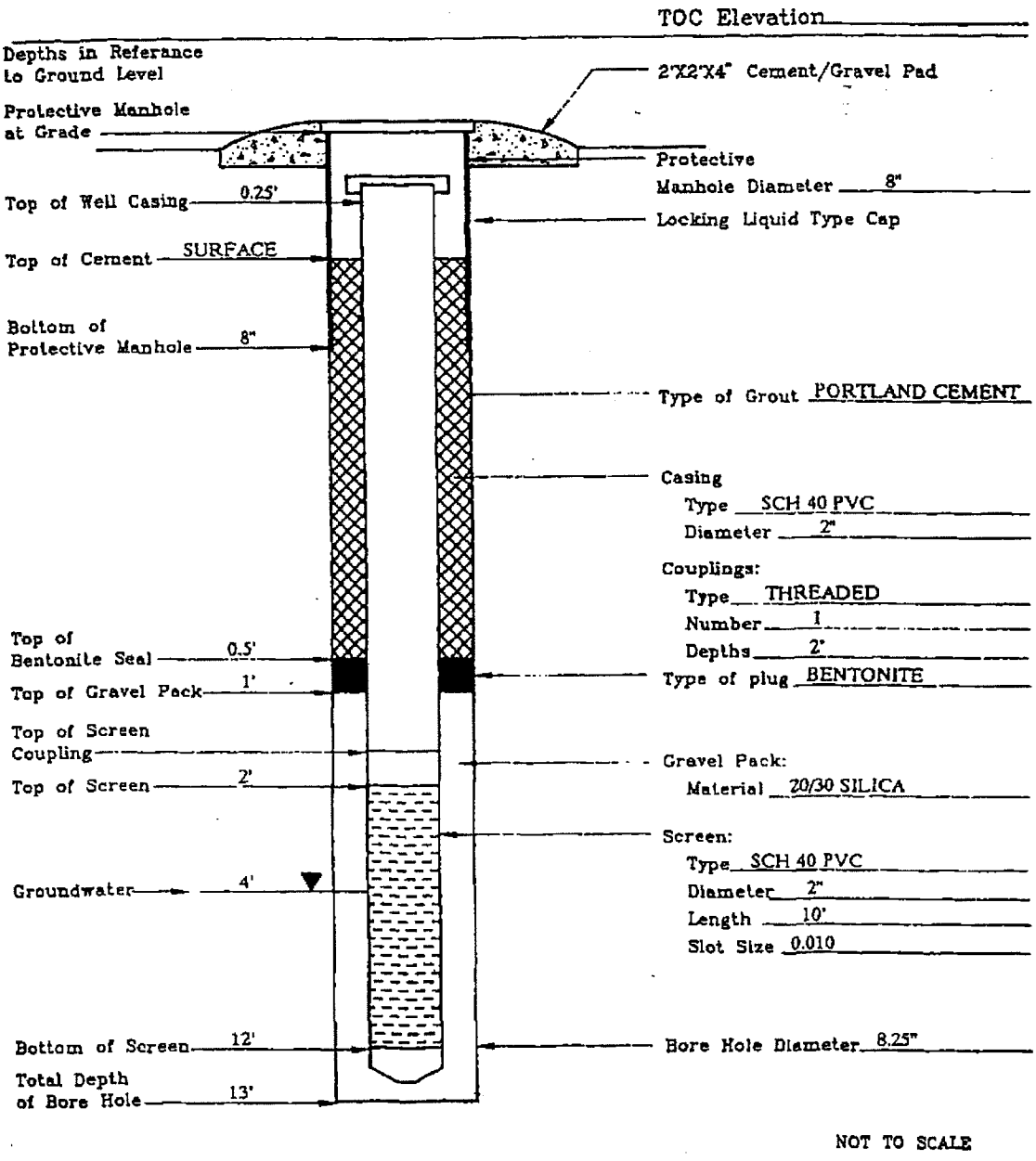
Stewart, J.W. 1980. Areas of Natural Recharge of the Floridan Aquifer in Florida: Florida Department of Natural Resources, Bureau of Geology, Map Series No. 98.

U.S. Department of Commerce. 1972. Local Climatological Data, Annual Summary with Comparative Data, Tampa, Florida. National Climatic Center, Asheville, North Carolina.

MONITOR WELL CONSTRUCTION

Logged By: BRIAN GIBSON
Client: HCEPC
Drilling Contractor: HUSS
Location: CHEVRON
Driller's Name: M. PIKE
Job Number: 3928266
Well Number: MW-1
Date/Time:Start 7-1-92 Finish 7-1-92

Comments (Lost circulation interval; water level changes; hole collapse interval,etc.):



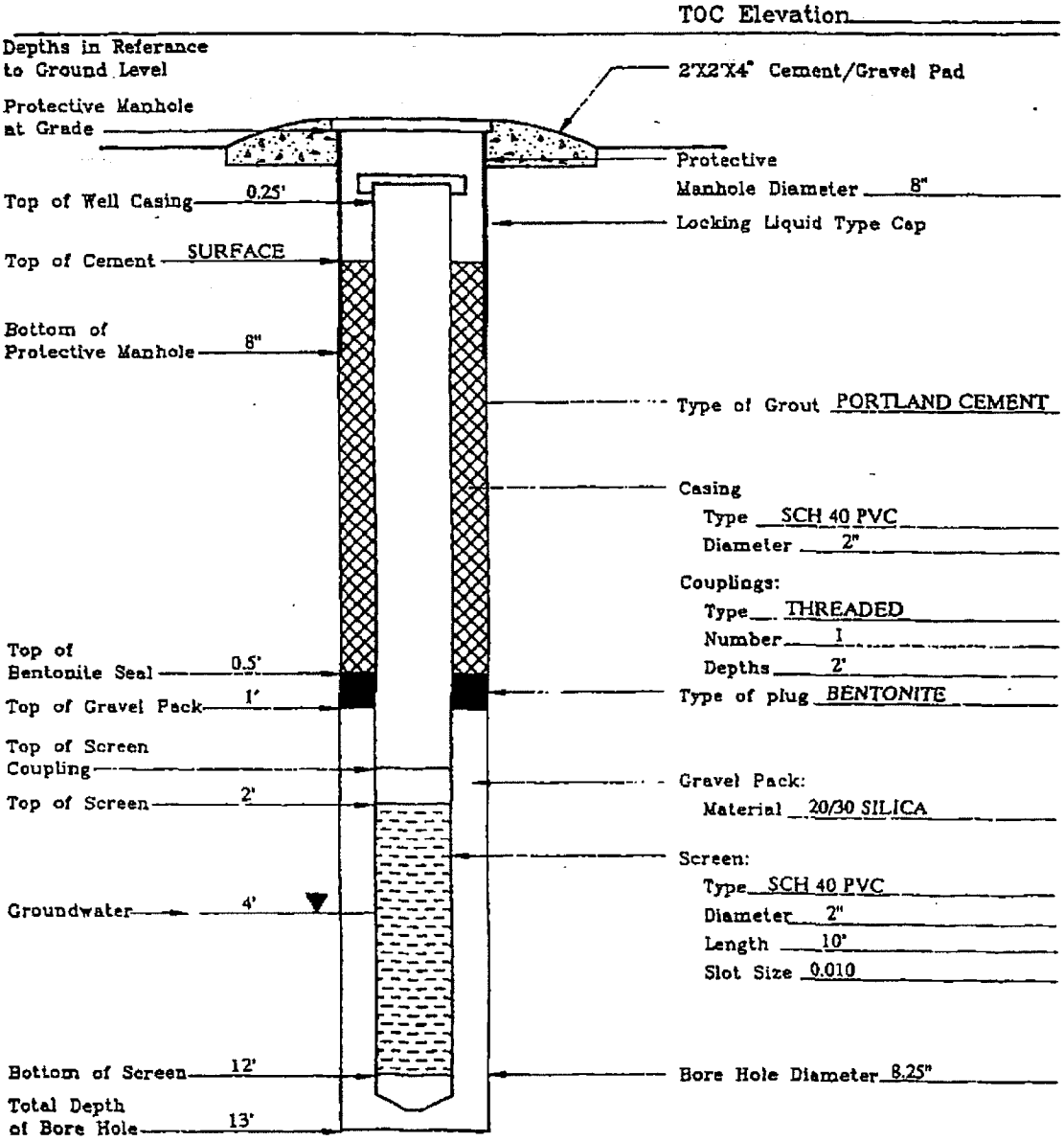
NOT TO SCALE

MW-1 MONITOR WELL CONSTRUCTION	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

MONITOR WELL CONSTRUCTION

Logged By: BRIAN GIBSON
Client: HCEPC
Drilling Contractor: HUSS
Location: CHEVRON
Driller's Name: M. PIKE
Job Number: 3928266
Well Number: MW-2
Date/Time: Start 7-1-92 Finish 7-1-92

Comments (Lost circulation interval; water level changes; hole collapse interval,etc.):

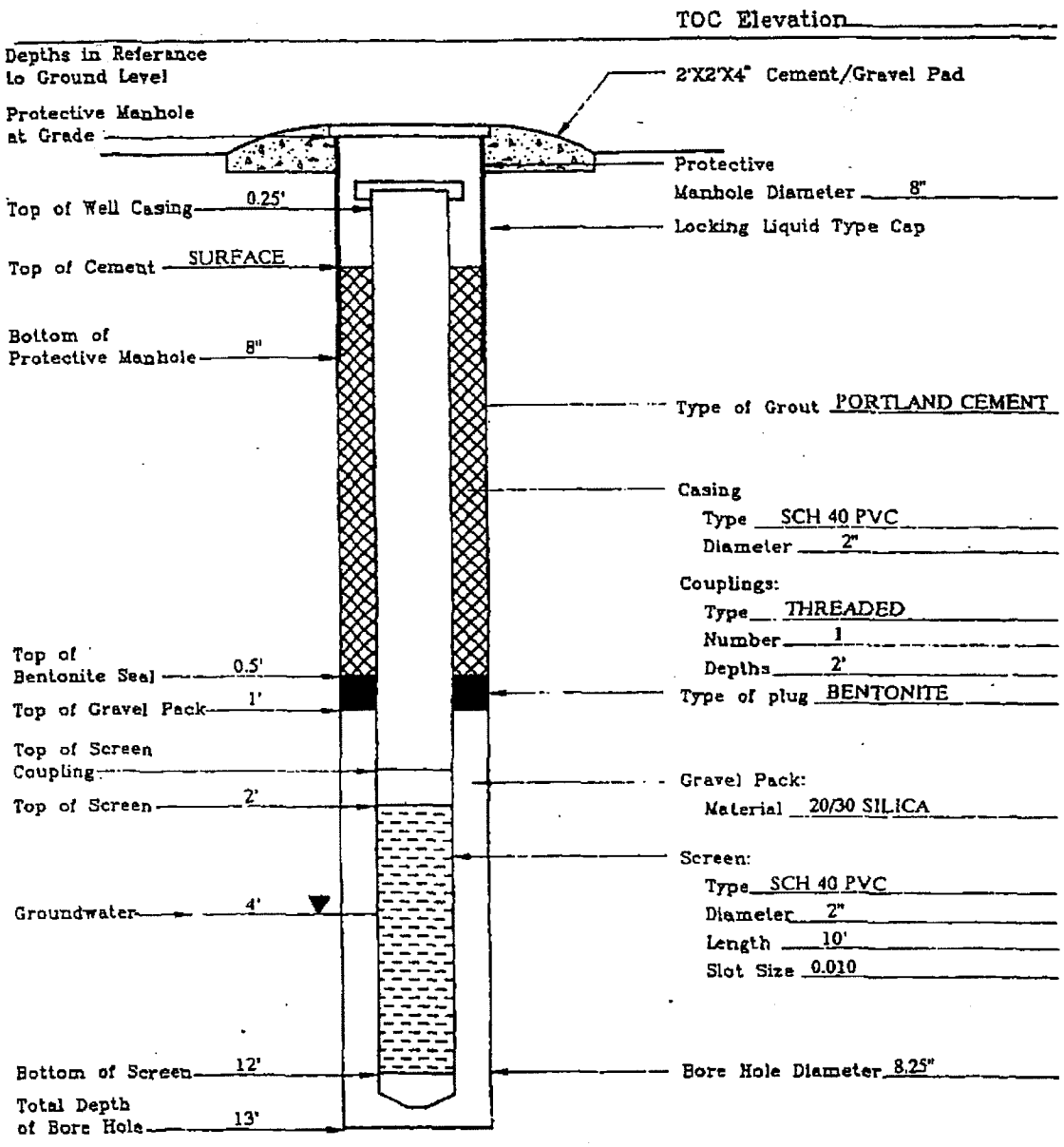


NOT TO SCALE

MW-2 MONITOR WELL CONSTRUCTION	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

MONITOR WELL CONSTRUCTION

Logged By: BRIAN GIBSON
Client: HCEPC
Drilling Contractor: HUSS
Location: CHEVRON
Driller's Name: M. PIKE
Job Number: 3928266
Well Number: MW-3
Date/Time: Start 7-1-92 Finish 7-1-92
Comments (Lost circulation interval; water level changes; hole collapse interval,etc.):



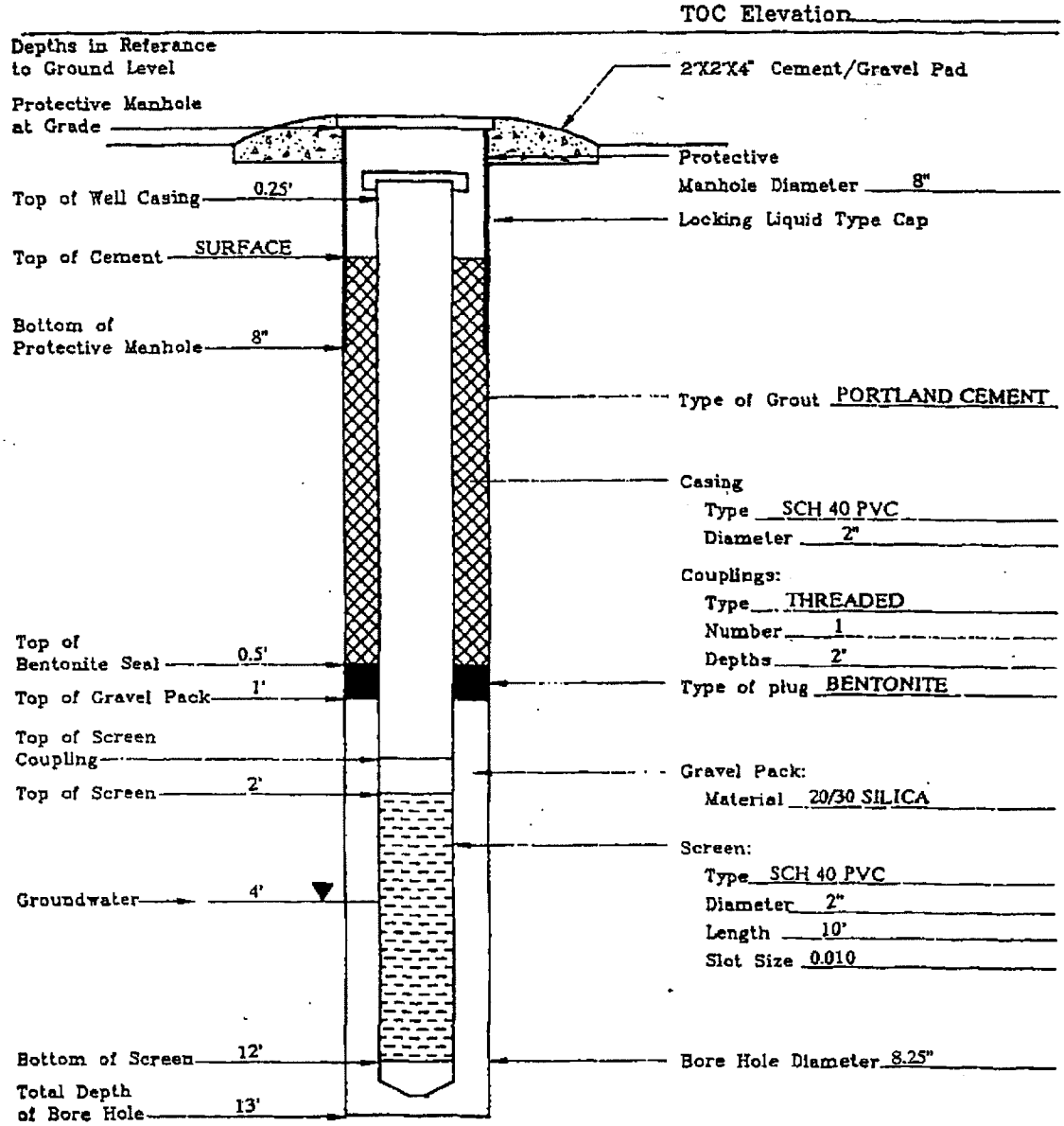
NOT TO SCALE

MW-3 MONITOR WELL CONSTRUCTION	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.	CHEVRON NO. 48087 LIMITED CONTAMINATION ASSESSMENT REPORT

MONITOR WELL CONSTRUCTION

Logged By: BRIAN GIBSON
Client: HCEPC
Drilling Contractor: HUSS
Location: CHEVRON
Driller's Name: M. PIKE
Job Number: 3928266
Well Number: MW-4
Date/Time: Start 7-1-92 Finish 7-1-92

Comments (Lost circulation interval; water level changes; hole collapse interval,etc.):



NOT TO SCALE

MW-4 **MONITOR WELL CONSTRUCTION**	**ENVIRONMENTAL SCIENCE & ENGINEERING, INC.**	**CHEVRON NO. 48087** **LIMITED CONTAMINATION ASSESSMENT REPORT**

APPLICATION TO CONSTRUCT, REPAIR, MODIFY OR ABANDON WELL

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2379 Broad St., Brooksville, Florida 34609-6899, (904) 796-7211

Brian Gibson

Permit No. 526607-03
Stipulations Required — 17-524 Well
WUP Application No. — Owner Number 163193

ABOVE THIS LINE-FOR OFFICIAL USE ONLY

1. ESE 5240 W. Cypress St. Suite A Tampa FL 33607 813-287-2755
Owner, Legal Name of Entity if Corporation — Address — Zip — Telephone Number

2. Chevron, US 41 Apollo Beach
Well Location: Address, Road Name or Number

3. Robert B. Huss, Jr. 6-29-92 2879
Drilling Contractor — Date — License No.

P.O. Box 477 Dade City FL 33526
Address — City — State — Zip Code

4. Number of Wells: 4 . Check the Use of the Well:
___ Domestic ___ Irrigation ___ Livestock ___ Test (WUP)
___ Public Water Supply ___ Heat Pump/AC Supply ___ Industrial ✓ Monitor (Type) H_2O Qual
___ Recovery ___ Class V, Heat Pump/AC Return ___ Class I Injection Well ___ Other ___

5. Application for:
✓ New Construction
___ Repair/Modify
___ Abandonment

6. Casing ✓ or Liner ___ (Check One)
___ Black Steel ✓ PVC 2" Diameter
___ Galvanized ___ Other (Specify) Bent Grout Seal Material (Specify)

7. Method of Construction: ___ Rotary ___ Cable Tool ___ Combination ✓ Auger ___ Other

8. Pinellas
County — Subdivision Name — Lot — Block — Unit

9. Quarter Quarter Section NW NW (Indicate Well in Chart)

10. Section 22 Township 31 Range 19

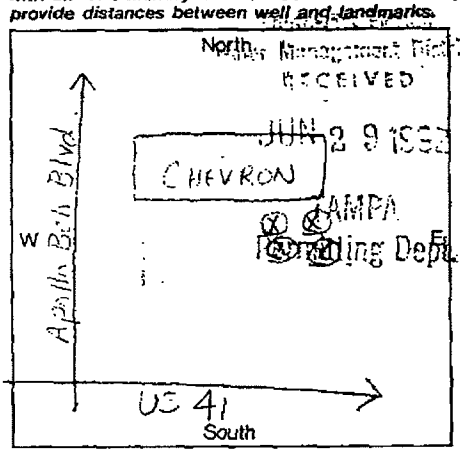
11. On 6-inch wells & larger:
Latitude — Longitude

NW NE
SW SE

12. I hereby certify that I will comply with the rules of Chapter 40-D-3, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling operations cease.

Robert B. Huss Jr. 2879
Signature of Contractor — License No.

Draw map of well location and indicate well site with an "X". Identify known roads and landmarks; provide distances between well and landmarks.



13. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Water Use Permit (WUP) or WUP application?

Yes ___ No ___ If yes, provide WUP No. ___

I certify that I am the owner of the property, that the information provided on well location is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above.

Kelly M. Huss
Owner or Agent's Signature

DO NOT WRITE BELOW THIS LINE — FOR OFFICIAL USE ONLY

Granted by: Tom Hale Title: 6/29/92 Date: 6/29/92

Owner Number: ___ Fee Received $: 50.00 Receipt No. 542011 Check No.: 3755

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OF SWFWMD(R). IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS.

SF 306(3) REV. 4/90

DRILLING CONTRACTOR COPY – 2

APPENDIX D

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY RECORDS

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAY [illegible] PLANT CITY, FLORIDA 33567 813 855-1844

Environmental Science & Engineering, Inc.
5840 W. Cypress Street, Suite A
Tampa, Florida 33607

July 22, 1992
Project No. 04534

LABORATORY REPORT

Project Description: ESE Project No. 3928266-0400-3342 - Chevron #48087
Sample Description: 02 - Water, MW #2, sampled 7/10/92, 1500
03 - Water, MW #3, sampled 7/10/92, 1400
04 - Water, MW #4, sampled 7/10/92, 1430
05 - Equipment Blank, sampled 7/10/92, 1330
06 - Trip Blank, prepared 6/30/92
Date Received: 7/10/92

Parameter	Units	(02) MW #2	(03) MW #3	(04) MW #4	(05) Equip. Blank	(06) Trip Blank	Lab. Blank
Purgeable Aromatics - EPA Method 602							
Benzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichlorobenzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	ug/l	< 0.5	< 0.5	< 0.5	**0.61**	< 0.5	< 0.5
Xylenes	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl ether	ug/l	< 0.5	**7.3**	**1.8**	< 0.5	< 0.5	< 0.5
Total VOA	ug/l	--	--	--	**0.61**	--	--

Environmental Lab No. E84129

Francis I. Daniels
Laboratory Director

Environmental Science & Engineering, Inc.
5840 W. Cypress Street, Suite A
Tampa, Florida 33607

LABORATORY REPORT

Project Description: ESE Project No. 3928266-0400-3342 - Chevron #48087
Sample Description: 01 - Water, MW #1, sampled 7/10/92, 1330
Date Received: 7/10/92

Parameter	Units	(01) MW #1	Laboratory Blank
Total Recoverable Petroleum Hydrocarbons	mg/l	< 0.2	< 0.2

Francis I. Daniels
Laboratory Director

Environmental Science & Engineering, Inc.
5840 W. Cypress Street, Suite A
Tampa, Florida 33607

LABORATORY REPORT

Project Description: ESE Project No. 3928266-0400-3342 - Chevron #48087

Parameter	Method	Detection Limit	Analysis Date
Purgeable Aromatics	EPA 602	0.5 ug/l	7/11/92
Total Recoverable Petroleum Hydrocarbons	EPA 418.1	0.2 mg/l	7/16/92

Francis I. Daniels
Laboratory Director

Environmental Science & Engineering, Inc.
5840 W. Cypress Street, Suite A
Tampa, Florida 33607

LABORATORY REPORT

Project Description: ESE Project No. 3928266-0400-3342 - Chevron #48087
QC Description: Matrix Spike/Matrix Spike Duplicate Recoveries

Parameter	Sample No. Spiked	Accuracy Mean % R	Precision RPD	QC Control Limits Accuracy	Precision
Purgeable Aromatics - EPA Method 602					
Benzene	04529-01	94	1	71-120	0-14
Toluene	04529-01	95	1	72-115	0-14
Chlorobenzene	04529-01	95	2	79-110	0-13
Ethylbenzene	04529-01	94	2	65-117	0-19
1,2-Xylene	04529-01	94	2	78-112	0-14
1,3-Xylene	04529-01	94	2	72-111	0-17
1,4-Xylene	04529-01	94	2	74-112	0-17
1,2-Dichlorobenzene	04529-01	94	3	72-116	0-17
1,3-Dichlorobenzene	04529-01	94	3	74-115	0-14
1,4-Dichlorobenzene	04529-01	94	3	71-114	0-14
Methyl-t-butyl ether	04529-01	96	1	66-112	0-20
Additional Parameter					
Total Recoverable Petroleum Hydrocarbons	04511-03	71	22	49-118	0-48

Francis I. Daniels
Laboratory Director

Environmental Science & Engineering, Inc.
5840 W. Cypress Street, Suite A
Tampa, Florida 33607

LABORATORY REPORT

Project Description: ESE Project No. 3928266-0400-3342 - Chevron #48087
QC Description: Matrix Spike/Matrix Spike Duplicate Recoveries

Note: Matrix Spike/Matrix Spike Duplicates are routinely analyzed concurrently with samples, in all methods, to assess the accuracy and precision of the techniques being carried out. Two of three aliquots of at least one sample in the set being processed are spiked with known equal concentrations of actual method analytes. These duplicate spiked aliquots are subjected to the analytical method in the same manner as the samples themselves.

Recovery of the spikes is determined by comparison of analyte concentrations in the two spiked aliquots to the analyte concentration in the unspiked sample aliquot. Accuracy is reported as percent of the analyte recovered versus the original concentration spiked (Percent Recovery), averaged for the duplicate spikes. Precision is reported as Relative Percent Difference between the duplicate spike measurements.

Quality Control results published for each method are representative of the sample set in which these project samples were included. The actual sample spiked is indicated. Each matrix type (water and/or soil) in a set is spiked at least once. A minimum of 10% of all samples are routinely spiked.

Francis I. Daniels
Laboratory Director

Site 15:
Radiant Food Store No. 209/
Amoco Split Second

MONITORING WELL INSTALLATION

On May 19, 2004, ADT Drilling used a drilling rig to install four water table monitoring wells (designated MW-1 through MW-4) on the Radiant Food Store #209 site under the supervision of a Handex geologist. The locations of MW-1 through MW-4 are shown on **Figure 3**. These water table monitoring wells were installed using hollow stem augers and were constructed using 10 feet of 2-inch diameter PVC well screen (0.01 slot) threaded to 2 feet of solid 2-inch PVC riser. Monitoring well construction diagrams and boring log for these wells are included in **Appendix D**.

During the installations of MW-3 and MW-4, soil samples were collected from these two locations at one-foot intervals in the vadose zone and were screened with a Heath Model FID OVA. These OVA data are summarized on **Table 1**. The soil excavated during the installations of MW-1 and MW-2 on May 19, 2004 was not screened using an OVA as OVA data was collected from these two locations on May 18, 2004. Based on the OVA readings from MW-2/SB-4 location, the cuttings generated during the installation of MW-2 were containerized in one 55-gallon capacity drum left on site.

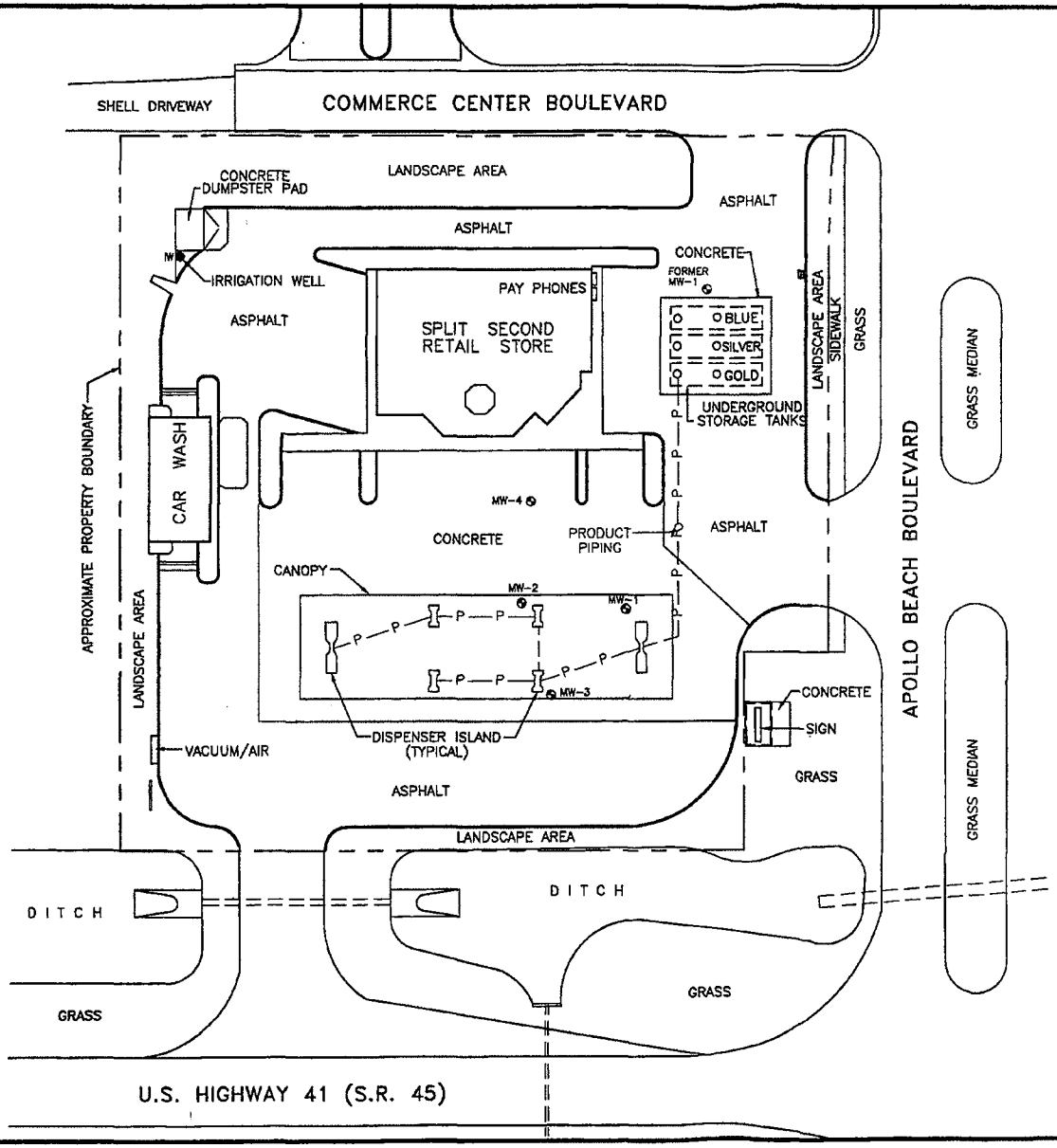
GROUNDWATER SAMPLING

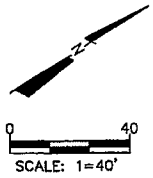
On May 21, 2004, groundwater samples were collected from MW-1 through MW-4 and were sent to E-LAB to be analyzed for the EPA Method 8021 (BTEX + MTBE), 8310 (PAHs), and FL PRO parameters. This sampling event was conducted in accordance with the FDEP's current groundwater sampling protocol, as required. The analytical results of this groundwater sampling event are summarized on **Table 3** and are depicted on **Figures 8 through 10**. A copy of the groundwater laboratory analytical report for the May 21, 2004 sampling event is included in **Appendix E**. The field groundwater sampling forms are included in **Appendix F**.

As shown on **Table 3**, the groundwater sample collected from MW-2 on May 21, 2004 revealed concentrations of benzene, total xylenes, and MTBE which are above the applicable Chapter 62-777, F.A.C., Table 1 Groundwater Cleanup Target Levels (GCTLs) for these constituents. The groundwater sample collected from MW-4 on May 21, 2004 revealed an MTBE concentration of 440 ug/l, which is above the Chapter 62-777, F.A.C., Table 1 GCTL of 50 ug/l for MTBE. The MTBE concentration of 1800 ug/l detected at MW-2 is also above the Chapter 62-777, F.A.C., Table V natural attenuation default source concentration of 500 ug/l for this constituent.

GROUNDWATER FLOW DIRECTION

Depth to groundwater measurements were recorded in MW-1 through MW-4 on May 21, 2004, and June 24, 2004. The top-of-casing elevations of all four permanent wells were surveyed by Handex representatives on May 21, 2004. The groundwater elevation data collected on May 21, 2004, and June 24, 2004, are summarized on **Table 4**. These data were used to construct groundwater elevation contour maps (**Figures 11 and 12**). As depicted on **Figure 11**, the groundwater flow direction of the surficial water table was calculated to be in a westerly





LEGEND

⊗ – MONITORING WELL

—P— PRODUCT PIPING

NOTE: THIS SITE PLAN IS FROM A DRAWING BY TAMPA BAY ENGINEERING, INC. DATED 3/7/91. LOCATIONS & DIMENSIONS ARE APPROXIMATE.

FIGURE 3
SITE PLAN

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
05-24-04

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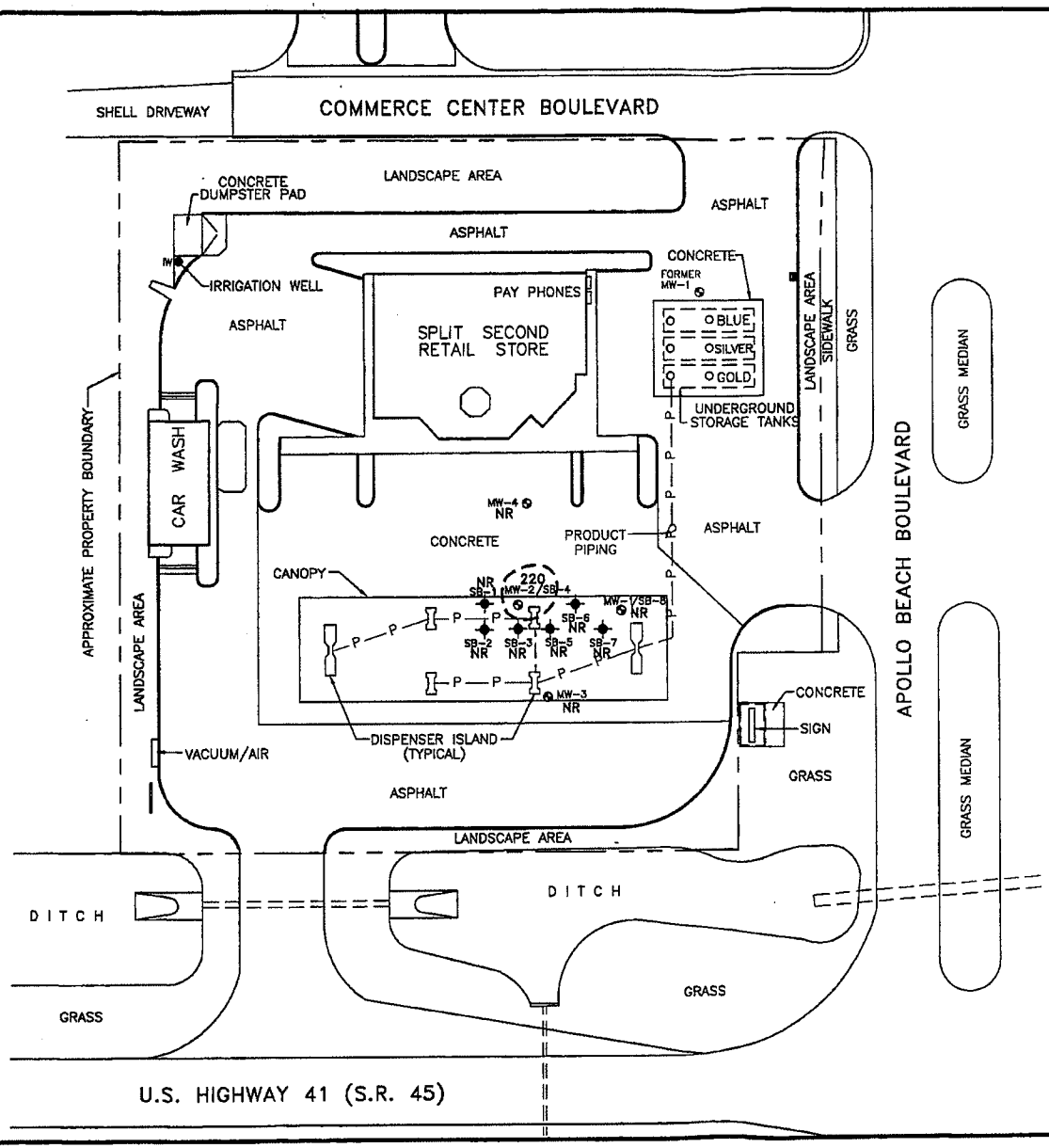

N

0 40

SCALE: 1=40'

LEGEND
- ⊕ – MONITORING WELL
- ✦ – SOIL BORING LOCATION
- —P— PRODUCT PIPING
- NR – NO OVA RESPONSE
- 220 – OVA DATA IN ppm
- DATA COLLECTED 5-18 & 5-19-04
- – ESTIMATED 0 ppm CONTOUR LINE

NOTE: THIS SITE PLAN IS FROM A DRAWING BY TAMPA BAY ENGINEERING, INC. DATED 3/7/91. LOCATIONS & DIMENSIONS ARE APPROXIMATE.

FIGURE 4
OVA HEADSPACE
SUMMARY MAP
1 FOOT BELOW LAND SURFACE

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
06-24-04

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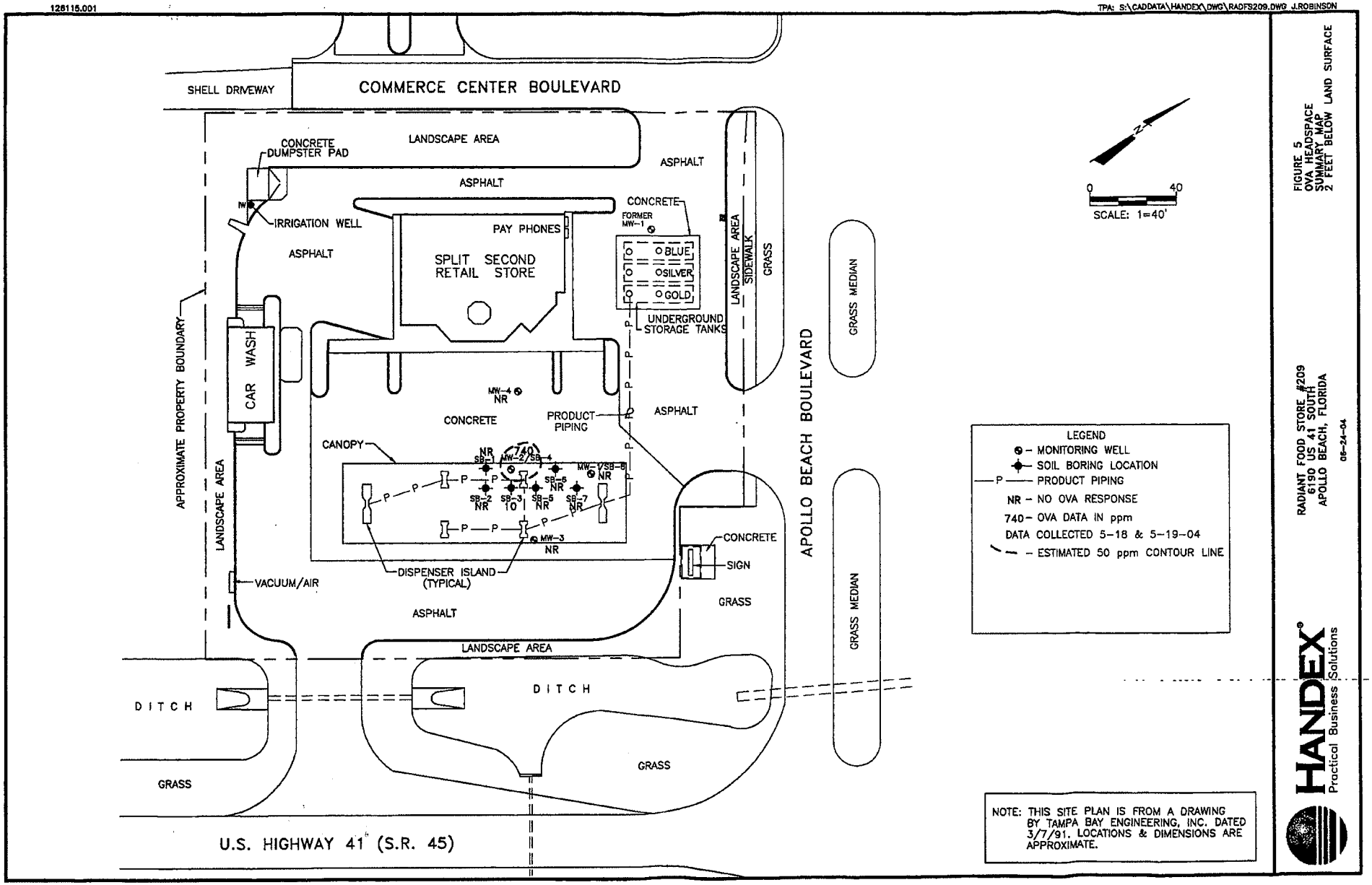

FIGURE 5
OVA HEADSPACE
SUMMARY MAP
2 FEET BELOW LAND SURFACE

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
06-24-04

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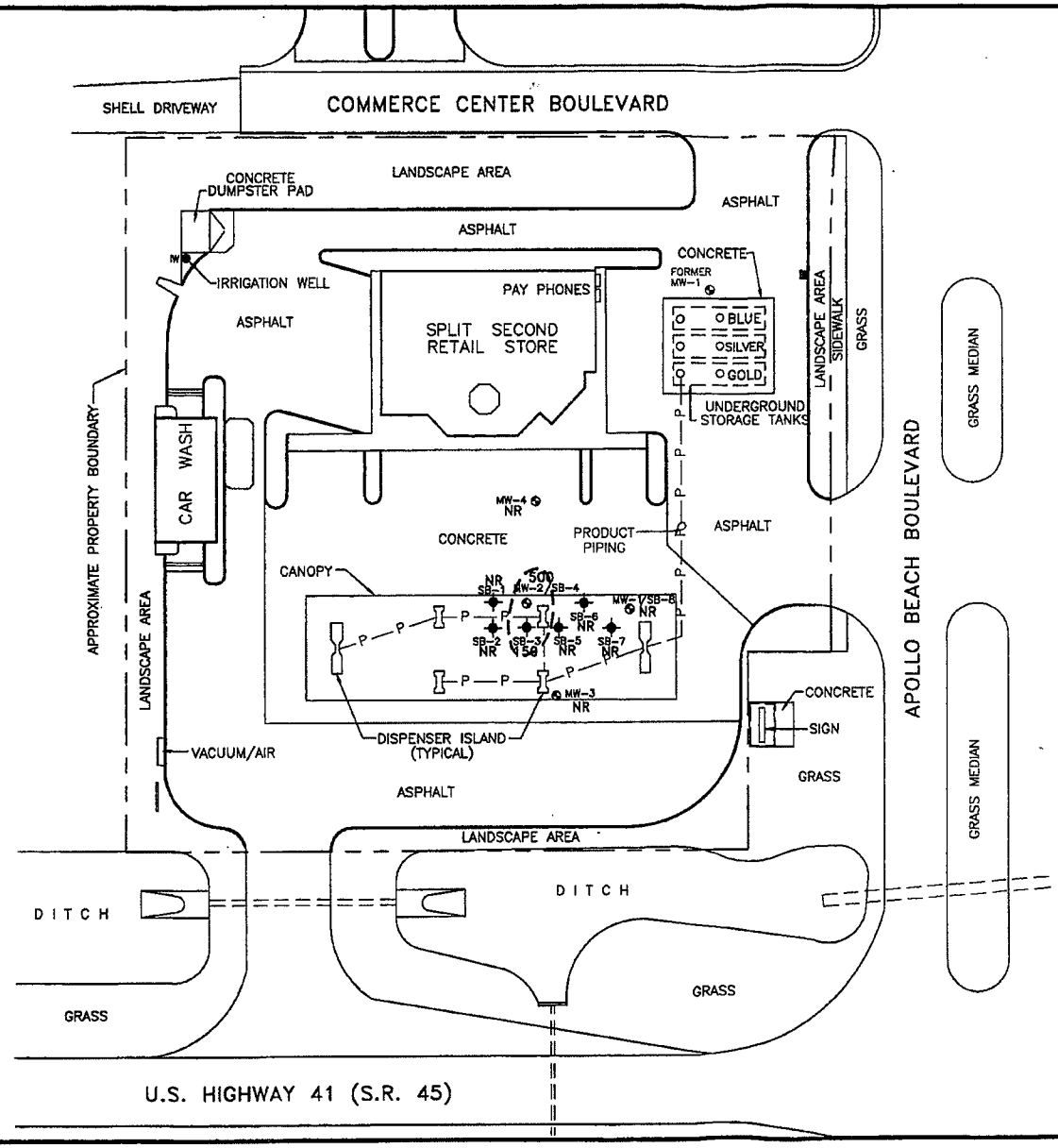

N

0 40

SCALE: 1=40'

LEGEND

- ⊙ – MONITORING WELL
- ⊕ – SOIL BORING LOCATION
- P — PRODUCT PIPING
- NR – NO OVA RESPONSE
- 500 – OVA DATA IN ppm
- DATA COLLECTED 5-18 & 5-19-04
- – ESTIMATED 50 ppm CONTOUR LINE

NOTE: THIS SITE PLAN IS FROM A DRAWING BY TAMPA BAY ENGINEERING, INC. DATED 3/7/91. LOCATIONS & DIMENSIONS ARE APPROXIMATE.

FIGURE 6
OVA HEADSPACE
SUMMARY MAP
3 FEET BELOW LAND SURFACE

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA

05-24-04

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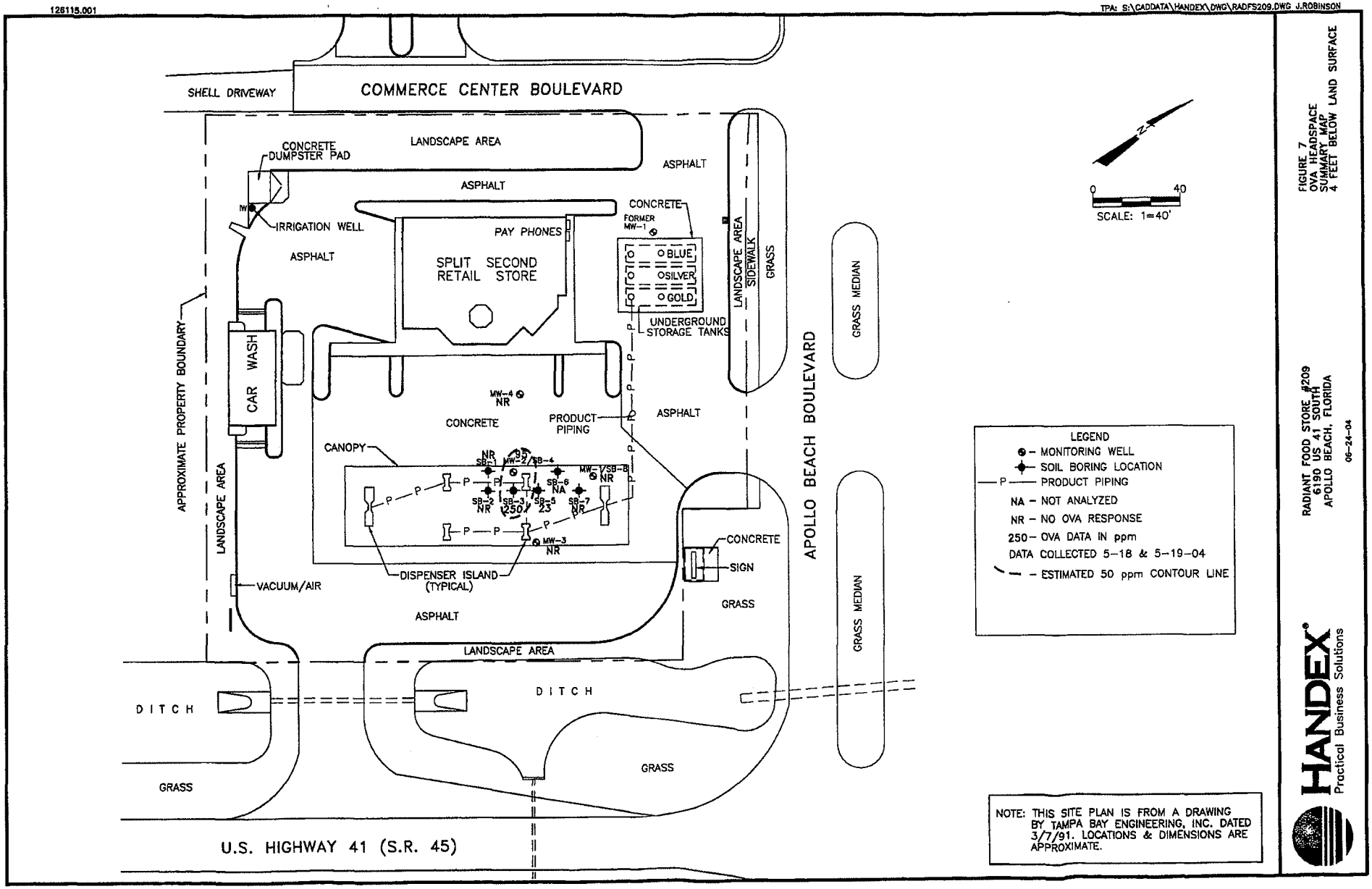

FIGURE 7
OVA HEADSPACE
SUMMARY MAP
4 FEET BELOW LAND SURFACE

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
06-24-04

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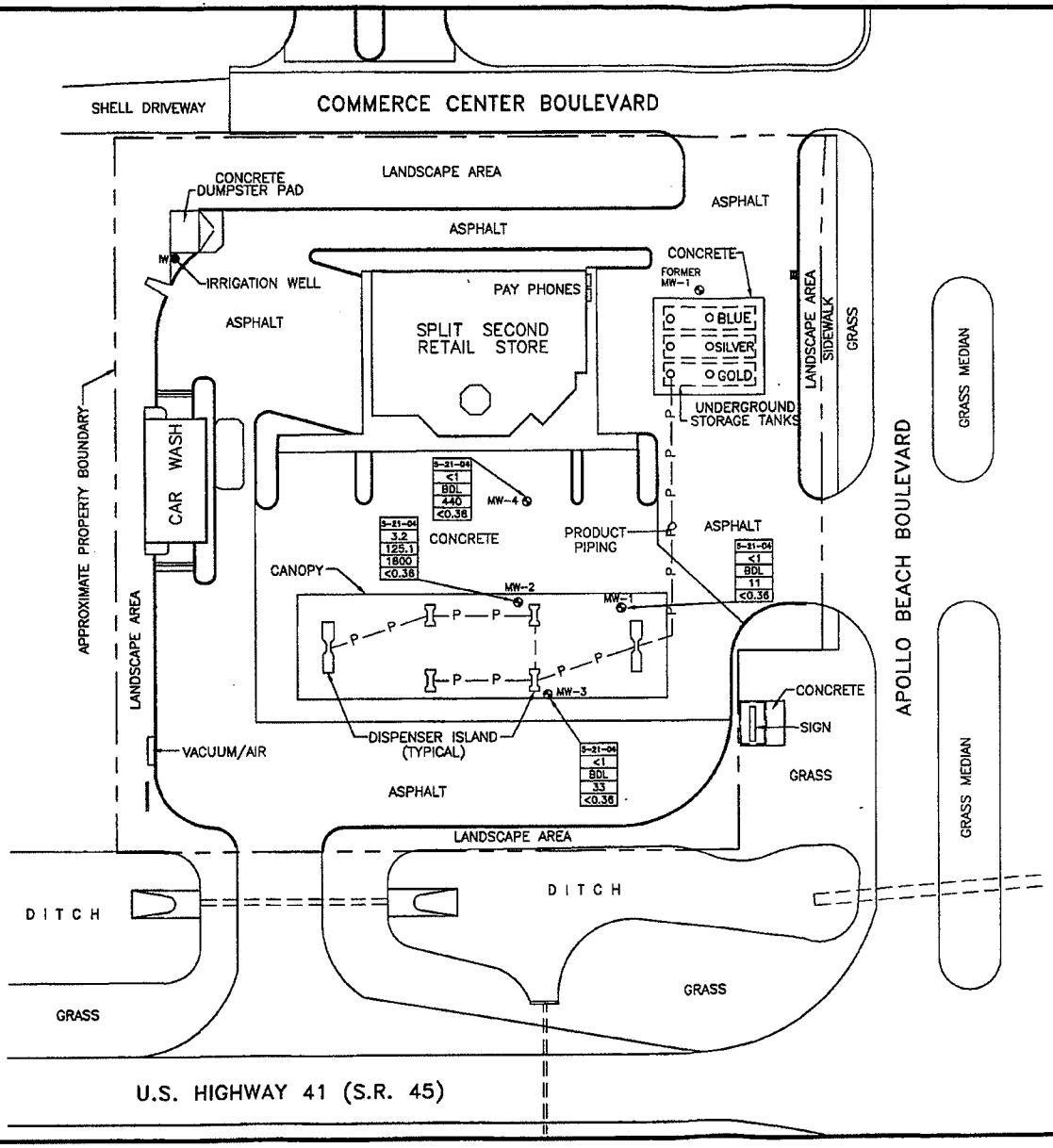

N

0 40

SCALE: 1=40'

LEGEND

⊕ – MONITORING WELL

—P— PRODUCT PIPING

5-21-04	DATE SAMPLED
<1	BENZENE CONCENTRATION (µg/L)
BDL	TOTAL VOA CONCENTRATION (µg/L)
33	MTBE CONCENTRATION (µg/L)
<0.36	NAPHTHALENE CONCENTRATION (µg/L)

BDL BELOW DETECTION LIMITS

NOTE: THIS SITE PLAN IS FROM A DRAWING BY TAMPA BAY ENGINEERING, INC. DATED 3/7/91. LOCATIONS & DIMENSIONS ARE APPROXIMATE.

FIGURE 8
DISTRIBUTION OF DISSOLVED HYDROCARBONS MAP

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
05-24-04

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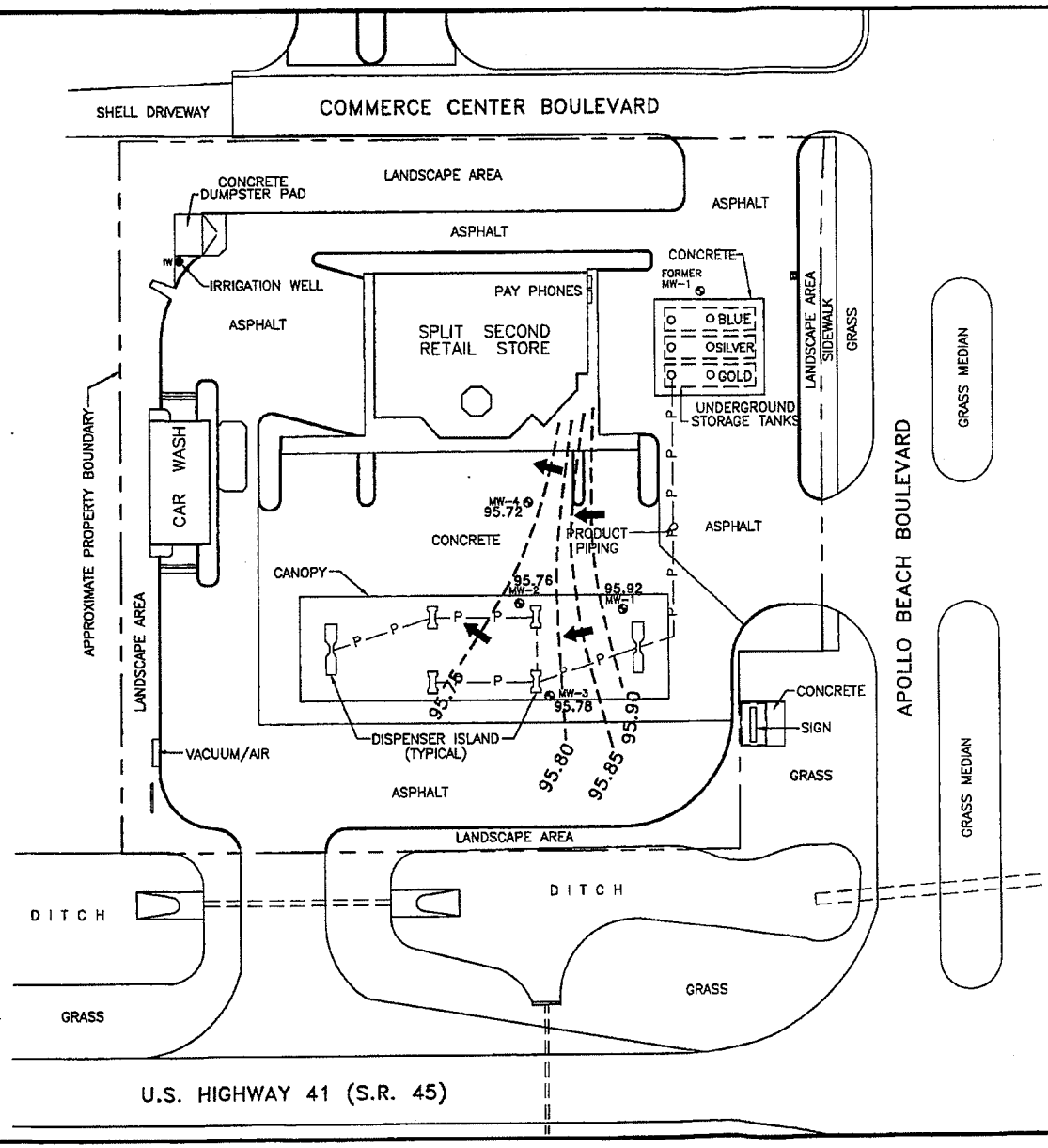

FIGURE 12
GROUNDWATER ELEVATION CONTOUR MAP
JUNE 24, 2004

RADIANT FOOD STORE #209
6190 US 41 SOUTH
APOLLO BEACH, FLORIDA
06-24-04

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TABLE 1
SUMMARY OF ORGANIC VAPORS DETECTED IN SOIL
Radiant Food Store #209
6190 U.S. Highway 41South
Apollo Beach, Florida

Soil Sample Location	Date Sampled	Depth of Soil Sample (feet bls)	Unfiltered (ppm)	Filtered (ppm)	Net - (ppm)
MW-4	5/19/04	1	NR	NA	NR
		2	NR	NA	NR
		3	NR	NA	NR
		4	NR	NA	NR
		5	NR	NA	NR

NA = Soil Not Analyzed NR = No Response
ft = feet ppm = parts per million methane equivalents

TABLE 2 - SOIL ANALYTICAL SUMMARY

Facility Name: Radiant Food Store #209
6190 U.S. Highway 41 South
Apollo Beach, FL

Facility ID#: 299102568
Handex Project #126115.001

Sample Location	Date	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	Naphthalene	1-Methyl Naphthalene	2-Methyl Naphthalene	FL PRO (mg/kg)
SB-3, 1 Ft	05/18/04	<0.99	1.3	<0.84	<2.1	1.3	54	<27	<27	<8.8	<4.8
SB-4, 2 Ft	05/18/04	<17	150	71	**390**	611	180	<23	<22	<7.4	6.2
CTLs		7	500	600	200	---	200	1700	2200	6100	340

Notes: All Concentrations in ug/kg unless otherwise noted.
Total VOA = Total Volatile Organic Aromatics (sum of benzene, toluene, ethylbenzene, and xylenes).
MTBE = Methyl-tert-butyl-ether
FL PRO = Total Recoverable Petroleum Hydrocarbons.
The 8021 (BTEX + MTBE) samples were collected using the encore sampling device.
CTLs = Chapter 62-777 F.A.C., Table II Leachability soil cleanup target levels
Bolded Values Exceed CTLs

TABLE 3 - GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Radiant Food Store #209
6190 U.S. Highway 41 South
Apollo Beach, FL

Facility ID#: 299102568
Handex Project ID#: 126115.001

Sample Location	Sample Date	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	Naphthalene	1-methyl Naphthalene	2-methyl Naphthalene	FL PRO (mg/l)	Total PAH's
MW-1	05/21/2004	<1	<0.95	<0.82	BDL	BDL	11	<0.36	<0.45	<0.35	<0.05	BDL
MW-2	05/21/2004	3.2	38	3.9	80	125.1	1800	<0.36	<0.45	<0.35	0.19	BDL
MW-3	05/21/2004	<1	<0.95	<0.82	BDL	BDL	33	<0.36	<0.45	<0.35	0.08	BDL
MW-4	05/21/2004	<1	<0.95	<0.82	BDL	BDL	440	<0.36	<0.45	<0.35	<0.05	BDL
CTLs		1	40	30	20		50	20	20	20	5	
NADSC		100	400	300	200		500	200	200	200	50	

Notes:
All Concentrations in ug/l unless otherwise noted.
NA = Parameter Not Analyzed.
BDL = All components contributing to the summed value were below their respective detection limits.
Total VOA = Total Volatile Organic Aromatics (sum of benzene, toluene, ethylbenzene, and xylenes).
MTBE = Methyl-tert-butyl-ether
Total PAHs = Sum of 8310 constituents less naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene.
EDB = Ethylene Dibromide
TRPH = Total Recoverable Petroleum Hydrocarbons.
CTLs = Chapter 62-777, Table I Groundwater Cleanup Target Levels
NADSC = Chapter 62-777 Natural Attenuation Default Source Concentrations
Bolded Values Exceed CTLs

Florida Department of Environmental Protection
Bureau of Waste Cleanup--PreApproval Program

TABLE 4 - GROUNDWATER ELEVATION TABLE

Site Name: Radiant Food Store #209
6190 U.S. 41 South
Apollo Beach, Florida

Facility ID#: 299102568
Handex Project #: 126115.001

WELL NO.	MW-1	MW-2	MW-3	MW-4		
DIAMETER	2-inch	2-inch	2-inch	2-inch		
WELL DEPTH	12 ft	12 ft	12 ft	12 ft		
SCREEN INT.	2 - 12	2 - 12	2 - 12	2 - 12		
TOC ELEV.	100.00	99.95	100.04	99.73		

DATE	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH
05/21/2004	94.58	5.42	----	94.48	5.47	----	94.66	5.38	----	94.04	5.69	----						
6/__/04	100.00		----	99.95		----	100.04		----	99.73		----						

WELL NO.					
DIAMETER					
WELL DEPTH					
SCREEN INT.					
TOC ELEV.					

DATE	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH	ELEV	DTW	LPH

ELEV = Elevation
DTW = Depth to Water
NA = Not Applicable
NM = Not Measured

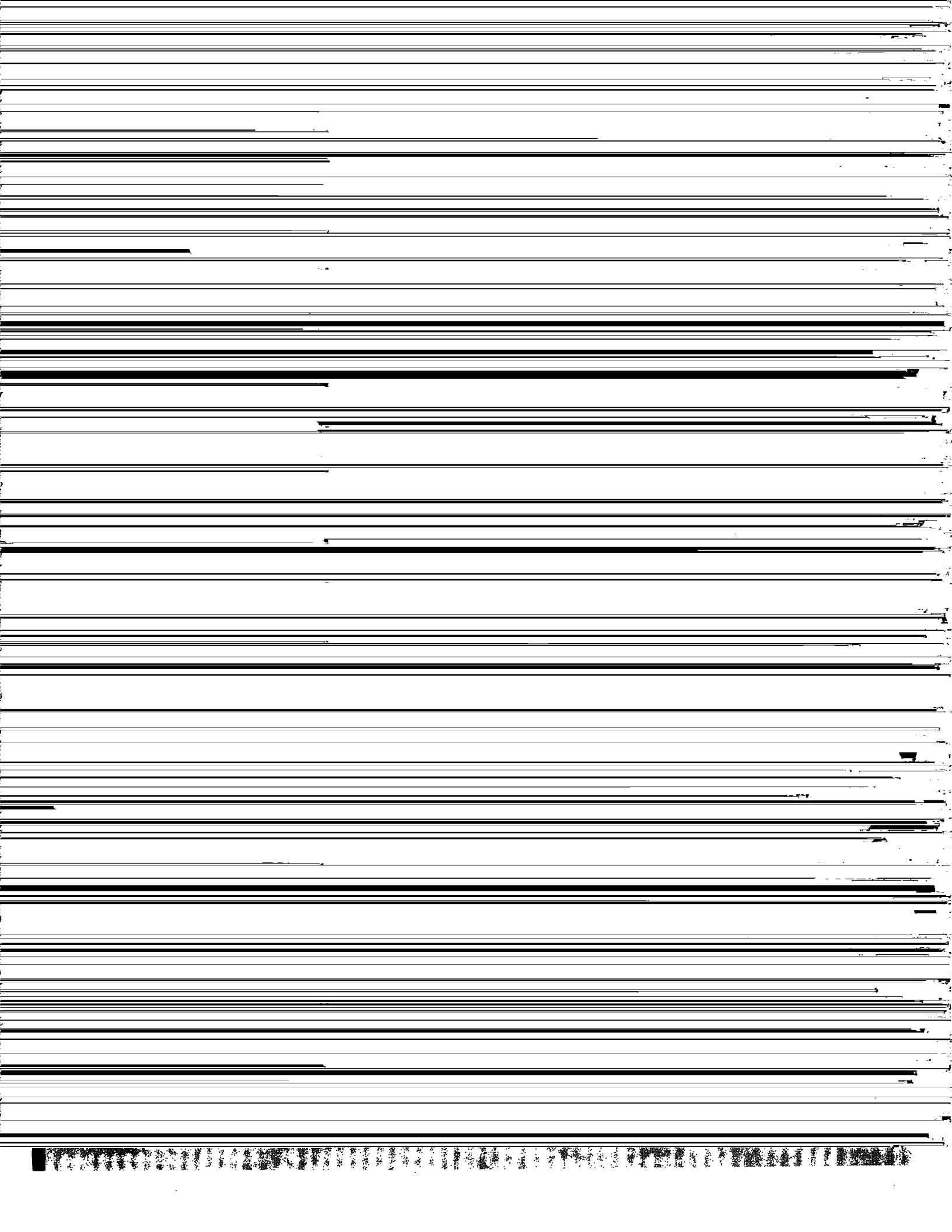
LPH = Liquid Phase Hydrocarbons
TOC = Top of Casing
NI = Well Not Installed
UN = Unknown

TABLE 5 - Potable/Irrigation Well Summary

Site Name: Radiant Food Store #209
Location: 6190 U.S. 41 South
Apollo Beach, FL

Facility ID#: 299102568
Handex #: 126115.011

Well Number (Figure 13)	Owner	Address	Type of Well	Well Depth (Feet)	Screened Interval (Feet)
1	Frandorson Mgmt Company	1 Frandorson Circle	Irrigation	140	Unknown
2	Apollo Beach Plaza	205 Apollo Beach Blvd	Irrigation	265	Unknown
3	Huges Nursery Inc.	313 Apollo Beach Blvd	Irrigation	180	Unknown
4	Apollo Beach Well #4		Public Supply	Unknown	Unknown
5	Apollo Beach Well #5		Public Supply	Unknown	Unknown
6	Apollo Beach Well #3A		Public Supply	Unknown	Unknown
7	Apollo Beach Well #6		Public Supply	Unknown	Unknown
8	Radiant Food Store #209	6190 U.S. 41 South	Irrigation	Unknown	Unknown



PROFESSIONAL ENGINEER CERTIFICATION

In accordance with the provision of Chapter 471, Florida Statutes, this Remedial Action Plan (RAP) for the Radiant Food Store #209 (RFS #209) Facility located at 6190 US Highway 41 South in Apollo Beach, Hillsborough County, Florida (FDEP Facility ID #29/9102568) has been prepared under my responsible charge, supervision and direct control.

It is my professional opinion that this RAP satisfies the requirements set forth in Chapter 62-770 F.A.C. and that the remedial design provides reasonable assurances of achieving the objectives stated in Chapter 62-770 F.A.C. The RAP is in conformity with current standards of engineering practices and principles and meets acceptable engineering standards.

James Spinnenweber, P.E.
Florida Registration No. 52106
Florida Certificate of Authorization No. 8065

11/3/05

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Table 1: Soil OVA Screening Summary
Table 2: Soil Analytical Summary
Table 3: SPLP Analytical Summary
Table 4: Groundwater Monitoring Well Analytical Summary
Table 5: Groundwater Elevation Summary
Table 6: Remedial Action Alternatives
Table 7: System Performance Monitoring Schedule

APPENDICES

Appendix A: Contaminant Mass Calculations
Appendix B: Biosolve Information
Appendix C: Groundwater Monitoring Plan
Appendix D: BPSS Milestone Spreadsheet
Appendix E: Remediation Cost Estimate
Appendix F: RAP Checklist

1.0 INTRODUCTION

The following Remedial Action Plan (RAP) has been prepared by Environmental Compliance Services, Inc. (ECS) on behalf of the Radiant Group, LLC (Radiant) for the Radiant Food Store #209 (RFS #209) located at 6190 US Highway 41 South in Apollo Beach, Hillsborough County, Florida (**Figure 1**). The design presented in this RAP is intended to meet the objectives set forth under Chapter 62-770 of the Florida Administrative Code (FAC) for Petroleum Contamination Site Cleanup Criteria. This RAP summarizes the soil and groundwater assessment activities conducted to date and provides a remediation system design to reach site closure at a reasonable cost and within a reasonable timeframe.

The site is currently operated as a convenience store and retail fuel dispensing facility, and is listed with the Florida Department of Environmental Protection (FDEP) as Facility ID #29/9102568. A site plan is provided as **Figure 2**. The site plan depicts the current location of the underground storage tanks (USTs), dispensing pump islands, and all site monitoring wells.

1.1 Facility Background

The site was first developed for commercial use in 1991 when it was constructed for its current use as a retail petroleum station and convenience store. The petroleum equipment installed at the site in 1991 is still in use today and consists of three 12,000-gallon capacity gasoline underground storage tanks (USTs), six multi-product dispenser islands, and an overhead canopy. New product distribution lines were installed in 2003 and are constructed of double walled fiberglass. The USTs are fiberglass clad steel.

Two releases of petroleum products have been reported for this facility. The first incident was reported to the Hillsborough County Environmental Protection Commission (EPC) on December 15, 2000, following the receipt of laboratory analytical results for a groundwater sample collected from a temporary well in which methyl-tertiary butyl-ether (MTBE) was present at a concentration exceeding the Groundwater Cleanup Target Levels (GCTLs) per Chapter 62-777 of the Florida Administrative Code (FAC).

Subsequent soil and groundwater sampling and analyses were completed during three site investigation efforts between January and September 2001. The results of the investigation activities indicated that low concentrations of MTBE were present in a groundwater sample collected from a permanently installed monitoring well, but at levels below the GCTL. An October 16, 2001 request for a No Further Action (NFA) status, prepared by Handex, Inc. of Florida (Handex), was granted and a Site Rehabilitation Completion Order (SRCO) was issued for the site on December 6, 2001.

The second incident was initially reported to EPC on August 15, 2003 when contaminated soil was discovered during the installation of new product lines. Elevated organic vapor analyzer (OVA) readings were recorded on several soil samples that were field screened for the presence of organic vapors. A discharge report form (DRF) was submitted on September 4, 2003, immediately following the receipt of laboratory analytical data confirming that one or more compounds were present in soil at concentrations above the soil cleanup target levels (SCTLs) per Chapter 62-777 FAC.

Site assessment activities were initiated at the site in May 2004 by Handex with the completion of eight soil borings surrounding the location where soil contamination was observed in August 2003. Soil borings were completed to depths of approximately 5 feet below land surface (bls), the approximate depth to the water table. Soil samples were collected at one foot intervals, logged for lithology, and screened with the OVA for the presence of organic vapors. Two confirmatory soil samples were collected for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes, and MTBE (BTEX+MTBE) by EPA

Method 8021, for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8310, and for total recoverable petroleum hydrocarbons (TRPH) by FDEP Method FL-PRO. Total xylenes were present in the soil sample collected from soil boring SB-4 at a depth of 2 feet bls at a concentration that exceeded the SCTL for the compound.

Four groundwater monitoring wells (MW-1 through MW-4) were also installed as part of the May 2004 site investigation in the locations depicted on **Figure 2**. Samples were collected from the newly installed wells and analyzed for BTEX +MTBE by EPA Method 8021, for PAHs by EPA Method 8310, and for TRPH by FDEP Method FL-PRO. Results of the analyses indicated that MTBE was present in two groundwater samples at concentrations that exceeded the GCTL, one of which exceeded the Natural Attenuation Default Concentration (NADC) per Chapter 62-777 FAC. A Site Assessment report was prepared and submitted to the EPC on June 28, 2004.

In August 2004, Handex returned to the site to complete additional site assessment activities to further define the extent of groundwater contamination related to the September 2003 discharge. Three shallow groundwater monitoring wells (MW-5, MW-6, and MW-7) and one deep groundwater monitoring well (DW-8) were installed in the locations identified on **Figure 2**. Groundwater sampling activities completed immediately following well installation included the collection of samples from the newly installed wells for the analysis of BTEX+MTBE by EPA Method 8021, and from previously installed MW-2 for the analysis of halogenated compounds by EPA Method 8021, for ethylene dibromide (EDB), and total lead. MTBE was detected in monitoring well MW-7 at a concentration of 550 micrograms per liter (µg/L), just above the NADC of 500 µg/L. Groundwater samples collected from the remaining wells did not indicate the presence of any compounds above the applicable GCTLs. Based on the results of the investigation activities completed between May and August 2004, Handex recommended that a natural attenuation monitoring program be implemented at the site to evaluate the trends of groundwater contaminant concentrations.

A November 4, 2004 deliverable review letter prepared by EPC stated that the commission was not in agreement with the implementation of a natural attenuation monitoring program since the concentrations of MTBE in two of the monitoring wells (MW-2 and MW-7) exceeded the NADC for MTBE. Furthermore, the concentration of total xylenes in soil sample SB-4 (2') exceeded the SCTL for the compound. SB-4 was installed in the same location as MW-2. In a November 18, 2004 Site Assessment Report Addendum, Handex recommended performing additional soil sampling with a synthetic precipitation leachate procedure (SPLP) and analysis for BTEX+MTBE and the performance of an overpurge event on monitoring wells MW-2 and MW-7 to reduce MTBE concentrations in groundwater to below NADC levels.

Between February 14 and 28, 2005, ECS implemented the Handex recommendations. An 8-hour overpurge event was completed at the site with groundwater and vapor extraction occurring independently from monitoring wells MW-2 (5 hours) and MW-7 (3 hours). During the overpurge activities, approximately 1,250 gallons of water was extracted from the wells. Two weeks following the overpurge event, ECS returned to the site to perform the soil sampling for SPLP analysis and to collect groundwater samples from monitoring wells MW-2 and MW-7 following the overpurge event.

The results of the February 28, 2005 soil sampling event showed that contaminants were not leaching from the soil at concentrations that would impact groundwater. Groundwater analytical results indicated that MTBE concentrations were reduced to below NADC levels at MW-7, and were reduced from 1,800 µg/L to 1,510 µg/L at MW-2. In a March 31, 2005 Site Assessment Report Addendum #3, ECS recommended performing additional overpurge events to further reduce MTBE concentrations, specifically targeting MW-2 to reduce MTBE to below NADC levels.

On April 17, 2005, FDEP issued revised contaminant cleanup target levels under Chapter 62-777 FAC. Both the GCTL and the NADC levels for MTBE were revised to 20 µg/L and 200 µg/L, respectively. Due to the reduction in cleanup target levels, the concentration of MTBE in monitoring wells MW-2, MW-4, and MW-7 were above the newly revised NADC levels. EPC therefore requested that active remediation be performed at the site to address the MTBE in groundwater at these locations.

General site characteristics are summarized as follows:

Facility Location and Description	
Facility Name and Address:	Radiant Food Store #209 6190 US Highway 41 North Apollo Beach, Florida
Facility Type:	Facility operates as a Radiant Food Store, retail gasoline station, and automatic car wash.
Site Lithology:	Soils observed during drilling activities consist of mixed brown/gray silty, fine grained sand from grade to approximatcly 26 feet bls, followed by a dense blue-green sandy clay. Site subsurface exploration has not occurred to below 27 feet bls. At the neighboring property to the north, the sandy clay unit was observed to be approximately 10 feet thick.
Aquifer Characteristics:	No site specific aquifer testing has been completed. Published hydraulic conductivity values for silty sand range from 10^{-4} to 10^{-6} cm/s (0.3 to 30 feet per day). (Fetter, 1994)
Potable Wells:	A potable well search completed by Handex in 2004 identified four irrigation wells and four public water supply wells within ½ mile of the site. The supply wells are not currently in use.

2.0 SITE ASSESSMENT DATA

2.1 Soil Quality

Following the installation of the new product piping in 2004, eight soil borings were completed to approximately 5 feet bls in the locations shown on **Figure 3**. During the installation of the soil borings, soil samples were collected at one foot intervals and screened with an OVA (**Table 1**). Confirmatory soil samples were collected from SB-3 at 1 ft, and SB-4 at 3 ft bls for laboratory analysis. The soil sample collected from SB-4 contained concentrations of total xylenes over the FDEP's Soil Leachability levels. Subsequent soil sampling was completed on February 28, 2005 during which a soil sample was collected from soil boring SB-4A at 3 ft bls. The sample was analyzed for BTEX+MTBE by EPA Method 8021 following the SPLP protocol. The historical soil samples results are presented in **Tables 2 and 3**. The horizontal and vertical extents of petroleum hydrocarbon impacts defined by recent subsurface soil screening events are presented on **Figures 4 through 7**. The results of SPLP analyses conducted on a sample recovered from soil boring SB-4A are presented on **Figure 8** and summarized in **Table 3**. The SPLP analysis also indicated that target compounds are not leaching from soils to groundwater.

2.2 Groundwater Quality

Between May 21, 2004 and February 28, 2005, groundwater samples were collected from site monitoring wells and analyzed for BTEX+MTBE, and PAHs. The groundwater analytical results are summarized in **Table 4**. A groundwater plume map illustrating the zone of MTBE concentrations exceeding the NADC levels is presented in **Figure 9**.

Based on the analytical results, the area identified as impacted measures approximately 110 feet by 40 feet and remains within the site boundaries.

Groundwater elevation data is provided in **Table 5.** A groundwater elevation contour map, created from the September 10, 2004 monitoring data, indicates that the groundwater flows from local hydraulic highs on the east and west edges of the monitoring well network to a lower elevation trough between monitoring wells MW-2, MW-4, and MW-7 (**Figure 10**). Historical groundwater flow directions have been observed to the southwest and west.

2.3 Liquid-Phase Hydrocarbons (LPHs)

LPHs have not been detected at this site since groundwater monitoring activities began in 2000.

2.4 Contaminant Mass Estimate

As required by Chapter 62-770.700(3)(d), FAC, contaminant volume and mass estimate calculations are provided in **Appendix A**. An estimated 57,727 gallons of groundwater are impacted by petroleum-related compounds. Based on soil and groundwater analytical results, a contaminant mass of 0.38 pounds of MTBE is estimated. Soil impacts are relatively minimal, and based on the SPLP results discussed in Section 2.1 above, are not considered in the overall remedial mass calculation. Any residual soil impacts that may be present will be addressed by the selected technology. Contaminant mass estimates are highly variable and may be significantly higher or lower than the estimate.

3.0 EVALUATION OF REMEDIAL ACTION ALTERNATIVES

3.1 INITIAL SCREENING CRITERIA FOR REMEDIAL ACTION ALTERNATIVES

An initial screening of remedial action alternatives was conducted to identify remedial alternatives that may be used to achieve the remediation goals for the site. The screening process was based upon the Federal Remediation Technologies Roundtable Remediation Technologies Screening Matrix and Reference Guide Version 3.0. The matrix used for comparison of remedial action alternatives is provided as **Table 6**.

Each of the remedial action alternatives presented in **Table 6** was scored on the basis of its effectiveness, reliability, cleanup time, and overall costs to reduce the level of risk posed by the concentrations of petroleum hydrocarbons in the groundwater and soil at the site. The scoring was determined as follows:

	SCORE				
CHARACTERISTIC	**0**	**3**	**5**	**7**	**10**
Effectiveness	Ineffective	Possible	Somewhat Effective	Effective	Very Effective
Reliability	Not Reliable	Limited Reliability	Somewhat Reliable	Reliable	Very Reliable
Cleanup Time	Slowest	Slow	Average	Fast	Fastest
Overall Costs	Exorbitant	Very Costly	Average Cost	Inexpensive	Low or No Cost

A remedial action alternative was considered to be **Not Viable** if the effectiveness, reliability, or overall cleanup time of the alternative was considered to be zero or if the combined score of the effectiveness, reliability, cleanup time, and overall costs was calculated to be less than 15. A remedial action alternative was considered to be **Potentially Viable** if the effectiveness, reliability, and cleanup time were greater than zero and if the combined score of effectiveness, reliability, cleanup time, and overall costs was between 15 and 20. A remedial action alternative was considered to be **Viable** if the effectiveness, reliability, and cleanup time were greater than zero and if the combined score of effectiveness, reliability, cleanup time, and overall costs was greater than 20.

3.2 REMEDIAL ACTION ALTERNATIVES EVALUATION

Based upon the initial screening of remedial action alternatives presented in **Table 6**, four alternatives were selected as economically viable remediation methods for the site. These alternatives, in addition to natural attenuation, are discussed in detail below.

3.2.1 Biosparging/Bioventing

Biosparging is a process for treating volatile contaminants in groundwater and soil below the water table through the injection of air. As air is injected into the subsurface at a low flowrate (less than 5 cubic feet per minute), water is displaced in many pore-sized flow channels. This process typically increases dissolved oxygen in the groundwater, enhancing aerobic degradation of petroleum constituents in the saturated and vadose zones. The contaminants are subsequently volatilized near each channel.

Bioventing is a process for treating volatile contaminants in the vadose zone soil via air advection in the subsurface. Microorganisms in the unsaturated zone are stimulated by the additional oxygen introduced to the soils. Contaminants are degraded in the subsurface rather than treated above ground via carbon adsorption or thermal treatment.

Biosparging would need to be combined with bioventing at this site to effectively treat contaminated soil and groundwater. This treatment alternative would require a longer time to reduce dissolved concentrations below applicable standards than air sparging (AS)/soil vapor extraction (SVE).

3.2.2 Air Sparging/Soil Vapor Extraction

Air sparging (AS) in conjunction with SVE would provide a high assurance of cleanup within a fairly short, full-time operational period. AS is a process for treating volatile contaminants in groundwater and soil below the water table through the injection of air. As air is injected into the subsurface, water is displaced in many pore-sized flow channels. The contaminants are subsequently volatilized near each channel. Contaminant concentration gradients develop near each channel that in turn increase the rate of diffusion toward each channel. AS also aids in the aerobic degradation of petroleum compounds. The SVE system will recover vapors produced by the sparge system and address the unsaturated zone contamination. The combination of AS and SVE addresses the contamination both within the groundwater and the vadose zone, regardless of varying water levels. An AS/SVE system can be implemented and maintained more cost-effectively than a permanently installed multi-phase extraction (MPE) or vacuum-enhanced groundwater recovery system and can achieve remediation objectives in similar time.

3.2.3 Multi-Phase Extraction

MPE consists of the simultaneous extraction of groundwater, light non-aqueous phase liquids (LNAPL), and vapors from either vertical screened recovery wells or horizontal trenches installed into the saturated zone. Impacted groundwater and soil vapors are recovered under vacuum using a high-vacuum blower. Depending on the depth to groundwater and anticipated groundwater yields, drop pipes or down-well suction tubing with air intakes may be installed to aid groundwater recovery. This remedial alternative has the capability of utilizing high vacuums, greater than 10 inches of mercury (in. Hg), to extract fluids as well as vapors from the impacted formation. MPE is effective at extracting constituents present in both the unsaturated and saturated zones, and is highly effective in silty or low permeability soils. MPE exposes saturated soils by dewatering a localized area, allowing volatilization and aerobic degradation of residual petroleum hydrocarbons. Volatilized soil vapors recovered by the blower or pump can be treated by thermal or catalytic incineration or by carbon adsorption. MPE would include the installation of an on-site remedial system with a high-vacuum blower, groundwater treatment equipment, and an infiltration gallery or connection to municipal sewer for the discharge of treated groundwater.

3.2.4 Multi-Phase Extraction (MPE)/High Intensity Targeted (HIT) Remediation With or Without Surfactant Enhancement

MPE/HIT would be effective at extracting impacted groundwater and LNAPL in the source area. The MPE/HIT program will require the installation of an extraction well network with an aggressive radius of influence consisting of injection and extraction wells throughout the impacted zone. Impacted groundwater is recovered utilizing a drop tube in a recovery well and an applied vacuum over a period of 8 to 24 hours. This alternative will also remove petroleum hydrocarbon vapors periodically from the unsaturated zone. This remedial alternative has the capability of utilizing high vacuums, greater than 15 inches of mercury (in. Hg), to extract fluids as well as vapors from the impacted formation. Volatilized soil vapors recovered by the blower or pump can be treated by carbon adsorption if mass recovery rates will cause the discharge of petroleum vapors at concentrations above the FDEP limit of 13.7 pounds per day. A MPE/HIT system alone could be implemented and maintained more cost-effectively than a multi-phase extraction (MPE), however the addition of a surfactant by injection could achieve remediation objectives in even less time.

Due to the capillary forces directly influencing the contaminants in the subsurface, MPE/HIT alone will only treat a portion of the plume. Using a surfactant will minimize the capillary forces that retain the remaining fraction of residual contaminants. Surfactant enhancement involves the injecting of a surfactant solution into the contaminated zone and simultaneously or subsequently extracting water using the MPE/HIT remediation system to maintain hydraulic control over the movement of the surfactant solution and prevent the potential mobilization of contaminants. Typically, surfactant injection is followed by a groundwater extraction event to remove residual contaminants and injected surfactant. Field studies of surfactant injection and recovery have shown documented success in the past.

3.2.5 Natural Attenuation

The natural attenuation (NA) of contaminants, such as those detected at the site, is not practical at this time because contaminant concentrations within the source area are currently above the NADC levels. Once levels are reduced within the source area to well below the NADC, a natural attenuation program may be implemented to monitor the further reduction in concentrations over time. The overall cost associated with monitored natural attenuation includes the cost of groundwater sampling, analysis, and reporting. Quarterly sampling during the first and last year of monitored natural attenuation contributes a large percentage to the total cost of this strategy but overall, annual monitoring can far less costly than active, full-scale remediation.

3.3 SELECTED REMEDIAL ACTION ALTERNATIVES

MPE/HIT with or without surfactant enhancement has been selected as the primary remedial strategy for the facility. MPE/HIT will adequately address all on-site contaminants and will be less costly than any other active remedial alternative. Should the initial MPE/HIT events not adequately address the groundwater contaminants, one or more subsequent events will be completed following the injection of a surfactant into the subsurface within the contaminant plume. Petroleum hydrocarbons will be remediated by volatilization and/or biodegradation. Hydrogeologic conditions are ideal for surfactant injection due to the permeable nature of the soils at the site. MPE/HIT will be completed until MTBE concentrations in groundwater reach 70% of the NADC levels. Following attainment of this cleanup milestone, an evaluation will be conducted whether to continue with additional MPE/HIT events to further reduce MTBE concentrations in groundwater or to develop a natural attenuation monitoring program to further monitor the contaminant reductions in groundwater.

of 0.020-inch slotted screen and 2 feet of solid riser. The wells will be completed inside of a 12-inch diameter well vault and capped for the subsequent connection to the extraction equipment. Well construction details for the vertical SVE wells are presented on **Figure 13.**

5.4.2 MPE/HIT Equipment

Vacuum extraction equipment will be provided by a specialty vacuum truck contractor, Ecovac. The vacuum equipment is significantly larger than found on conventional vacuum trucks, and consists of multiple vacuum pumps rated to a combined 100 horsepower and capable of applied vacuums of 27 inches of mercury (in-Hg) and 880 cubic feet per minute (cfm) open airflow.

An extraction manifold will be connected to the vacuum truck, complete with flow control valves, sight glasses, and connections for up to eight extraction wells. The extraction wellheads will be completed with a sanitary well seal with a 1.5-inch diameter drop tube set below the water table to enhance groundwater depression and a 1-inch diameter air bleed valve. The drop tube will be connected to the extraction manifold using 2-inch diameter flexible vacuum hose.

Extracted groundwater and soil vapors will be routed to the vacuum truck where the groundwater and vapor will be separated in the 3,000 gallon holding tank of the vacuum truck. Vapors will be discharged to the atmosphere, and the water will be batched for subsequent off site disposal.

5.4.3 Vapor Off-Gas Treatment

The Bureau of Petroleum Storage Systems Guideline BPSS-4 (05/10/00) states that emissions treatment should be provided for the first 30 days of operation such that the total hazardous air emissions treatment will be maintained below 13.7 pounds (lb) per day.

With the estimated contaminant mass in the subsurface less than one pound, ECS does not believe that off-gas treatment is necessary. Data will be collected during the first extraction event to demonstrate that mass air emissions criteria are being met. Samples will be collected from the vacuum truck effluent at startup, after 4 hours of operation, and at the completion of the extraction event. Samples will be analyzed for BTEX+MTBE and TRPH by EPA Method 18. Results of the first extraction event will be reported to EPC before the second event is scheduled.

5.4.4 Groundwater Treatment and Disposal

As indicated in Section 5.4.2 groundwater recovered during the extraction event will be batched in the holding tank of the vacuum truck until 90% capacity has been reached. Water will then be transferred to a tanker truck and transported off site for treatment/disposal at an FDEP certified water treatment facility. Certificates of disposal will be provided within each operation and maintenance (O&M) report.

5.4.5 Surfactant Injection Wells

Should surfactant injections be necessary to enhance contaminant removal rates, ECS will install injection points in locations determined by groundwater contaminant concentrations immediately prior to injection activities. The wells will be installed using a Geoprobe or similar direct push rig to depths ranging from 8 ft to 10 ft bls. The depth setting will be such that the top of the injection well screen will be placed approximately 2 ft below the water table. The wells will be constructed using 2 ft of 1-inch diameter 0.010" slotted PVC well screen attached to a length of

8.0 CONCLUSIONS AND SUMMARY

The proposed remedial approach presented within this RAP is designed to reduce petroleum hydrocarbon concentrations in groundwater beneath the site to meet FDEP standards. This objective will be met using an MPE/HIT approach with the potential incorporation of a Biosolve® Injection system to simultaneously remove hydrocarbon impacted groundwater and vapors from the unsaturated and dewatered zones. A copy of the RAP checklist is included in **Appendix F**.

9.0 REFERENCES

Handex, Inc. of Florida, Request for No Further Action, Amoco #60407, 6190 US Highway 41, Apollo Beach, Florida, January 2001

Handex, Inc. of Florida, Second Request for No Further Action, Amoco #60407, 6190 US Highway 41, Apollo Beach, Florida, August 2001

Handex, Inc. of Florida, Third Request for No Further Action, Amoco #60407, 6190 US Highway 41, Apollo Beach, Florida, October 2001

Handex, Inc. of Florida, Site Assessment Report, Radiant Food Store #209, 6190 US Highway 41, Apollo Beach, Florida, June 2004

Handex, Inc. of Florida, Site Assessment Report Addendum, Radiant Food Store #209, 6190 US Highway 41, Apollo Beach, Florida, October 2004

Handex, Inc. of Florida, Site Assessment Report Addendum No. 2, Radiant Food Store #209, 6190 US Highway 41, Apollo Beach, Florida, November 2004

Environmental Compliance Services, Inc., Site Assessment Report Addendum #3, Radiant Food Store #209, 6190 US Highway 41, Apollo Beach, Florida, March 2005

FIGURES

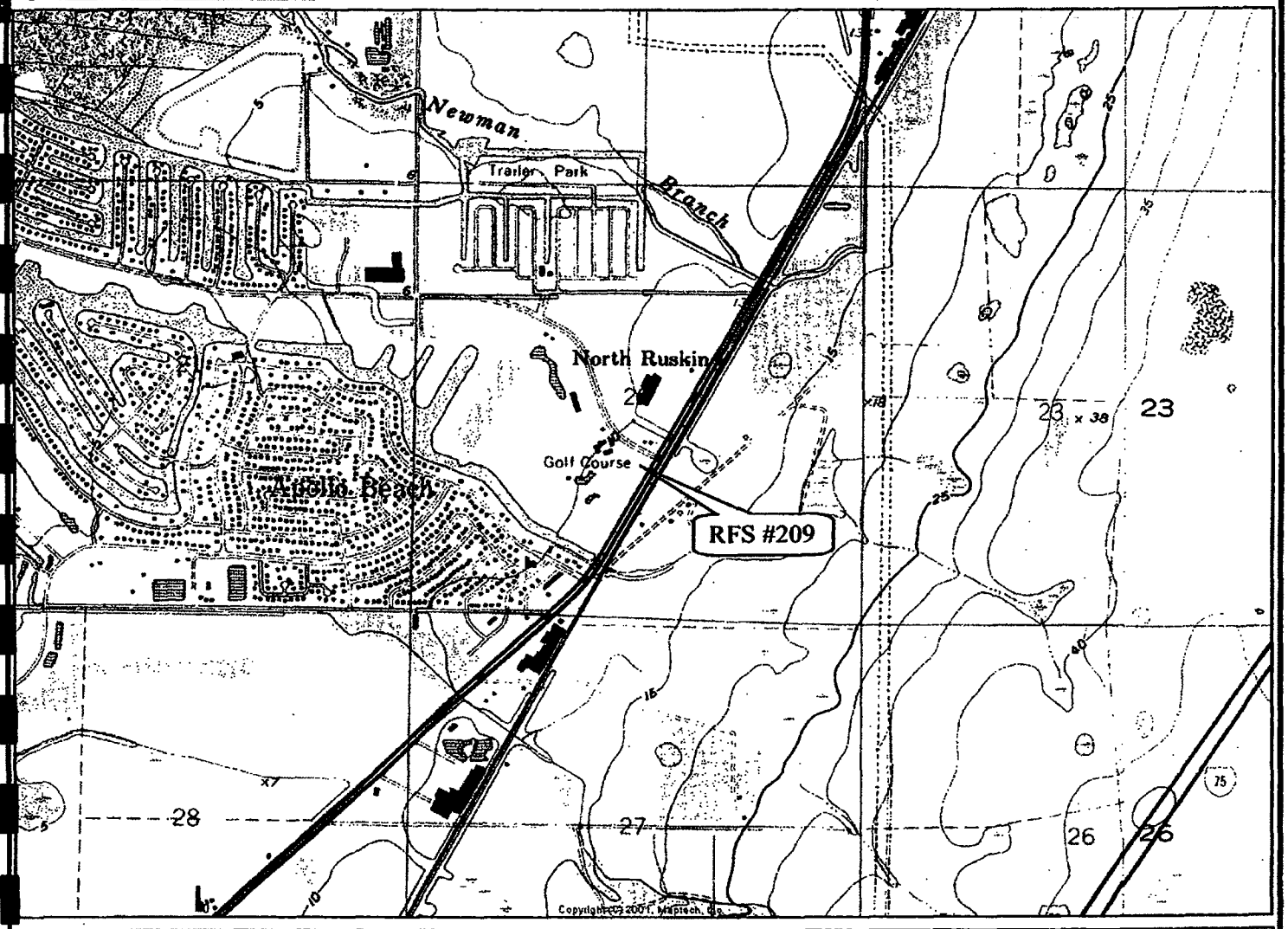
ecs
Environmental Compliance Services, Inc.
1209 Tech Boulevard Suite 202, Tampa, FL 33619
Phone (813)-612-5900 Fax (813)-612-5910
www.ecsconsult.com

SITE LOCATION MAP

Figure: 1

RFS #209
6190 US Highway 41
Apollo Beach, FL

Job Number: 06-203549



1 1/2 0 1 Mile

1 inch = 1500 feet

Contour Interval: 5 Feet

North

Base Map: U.S. Geological Survey; Quadrangle Location: Gibsonton, FL

Latitude and Longitude: 27d 46" 5.98' North / 82d 23" 33.86' West

Map Edited: 1956 *Map Revised: 1987* *Generated By: JB*

Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

JUN 2 1 2006

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. John P. Myers Jr.
Radiant Group LLC
P.O. Box 5238
Tampa, FL 33675

Subject: Remedial Action Plan Approval Order
Radiant Food Store # 209
6190 US Highway 41 North
Tampa, Hillsborough County
FDEP Facility ID# 299102568
Discharge Date: September 3, 2003 (Non-program)

Dear Mr. Myers:

Environmental Protection Commission of Hillsborough County (EPCHC) staff has reviewed the Remedial Action Plan (RAP) dated November 3, 2005 (received February 28, 2006), along with supplemental information dated through April 28, 2006 (received through May 1, 2006), prepared and submitted by ECS for the petroleum product discharge referenced above. We found all the documents submitted to date to be adequate to meet the RAP requirements of rule 62-770.700, Florida Administrative Code (F.A.C.). The Florida Department of Environmental Protection (Department) has determined that the actions proposed in this RAP, inclusive of supplemental information dated through May 1, 2006, represent a reasonable strategy toward accomplishing the cleanup objectives of Chapter 62-770, F.A.C. The operation of the active remediation system must be initiated within 120 days, as required by subsection 62-770.700(11), F.A.C.

You are also required to submit to EPCHC record drawings (as-built drawings) of the treatment system within 120 days of initiating operation of the active remediation system(s). These drawings must be certified by a professional engineer.

Legal Issues

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

referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

The FDEP Facility Number for this site is 299102568. Please use this identification on all future correspondence with the Department or EPCHC.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/nm

cc: Grace Rivera, FDEP – BPSS (PCS2)
Noel Morera, EPCHC
Richard Deuerling, Division of Water Resource Management
James Spinnenweber, P.E. ECS, 1209 Tech Boulevard, Suite 202, Tampa, FL 33619
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Nancy C Dan
Clerk
(or Deputy Clerk)

JUN 2 1 2006
Date

COMMISSION
Brian Blair
Kathy Castor
Ken Hagan
Jim Norman
Thomas Scott
Mark Sharpe
Ronda Storms

Roger P. Stewart Center
3629 Queen Palm Dr. • Tampa, FL 33619
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Admin.	627-2620	Waste	627-2640
Legal	627-2602	Wetlands	627-2630
Water	627-2670	ERM	627-2650
Air	627-2660	Lab	272-5157

Executive Director
Richard D. Garrity, Ph.D.

P.E. CERTIFICATION
Voluntary Cleanup Site
Remedial Action Plan

The Remedial Action Plan (RAP) dated November 3, 2005 (received February 28, 2006), along with supplemental information dated through April 28, 2006 (received through May 1, 2006), prepared and submitted by ECS for Radiant Food Store # 209, 6190 US Highway 41 North, Tampa. The facility number for this site is 299102568.

I hereby certify that in my professional judgment, the engineering design features incorporated in this Remedial Action Plan provide reasonable assurance of complying with the effluent concentrations specified for the treatment system, and achieving air emissions discharge criteria in accordance with Chapter 62-770, Florida Administrative Code (F.A.C.), for remedial action. In addition, I hereby certify that in my professional judgment the engineering design features incorporated in this Remedial Action Plan will not result in a detrimental impact to human health or the environment. However, I have not evaluated and do not certify the effectiveness of the proposed design on achieving cleanup target levels beyond the objectives specified in the RAP. In addition, I have not evaluated and do not certify aspects of this plan that are outside my area of expertise (including, but not limited to, electrical, mechanical, and structural features).

___X___ I personally completed this review.

_____ This review was conducted by _____
working under my direct supervision.

Noel Morera, P.E.
Professional Engineer
Florida Reg. # 56033

5-24-06
Date

Florida Department of
Environmental Protection
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

July 11, 2007

CERTIFIED MAIL #7006 3450 0000 2160 5906
RETURN RECEIPT REQUESTED

Mr. John P. Myers Jr.
Radiant Group LLC
P. O. Box 5238
Tampa, Florida 33625

Subject: Natural Attenuation Monitoring Plan Approval Order
Radiant Food Store #209
6190 US Highway 41 North
Tampa, Hillsborough County
FDEP Facility ID# 299102568
Discharge Date: September 3, 2003 (Non-program)

Dear Mr. Myers:

Environmental Protection Commission of Hillsborough County (EPCHC) has reviewed the Natural Attenuation Monitoring (NAM) Plan dated March 13, 2007 (received March 13. 2007), submitted for the petroleum product discharge referenced above. Pursuant to Paragraph 62-770.690(5)(a), Florida Administrative Code (F.A.C.). the Florida Department of Environmental Protection (Department) approves the NAM Plan. Pursuant to Subsection 62-770.690(8), F.A.C.. you are required to complete the monitoring program outlined below. The first sampling event must be performed within 60 days of receipt of this Natural Attenuation Monitoring Plan Approval Order (Order). Water-level measurements must be made immediately prior to each sampling event. The analytical results (laboratory report), chain of custody record form, cumulative summary tables as required by Subparagraph 62-770.600(8)(a)25., F.A.C. (updated as applicable), site map(s) that illustrate the most recent analytical results, and the water-level elevation information (cumulative summary table and most recent flow interpretation map), must be submitted to EPCHC within 60 days of sample collection.

The monitoring wells to be sampled, the sampling parameters, and the sampling frequency are as follows:

Monitoring Wells	Contaminants of Concern	Frequency
MW-2. MW-3, MW-4, MW-5 and MW-7	BTEX and MTBE	Quarterly

If concentrations of contaminants of concern in any of the designated wells increase above the action levels listed below, the well or wells must be resampled no later than 30 days after the initial positive results are known. If the results of the resampling confirm the initial sampling results, then the monitoring report referenced in Paragraph 62-770.690(8)(d), F.A.C.,

must be signed and sealed by an appropriate registered professional pursuant to Rule 62-770.490, F.A.C., and must include a recommendation as described in Paragraph 62-770.690(8)(e), F.A.C.

Contaminated wells:
MW-2, MW-4 and MW-7: 100 µg/L Benzene; 400 µg/L Toluene; 300 µg/L Ethylbenzene; 200 µg/L Xylene; and 200 µg/L MTBE.

Perimeter wells (temporary point of compliance):
MW-3 and MW-5: 1 µg/L Benzene; 40 µg/L Toluene; 30 µg/L Ethylbenzene; 20 µg/L Xylene; and 20 µg/L MTBE.

If the applicable No Further Action criteria of Rule 62-770.680. F.A.C., are met for two consecutive sampling events at the end of the monitoring period (for at least the last two sampling events), a Site Rehabilitation Completion Report with a No Further Action Proposal, that summarizes the monitoring program and contains documentation to support the opinion that the cleanup objectives have been achieved, must be submitted to EPCHC as required in Subsection 62-770.690(10), F.A.C. If the applicable No Further Action criteria of Rule 62-770.680, F.A.C., are not met following one year of monitoring, then the monitoring report must include a recommendation as described in Paragraph 62-770.690(8)(f), F.A.C.

Please send a copy of the approved SAR documents to Ken Weber of the Southwest Florida Water Management District within 30 days of receiving this approval letter.

Legal Issues

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. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

(A) If you choose to accept the Department's decision regarding the NAM Plan you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

(B) If you choose to challenge the decision, you may do the following:

(1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or

(2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Radiant Group LLC, shall mail a copy of the request to Radiant Group LLC at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Radiant Group LLC, shall mail a copy of the petition to Radiant Group LLC at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57. F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
(b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
(c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
(e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect

until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, 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 after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding EPCHC's review of your NAM Plan should be directed to Sheila A. Luce at (813) 627-2600, extension 1304. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

The FDEP Facility Number for this facility is 299102568. Please use this identification on all future correspondence with the Department or EPCHC.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/sal

cc: Sheila A. Luce, EPCHC
Sultan Anjum, P.E., ECS, 1209 Tech Boulevard, Suite 202, Tampa, Florida 33619
Ken Weber, Southwest Florida Water Management District, 2379 Broad Street, Brooksville, Florida 34604-6899
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Nancy C Dan — Clerk (or Deputy Clerk)
7-11-2007 — Date

P.G. CERTIFICATION

Natural Attenuation Monitoring Plan for Radiant Food Store #209, located at 6190 U.S. Highway 41 North, Tampa, FDEP Facility ID# 299102568.

I hereby certify that in my professional judgment, the reported components of this Natural Attenuation Monitoring Plan satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the objectives stated in Chapter 62-770, F.A.C., have been met.

__ I personally completed this review.

_x_ This review was conducted by _Sheila A. Luce_ working under my direct supervision.

Carl J. Heintz, P.G.
Professional Geologist 1829
Environmental Protection Commission of Hillsborough County

6/18/07
Date

THE FGS GROUP

UST Management/Hazardous Waste Management/Fence Installation
Environmental Assessments/Hydrogeology/Industrial Hygiene/Engineering
Environmental Construction /Environmental Remediation

October 6, 2008

Ms. Sheila A. Luce
Hillsborough County Environmental Protection Commission
3629 Queen Palm Drive
Tampa, FL 33619

RECEIVED
OCT 0 8 2008
EPC Waste Management Division

RE: Radiant Food Store #209
6190 US Highway 41 North
Apollo Beach, Hillsborough County, Florida
FDEP ID #29/9102568
FGS Job No. RE80017.25

Initials ____
Date ____

Dear Ms. Luce:

In accordance with the Natural Attenuation Monitoring Plan approved in FDEP correspondence dated, 2007, The FGS Group (FGS) has completed natural attenuation monitoring (NAM) sampling activities at the Radiant Food Store #209 facility. The subject facility is located 6190 US Highway 41 North, Apollo Beach, Florida (**Figure 1**). All work was completed in accordance with the FGS Comprehensive Quality Assurance Plan and the FDEP Standard Operating Procedures for Field Sampling Activities.

Groundwater Sampling Activities
FGS personnel collected groundwater samples on September 24, 2008 from on-site monitoring wells MW-2, MW-3, MW-4, MW-5 and MW-7. Sampling activities were performed in accordance with FDEP-SOP-001/01, FS 2200 Groundwater Sampling. The samples were collected using a peristaltic pump, placed on ice in a storage cooler, and transported to Advanced Environmental Laboratories, Inc. for analysis in accordance with EPA Method 8260 (BTEX/MTBE). The locations of the wells are depicted on **Figure 2**.

Groundwater Analytical Results
Laboratory analytical results indicated that the concentration of MTBE (38 ug/L) in MW-5 was above Chapter 62-770, F.A.C Groundwater Cleanup Target Levels (GCTLs) but within Natural Attenuation Default Concentrations. All other concentrations of petroleum constituents tested were below GCTLs. The laboratory results are summarized in **Table 1** and are depicted on **Figure 3**. The laboratory analytical report and chain of custody form are provided in **Attachment A**, and groundwater sampling and equipment calibration logs are included in **Attachment B**.

Groundwater Elevation Measurements

Water table measurements were collected prior to the sampling of each on-site monitoring well. The water level was measured to the nearest 0.01 foot using an electronic water level indicator, and the depth to water in each well is summarized in **Table 2**. The results indicated that the groundwater in the surficial aquifer is generally flowing toward the southwest (**Figure 4**).

Conclusions and Recommendations

Analytical results from the September 24, 2008 sampling event indicated that the concentration of MTBE in MW-5 was above GCTLs but below NADCs. All other concentrations sampled for were below GCTLs and/or the detection limits of the laboratory. Therefore, FGS recommends continuing the quarterly natural attenuation sampling activities with the next sampling event to occur in December 2008. Should you have questions or require additional information, please contact this office at (813) 623-1557 ext. 227.

Sincerely,
The FGS Group

Bryan Valladares
Project Scientist

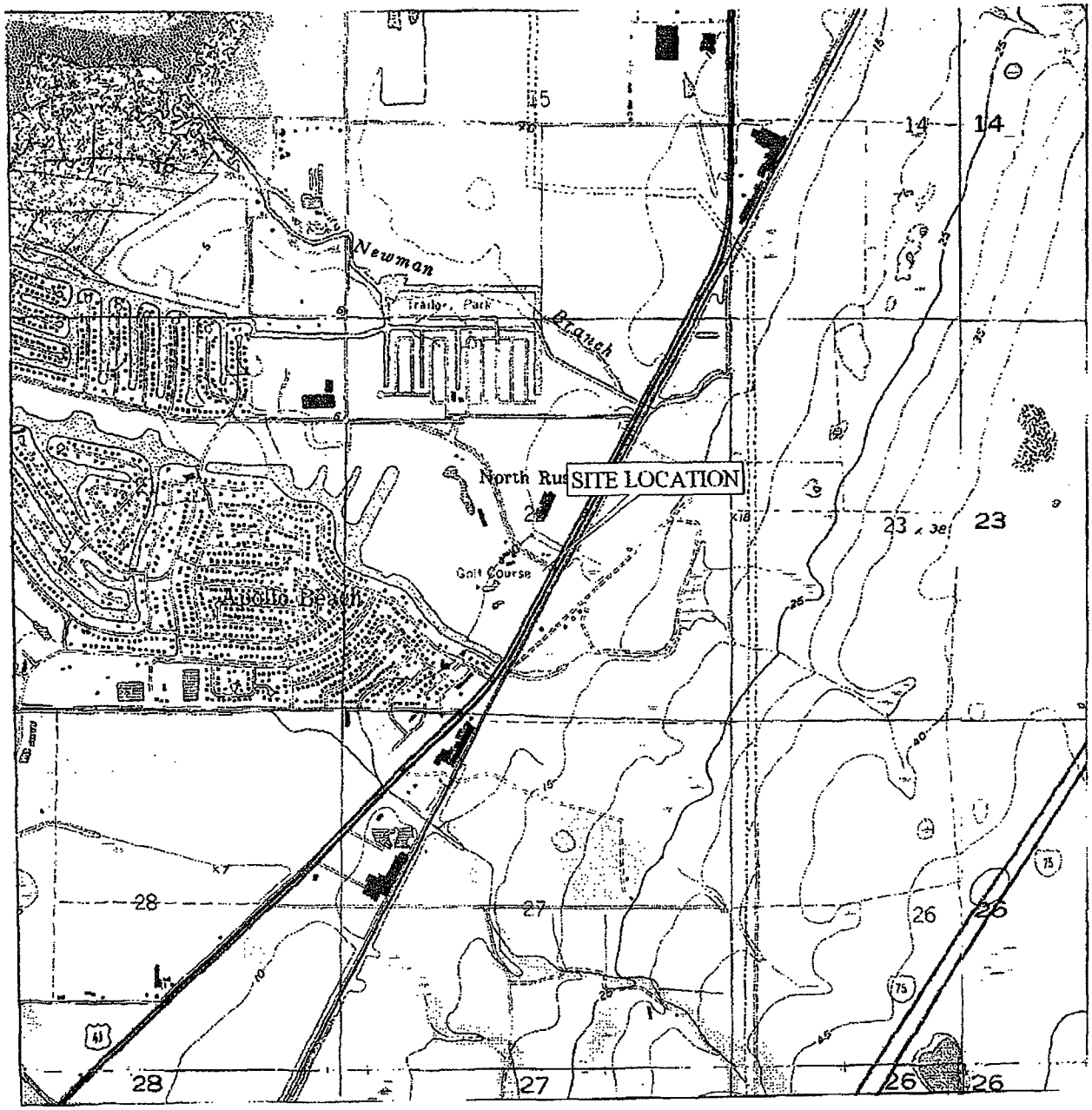
James Bettencourt
Regional Manager

Attachments

FIGURES

RE80017.25

FIGURE 1
SITE LOCATION MAP
RADIANT #209
APOLLO BEACH, FLORIDA



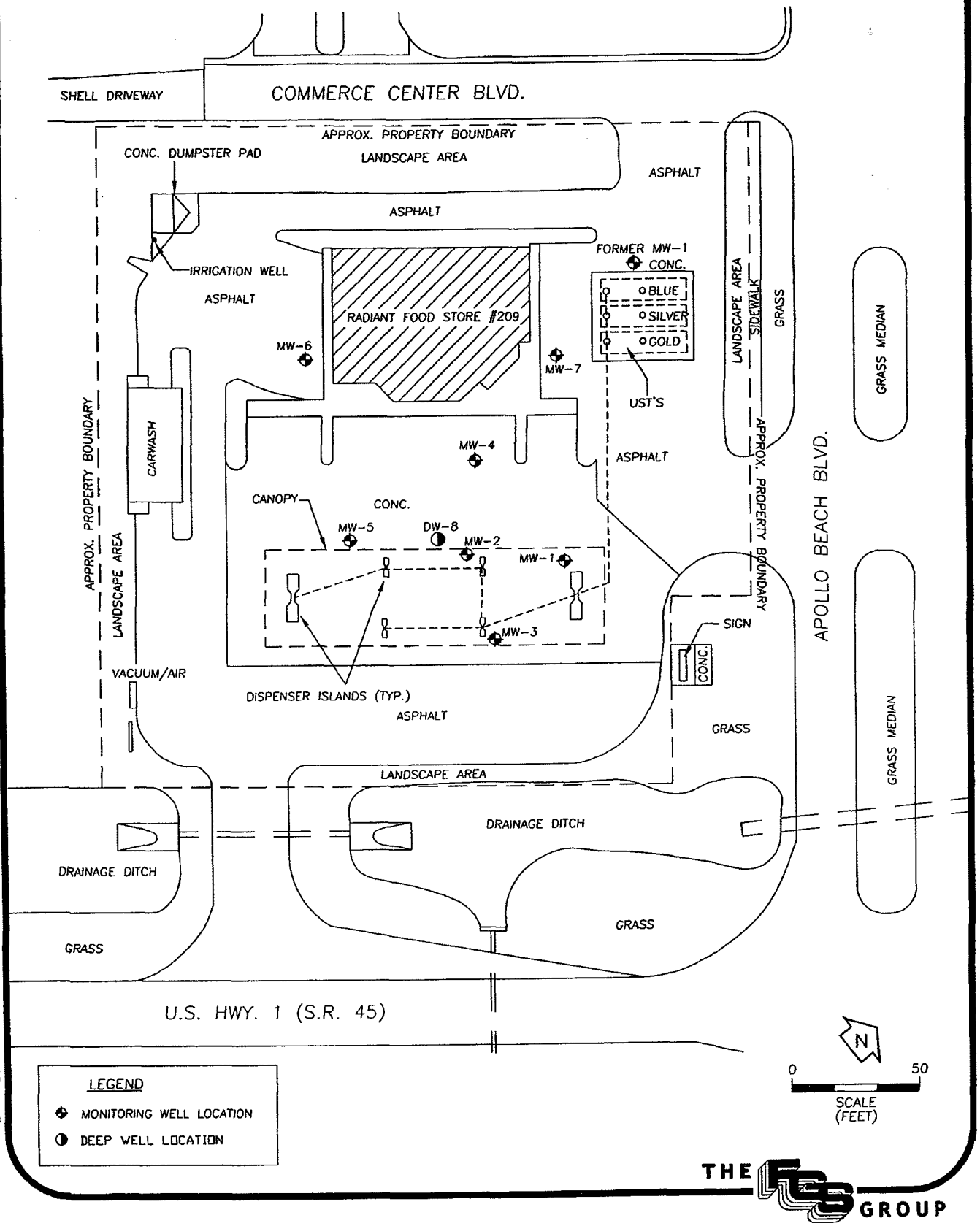
SOURCE: USGS DeLORME 3-D TOPOQUADS. APOLLO BEACH, FL.

THE GROUP

F1-SITE-LOC-4-08

RE80017.25

FIGURE 2
SITE LAYOUT MAP
RADIANT #209
APOLLO BEACH, FLORIDA



F2-SITELAY-4-08

THE FGS GROUP

TABLE 2: GROUNDWATER ELEVATION TABLE

Facility Name: Radiant #209 **Facility ID#:** 29/9102568

All Measurements = Feet
No Data = Blank
NM-Not Measured
NI-Well Not Installed

Note: All measurements prior to 3/18/2008 reported by previous consultant.

Well No.	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Diameter (inches)	2	2	2	2	2	2
Well Depth	12.00	12.00	12.00	12.00	12.00	12.00
Screen Interval	2.0-12.0	2.0-12.0	2.0-12.0	2.0-12.0	2.0-12.0	2.0-12.0
TOC Elevation	100.00	99.95	100.04	99.73	99.84	100.55

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
5/21/2004	94.58	5.42	NM	94.48	5.47	NM	94.66	5.38	NM	94.04	5.69	NM	NI	NI	NI	NI	NI	NI
6/24/2004	95.92	4.08	NM	95.76	4.19	NM	95.78	4.26	NM	95.72	4.01	NM	NI	NI	NI	NI	NI	NI
9/10/2004	98.13	1.87	NM	97.78	2.17	NM	97.83	2.21	NM	97.89	1.84	NM	97.83	2.01	NM	98.82	1.73	NM
2/18/2005	NM	NM	NM	95.00	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/28/2005	NM	NM	NM	94.26	5.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
11/14/2006	NM	NM	NM	95.23	4.72	NM	NM	NM	NM	95.15	4.58	NM	NM	NM	NM	NM	NM	NM
2/27/2007	95.98	4.02	NM	95.86	4.09	NM	95.99	4.05	NM	95.82	3.91	NM	95.79	4.05	NM	NM	NM	NM
4/17/2008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	96.33	4.22	NM
3/18/2008	96.32	3.68	0.00	96.25	3.70	0.00	96.14	3.90	0.00	96.19	3.54	0.00	96.14	3.70	0.00	97.03	3.52	0.00
6/24/2008	NM	NM	NM	95.34	4.61	NM	95.42	4.62	NM	95.29	4.44	NM	95.32	4.52	NM	NM	NM	NM
9/24/2008	NM	NM	NM	95.65	4.30	NM	95.66	4.38	NM	95.53	4.20	NM	95.50	4.34	NM	96.19	4.36	NM

Well No.	MW-7	DW-8				
Diameter (inches)	2	2				
Well Depth	12.00	27.00				
Screen Interval	2.0-12.0	22.0-27.0				
TOC Elevation	99.85	99.40				

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
5/21/2004	NI	NI	NI	NI	NI	NI												
6/24/2004	NI	NI	NI	NI	NI	NI												
9/10/2004	97.88	1.97	NM	97.29	2.11	NM												
2/18/2005	95.20	4.64	NM	NM	NM	NM												
2/28/2005	95.53	4.32	NM	NM	NM	NM												
11/14/2006	95.22	4.63	NM	NM	NM	NM												
2/28/2007	95.84	3.91	NM	95.81	4.13	NM												
4/17/2007	NM	NM	NM	NM	NM	NM												
3/18/2008	96.31	3.54	0.00	95.30	4.10	0.00												
6/24/2008	95.37	4.48	NM	NM	NM	NM												
9/24/2008	95.55	4.30	NM	95.14	4.26	NM												

Discharge Report Form

PLEASE PRINT OR TYPE

DEP Form # 62-761.900(1)
Form Title Discharge Report Form
Effective Date: July 13, 1998

RECEIVED
SEP 05 2003
EPC/Waste Management Division
Storage Tank Compliance

Instructions are on the reverse side. Please complete all applicable blanks

1. **Facility ID Number** (if registered): 29902568 2. **Date of form completion:** 9-4-03

3. **General information**
Facility name or responsible party (if applicable): Former Amoco 60407, Radiant Food Store #209
Facility Owner or Operator, or Discharger: Radiant Oil Group
Contact Person: Mr. John Myers Telephone Number: (813) 247-4731 County: Hillsborough
Facility or Discharger Mailing Address: P.O. Box 5238, Tampa, FL 33675
Location of Discharge (street address): 6190 U.S. Hwy 41, Apollo Beach, FL
Latitude and Longitude of Discharge (if known)

4. **Date of receipt of test results or discovery of confirmed discharge:** 9/3/03 month/day/year

5. **Estimated number of gallons discharged:** Unknown

6. **Discharge affected:** [ ] Air [X] Soil [ ] Groundwater [ ] Drinking water well(s) [ ] Shoreline [ ] Surface water (water body name)

7. **Method of discovery** (check all that apply)
[ ] Liquid detector (automatic or manual)
[ ] Vapor detector (automatic or manual)
[ ] Tightness test
[ ] Pressure test
[ ] Statistical Inventory Reconciliation
[ ] Internal inspection
[ ] Inventory control
[ ] Monitoring wells
[ ] Automatic tank gauging
[ ] Manual tank gauging
[ ] Closure/Closure Assessment
[ ] Groundwater analytical samples
[X] Soil analytical tests or samples
[ ] Visual observation
[ ] Other

8. **Type of regulated substance discharged:** (check one)
[ ] Unknown [ ] Used/waste oil [ ] Jet fuel [ ] Heating oil [ ] New/lube oil
[X] Gasoline [ ] Aviation gas [ ] Diesel [ ] Kerosene [ ] Mineral acid
[ ] *Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives* (write in name or Chemical Abstract Service (CAS) number)
[ ] Other

9. **Source of Discharge:** (check all that apply)
[X] Dispensing system [ ] Pipe [ ] Barge [ ] Pipeline [ ] Vehicle
[ ] Tank [ ] Fitting [ ] Tanker ship [ ] Railroad tankcar [ ] Airplane
[ ] Unknown [ ] Valve failure [ ] Other Vessel [ ] Tank truck [ ] Drum
[ ] Other

10. **Cause of the discharge:** (check all that apply)
[ ] Loose connection [ ] Puncture [ ] Spill [ ] Collision [ ] Corrosion
[ ] Fire/explosion [ ] Overfill [ ] Human error [ ] Vehicle Accident [ ] Installation failure
[X] Other Unknown

11. **Actions taken in response to the discharge:** None, product lines were being replaced when impacted soil was encountered.

12. **Comments:** INF Filed 8-15-03 Based on OVA Readings.

13. **Agencies notified** (as applicable):
[ ] State Warning Point 1-800 320-0519
[ ] National Response Center 1-800-424-8802
[ ] Florida Marine Patrol (800) 342-5367
[ ] Fire Department.
[ ] DEP (district/person)
[X] County Tanks Program Mike McKelvey

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

Barry A. Roda, HANDEX
Printed Name of Owner, Operator or Authorized Representative or Discharger

Barry A Roda, HANDEX
Signature of Owner, Operator or Authorized Representative or Discharger

STORAGE TANK SECTION
2003 APR 30 PM 2:16
RECEIVED D.E.P.

In PCT

Site 18:
Ruskin Vegetable Corporation

Site 18

PROGRAM ELIGIBILITY REVIEW CHECKLIST/ROUTING SLIP

Reviewed By: Nancy Harper
Facility ID#: 298943981
Addressee:
Fac. Name: Ruskin Vegetable Corp.
Company Name: Ruskin Vegetable Corp.
Address: 5909 Tamiami Trail N
Apollo Bch, FL
Address: 50 E. North Temple Rm. 2223
Salt Lake City, UT 84150-3620

ATRP EDI FPLRIP PCPP **DRF PCPP**

PreApproval Amended Re-Evaluation Partial

Latitude 27 / 45 / 46.0000 Longitude 82 / 23 / 52.0000 AMENDED ____ Date of Original ___/___/___

INITIALS	DATE	
[illegible]	12/19/05	LOI 6 / 22 / 89 Discovery Date 6 / 22 / 89 Inspection Date 3 / 1 / 90
[illegible]	12/19/05	Review Documentation / STCM Application Tracking
[illegible]	12/19/05	Prepare Letter or Final Order (Check Appropriate Line)
		X 1. Eligible for State Assisted Cleanup per s. 376.30711, F.S.
		____ 2. Ineligible
[illegible]	12/27/05	Review Letter (Check each line after verification of Information)
		X 1. Proper Addressee
		X 2. Facility Name
		X 3. Facility Address
		X 4. DEP Facility Number
		____ 5. CC: All Other Applicants ____
		X 6. CC: SW District Tanks Supervisor
		X 7. CC: Cleanup LP Mike McKelvey, Hillsborough
		X 8 CC: Compliance LP Monica Sylvain, Hillsborough
		____ 9. CC: DEP OGC ____
		____ 10. CC: Site Manager ____
[illegible]	12/27/05	Bureau Chief Signature
[illegible]	12/27/05	Mail Registered/Certified
[illegible]	12/27/05	Department Clerk Stamp, Signature and Mail Copies
		File Copy of Letter or Final Order to Log Out
N/A	N/A	**INELIGIBLE** Data Entry
	N/A	Send to Scoring
[illegible]	12/19/05	**ELIGIBLE** Data Entry
	yes	Send to Scoring

____ DEDUCTIBLE ____ EXISTING FILE - Historical References: X NEW FILE

____ (Supplemental) - I ____

____ TOTAL II ____

$300,000.00 CAP III a b ____

25% COPAY ____

Department of Environmental Protection

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

Jeb Bush
Governor

Colleen M Castille
Secretary

December 27, 2005

-CERTIFIED MAIL-RETURN RECEIPT REQUESTED-
-NUMBER 8361 5794

Ruskin Vegetable Corp.
50 E. North Temple, Room 2223
Salt Lake City, Utah 84150-3620

RE: Ruskin Vegetable Corporation – 5909 Tamiami Trail N., Apollo Beach, FL
Incident Date: June 22, 1989 - DEP Facility #298943981

Dear Sir or Madam:

In an effort to encourage detection, reporting and cleanup of contamination caused by discharges of petroleum or petroleum products, the Florida Legislature created the **Petroleum Cleanup Participation Program** (PCPP) to provide rehabilitative funding assistance for property contaminated by discharges of petroleum or petroleum products occurring before January 1, 1995.

In accordance with Subsection 376.3071(13)(a), Florida Statutes (F.S.), the Department shall accept any discharge reporting form received prior to January 1, 1995, or a written report of the contamination incident, including evidence that the incident occurred prior to January 1, 1995, received by the Department prior to December 31, 1998, as an application for the PCP program. The Department has reviewed its records for the above referenced site and discharge and has determined that the **June 22, 1989** discharge has not been cleaned up and is **eligible** for the PCP program.

Maintaining eligibility in the PCP program is contingent upon the following requirements. First, when the Department notifies you that funding has become available for this discharge, a Limited Contamination Assessment Report (LCAR) must be prepared and submitted to the Department. The Department will review the LCAR to confirm the existence of petroleum contamination and a final verification that the discharge meets the requirements set forth in Subsection 376.3071(13), F.S. will be made at that time. Second, you will need to enter into a PCP program agreement with the Department and commit to pay 25 percent of the cost of the cleanup. The Department will pay the remaining 75 percent of the pre-approved cost, up to $300,000. If the cleanup cost exceeds the Department's share of $300,000, you will be obligated to continue the cleanup until completion, at your own expense. The LCAR and co-payment costs may be reduced or eliminated if the owner, operator and all persons responsible are financially

unable to comply with these requirements. You will be notified of, and allowed an opportunity to pursue, that option at the time funding becomes available.

The Department will score and rank the site and notify you of the results in writing. Sites are cleaned up in priority ranking such that higher scored discharges will be addressed first.

Pursuant to Subsection 376.3071, F.S., the Department will **not pay** for costs incurred for rehabilitation work performed before the execution of a PCP program agreement. If you choose to pay for cleanup and not participate in the PCP program, you must inform the Department and rehabilitate the site in accordance with Chapter 62-770, Florida Administrative Code (F.A.C.).

If you are no longer the owner or operator of the above referenced site, please notify the Department in writing and provide any information you may have regarding the current site owner, so that we may provide this notification to the party responsible for rehabilitation of this site.

This Order only applies to PCPP eligibility and does not apply in any way to any storage tank regulation or compliance matters, including any discharges not addressed herein. You continue to be responsible for compliance with all environmental regulations and will be subject to enforcement should you fail to comply with any environmental regulations.

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.

Persons affected by this Order have following options.

If you choose to accept the Department's decision regarding this eligibility determination you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

If you choose to challenge the decision, you may do the following.

1. File a request for an extension of time to file a petition for hearing with the Department's Agency Clerk in the Office of General Counsel within **21** days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to resolve any disputes without first filing a petition for hearing or negotiate an agreement to mediate; or

2. File a petition for administrative hearing with the Department's Agency Clerk in the Office of General Counsel within **21** days of receipt of this Order.

3. In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation under section 120.573, F.S., and must negotiate an agreement to mediate within **10** days after the deadline for filing a petition.

How to Request an Extension of Time to File a Petition for Hearing

For good cause shown, pursuant to Rule 62-110.106(4), Florida Administrative Code ("F.A.C."), the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within **21** days of receipt of this Order. Petitioner, if different from the applicant, shall mail a copy of the request to the applicant at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for administrative hearing must be made.

How to file a Petition for Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, within **21** days of receipt of this Order. Petitioner, if different from the applicant, shall mail a copy of the petition to the applicant, at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under sections 120 569 and 120.57, F.S.

Pursuant to subsections 120.54 (5)(b) 4 and 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information.

a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative; if any, the site owner's name and address, if different from the petitioner; the DEP facility number, and the name and address of the facility;
b) A statement of when and how the petitioner received notice of the Department's action or proposed action;
c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;

d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
e) A concise statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
f) A statement of the specific rules or statutes that the petitioner contends requires reversal or modification of the Department's action or proposed action; and
g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the Department to take with respect to the Department's action or proposed action.

How to Pursue Mediation

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for hearing). The agreement must contain all the information required by Rule 28-106.404, F.A.C. The agreement, signed by all parties, must be received by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000 within 10 days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

Pursuant to Rule 28-106.404, F.A.C., an agreement to mediate must include the following.

(i) The name, address, and telephone number of the persons who may attend the mediation (also the DEP facility number, and the name and address of the facility if applicable);
(ii) The name, address, and telephone number of the mediator agreed to by the parties;
(iii) How the costs and fees associated with the mediation will be allocated (the Bureau of Petroleum Storage Systems will not pay any of the costs of mediation);
(iv) The agreement of the parties regarding the confidentiality of discussions and documents introduced during mediation to the extent authorized by law;
(v) The date, time, and place of the first mediation session;
(vi) The name of the party's representative who shall have authority to settle or recommend settlement; and
(vii) The signature of the parties.

As provided in section 120.573, F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57, F.S., for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within **21** day of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under sections 120.569 and 120.57, F.S. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57, F.S. are resumed.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or mediation settlement.

Judicial Review

Any party to this Order has the right to seek judicial review of it under section 120.68, F.S., by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Agency Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, 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 thirty days after this order is filed with the clerk of the Department (see below).

Questions

Any questions regarding the Department's review of your eligibility determination should be directed to Lewis J. Cornman Jr. at (850) 245-8839. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for administrative hearing, or a request for a time extension to file a petition for hearing or an agreement to mediate.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/cs

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120 52
Florida Statutes, with the designated
Department Clerk, receipt of which is
hereby acknowledged

Cheryl Stafford 12/27/05
Clerk Date
(or Deputy Clerk)

CC: Laurel Culbreth – Southwest Florida District Office
Monica Sylvain – Hillsborough County Local Program Office
Mike McKelvey – Hillsborough County Environmental
Protection Commission
1900 9th Avenue
Tampa, Florida 33605

No FPLIPA 1'PP

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SEP 30 1992

E.P.C. of H.C.

Department of Environmental Regulation

Discharge Notification Form

Form 17-1.218(3)

D.E.R.

JUL 14 1989

SOUTHWEST DISTRICT
TAMPA

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

1. Results of tank testing which reveal a discharge within 3 working days of testing.
2. Discharges exceeding 100 gallons on pervious surfaces as described in Section 17-61.05(4)(b) within 3 working days of discovery.
3. Positive response of a detection device, monitoring well test of sample or laboratory report within 3 working days of discovery.

Mail to the DER District Office in your district.

PLEASE PRINT OR TYPE
Put "X" where answer is unknown.

29894398 1

1. Facility Number: X 2. Tank Number: X 3. Date. 6-26-89

4. Facility Name: Ruskin Vegetable Corporation
Facility Operator: Bob Corbet
Facility Address: 5909 Tamiami Train, North Ruskin, Florida 33570
Telephone Number: (813) 645-3264 County: Hillsborough
Mailing Address: PO Box 668 Ruskin, Florida 33570

5. Date of test or discovery: 6-22-89 month/day/year

6. Method of initial discovery. (circle one only)
A. Automatic detector in ground, monitoring well, or containment.
B. NFPA 329 test (underground tanks only).
C. Manual test of monitoring well(s).
D. Emptying and inspection.
E. Inventory control.
F. Odor or visible signs at facility or in vicinity.
G. Other: Flame Ionization Detector (explain)

7. Estimated number of gallons lost: X

8. What part of the storage system is leaking? (circle all that apply) (A.) Dispenser B. Pipe C. Fitting D. Tank (E.) Unknown
Note: Contamination found in a UST Tank Pit during excavation, Source of leak is unknow

9. If a tank is leaking, circle the choices which describe the type.
A. Aboveground
B. Factory welded
C. Field erected
(D.) Underground
E. Bare or asphalt-coated steel
F. Fiberglass-clad steel
G. Fiberglass
H. Sacrificial anode type
I. Impressed current type
J. Double walled
M. Other or Unknown (explain)

10. Type of pollutant discharged. (circle one)
(A) Leaded Gasoline.
(B) Unleaded gasoline.
C. Gasohol or alcohol-enriched gasoline.
E. Aviation fuel.
Y. Other
Z. Unknown (explain)

11. Cause of leak. (circle all that apply)
(A) Unknown
Piping
B. Split
C. Loose connection
D. Other No Leak (spillage from Servicing vehicles)
Tank
G. Split
H. Corrosion
I. Puncture
J. Installation failure
(P.) Other

12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE, AND COMPLETE.

Ruskin Veg. Corp.
Name of Owner, Operator or Authorized Representative

[signature]
Signature of Owner, Operator, or Authorized Representative

KEEP A COPY OF THIS FORM FOR YOUR RECORDS.

DER FORM 17-1.218(3) 9/1/84 (1/2)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
POLLUTANT STORAGE TANK SYSTEM
INSPECTION REPORT FORM -- COVER PAGE

FACILITY ID NO.: 298943981
FACILITY NAME: RUSKIN VEGETABLE CORP
FACILITY LOCATION: 5909 N TAMIAMI TRAIL
OPERATOR: CORBETT ROBERT C
OWNER: RUSKIN VEGETABLE CORP
OWNER ADDRESS: PO BOX 668
OWNER CONTACT: ROBERT C CORBETT

COUNTY: HILLSBOROUGH
APOLLO BCH
PHONE: (813) 645-3264
PHONE: (813) 645-3264
RUSKIN FL 33570
OWNER CHANGE DATE / /

LATITUDE: 27°-45'-46" 00-00-00 LONGITUDE: 82°-23'-52" 00-00-00 SECTION 027 TOWNSHIP 31S RANGE 19E

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK CONSTRUCTION	INTEGRAL PIPING	MONITORING SYSTEM	TANK STAT
1	2000	B	XX/75	U	D	B	B	B

COMMENTS: REMOVED FROM FACILITY

INSPECTION TYPE
- __ COMPLAINT RESPONSE
- __ INITIAL
- __ FDI
- __ PUBLIC WELL FIELD
- __ REINSPECTION
- __ INSTALLATION
- [X] TANK REMOVAL
- __ UNREGISTERED

FACILITY INFORMATION
- __ ABANDONED
- __ ABOVEGROUND
- __ GOVT.--FEDERAL
- __ GOVT.-OTHER
- [X] NON-RETAIL
- __ RETAIL
- __ RETROFIT (M OR O)
- __ RETROFIT (L OR R)

DER DISTRICT: OR LOCAL PROGRAM: CC 29

Michael A. Neuman 31-90
INSPECTOR'S SIGNATURE & DATE

FACILITY CONTACT'S SIGNATURE & DATE

VIOLATIONS MUST BE CORRECTED BY: NEXT ROUTINE INSPECTION ___ OR BY: __/__/__ ___
MO DY YR

Department of Environmental Regulation

Inspection Form — UST Compliance Section

Facility # 2984398 1
Date 3-1-90

		Yes	No	Unk	N/A
I REGISTRATION/NOTIFICATION					
1 Facility has properly registered all applicable tanks on site? 17-61 050(1)(a)	1				1
2 Current Registration placard is properly displayed? 376303(1)(b), FS	2				1
3 Proper notification has been made for the following 17-61 050(1)(b)	3	1			
4 abandonment	4	1			
5 facility sale	5				1
6 retrofitting	6				1
7 tank test failure	7				1
8 discharges	8				1
9 monitoring response	9				1
II TANK STATUS					
10 Tank Designated Out of Service 17-61 050(3)(b)1	10				1
11 inventory + monitoring records kept or	11				1
12 secured against tampering	12				1
13 Tanks properly abandoned? 17-61 050(3)(c)	13	1			
14 in place or	14				1
15 removed	15	1			
III OPERATION AND MAINTENANCE					
16 The schedule for retrofitting has been met? 17-61 060(2)(c) & (3)(b)2	16				1
17 overfill protection	17				1
18 piping and/or	18				1
19 tanks	19				1
20 Structure-to-soil potential test schedules for sacrificial anode protected systems are being met?	20				1
21 tanks 17-61 060(2)(d)1 a	21				1
22 piping 17-61 060(3)(b)1 b	22				1
23 Impressed current protected systems are continuously energized and metered?	23				1
24 tanks 17-61 060(2)(d)1 b	24				1
25 piping 17-61 060(3)(b)1 c	25				1
V INVENTORY REQUIREMENTS					
26 Daily inventory records maintained? 17-61 050(4)(c)2 a	26				1
27 water	27				1
28 product	28				1
29 meter readings	29				1
30 Inventory reconciliation is performed? 17-61 050(4)(c)2 b	30				1
31 each 5 consecutive readings	31				1
32 once a week	32				1
33 alternate procedure	33				1
34 Significant loss/gain investigation 17-61 050(4)(c)3	34				1
35 performed	35				1
36 found source of discrepancy, and/or	36				1
37 followed up with precision testing? 17-61 050(4)(c)	37				1

Department of Environmental Regulation

Inspection Form — UST Compliance Section

Facility # 298743981

Date 3-1-90

V RECORD KEEPING, DISCHARGE REPORTING & CONTAMINATION CLEAN UP		Yes	No	Unk	N/A
38 Records being kept as specified by 17 61 050(4)(a)?	38				
39 2 years	39				
40 monitoring system exams	40				
41 retrofitting records	41				
42 maintenance exams	42				
43 NFPA 329 tests	43				
44 repairs	44				
45 available within 2 working days	45				
46 Tank and pipe tests	46				
47 meet NFPA 329 standards 17-61 060(2)(d)4	47				
48 administered by manufacturer certified personnel?	48				
49 The discharge of pollutants has resulted in immediate action undertaken for	49				
50 containing	50				
51 removing, and	51				
52 abating? 17-61 050(4)(b)1	52				

VI LEAK DETECTION/MONITORING WELLS					
53 Facility has an approved leak detection system in compliance with the retrofit schedule? 17-61 060(2)(b)3	53				
54 Monitoring wells have been properly constructed? 17-61 050(5)(a)	54				
55 2" diameter casing	55				
56 properly grouted	56				
57 equipped with water tight cap	57				
58 properly located 17-61 060(2)(b)3	58				
59 Monitoring wells are being properly sampled? 17-61 050(5)(b)	59				
60 containing less than 1 foot water	60				
61 automatically tested wells	61				
62 manually sampled wells	62				
63 Continuously operating leak detection systems installed and operated in accordance with manufacturer's specs? 17-61 050(4)(c)1	63				
64 Positive response of a detection device treated as a discharge? 17-61 050(5)(c)	64				
65 Monitoring system requirements are being complied with? 17-61 060(2)(b)3	65				
66 groundwater plan	66				
67 SPCC plan	67				
68 approved alternate procedure	68				

Ruskin Veg Corp
5909 N Nebraska Ave
Site Plan

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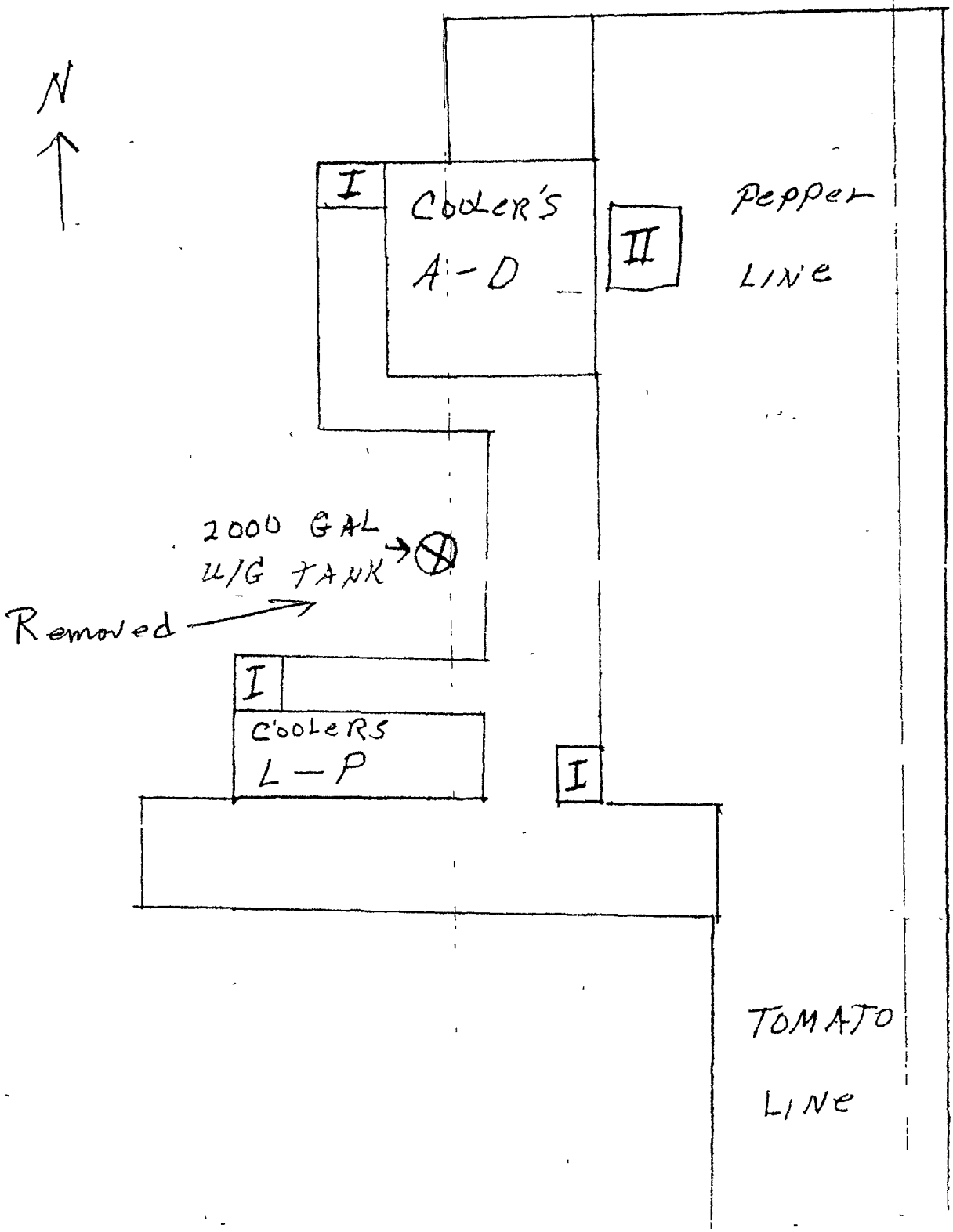

#02353

PHOSLAB, INC.

806 West Beacon Road
Lakeland, FL 33803
813 - 682-5897
Florida DER QA/QC #873086

TO: Resource Recovery of America
2300 Highway 60 West
Mulberry, FL 33860

ATTN:
SITE: Ruskin Vegetables
REFERENCE: #2207
SAMPLED BY:
SAMPLE DATE: 6-30-89 TIME:
DATE RECEIVED: 6-30-89

ANALYZED BY: Jim Crawford
ANALYSIS DATE: 7-2-89

CERTIFICATE OF ANALYSIS

VOLATILE ORGANICS
EPA METHOD ☒ 602 ☐ 8020 ☐ 5030

	#2207	MDL, ug/L
MTBE	1 50	0 20
Benzene	BDL	0 20
Toluene	BDL	0 20
Ethylbenzene	BDL	0 20
Xylenes	BDL	0 20
Total VOA	---	

MISCELLANEOUS
EPA METHOD 239 2

Lead		1 00

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SEP 30 1992
E.P.C. of H.C.

*BDL - Below Detectable Limits

SEAL

CHEMIST

STATE OF FLORIDA

DEPARTMENT OF PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

DATE	LICENSE NO.	BATCH NO.
06/10/89	PC C045194	12236

THE CERT POLLUTANT STORAGE SYS CONTR
NAMED BELOW IS CERTIFIED
UNDER THE PROVISIONS OF CHAPTER 489 FS FOR THE YEAR
EXPIRING JUNE 30, 1992

WILLS, GLEN ALONZO (1)
RESOURCE RECOVERY/AMERICA INC
2300 HWY 60 WEST
MULBERRY, FL 33860

BOB MARTINEZ
GOVERNOR

DISPLAY IN A CONSPICUOUS PLACE

LARRY GONZALEZ
SECRETARY, D P R

RECEIVED

SEP 30 1992

E.P.C. of H.C.

06/10/89 AUDIT CONTROL NO 0495385

LICENSE NO	BATCH NO	FEE AMOUNT
PC C045194	12236	$196.00

CONSTRUCTION INDUSTRY LICENSING BD
POST OFFICE BOX 2
JACKSONVILLE, FL 32201

LICENSEE SIGNATURE

[WALLET CARD — FOLD HERE]

STATE OF FLORIDA
DEPARTMENT OF PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY
LICENSING BOARD

CERT POLLUTANT STORAGE SYS CONTR

WILLS, GLEN ALONZO (1)
RESOURCE RECOVERY/AMERICA INC

HAS PAID THE FEE REQUIRED BY CHAPTER 489 FS
FOR THE YEAR EXPIRING JUNE 30, 1992

BOB MARTINEZ
GOVERNOR

LARRY GONZALEZ
SECRETARY, D P R.

D. E. R.

JUL 14 1989

SOUTHWEST DISTRICT
TAMPA

SEP 20 1989

E.P.C. of H.C.

STATE OF FLORIDA
Department of Environmental Regulation
STORAGE TANK NOTIFICATION FORM
Form 17-61.090 (3)

PLEASE PRINT OR TYPE

(1) DER facility number (if known) _____ (2) County Code 29
(3) Original registration x data revision _____
(4) Facility type (see code list (4) on back) S

Tank(s) Location

(5) Facility name Ruskin Vegetable Corporation
Street address/city/state/zip 5909 N. Tamiami Trail at Apollo Beach FL, 33572
Mailing address/city/state/zip P.O. Box 668 Ruskin, FL 33570

(6) Operator Robert C. Corbett Telephone # (813) 645-3264
New operator date (only for change of operator) __/__/__

(7) Company/person owning tank(s) and piping SAME AS 5
Company address/city/state/zip _____

Contact person SAME AS 6 Telephone # (__) _____
New owner date (only for change of owner) __/__/__

(8) Location (if available): Latitude __° __' __" Longitude __° __' __"
Section 27 Township 31S Range 18-19E

PLEASE FILL OUT ONE LINE FOR EACH TANK WITH CODES LISTED ON BACK

Fill out columns (9) through (16) for tanks in use, and (17) through (19) for tanks out of use

(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17,18,19 for tanks retrofitted, removed abandoned, etc)
1	2000	Unleaded Gas	1975	U	D	B	B	

Wills, Glen Alonzo

(20) Resource Recovery/America Inc
Pollutant Storage System Specialty Contractor Name
For new tank installation or tank removal

DPR # PC C045194
Department of Professional Regulation Certificate Number

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

W. L. Butler, Executive Vice President
Print name and title of owner (owner's authorized agent)

Signature

9/13/89
Date

EAC
ENVIRO-AUDIT & COMPLIANCE INCORPORATED
Innovative Environmental Solutions

August 30, 2006

York Claims Service, Inc.
Environmental Division
Mail Station 4595
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RECEIVED
SEP 05 2006
York Claims Serv.

Re: Ruskin Vegetable Corporation
5909 Tamiami Trail, Apollo Beach, FL
Hillsborough County
Facility ID# 29-8943981

Dear Sir or Madam:

Provided herewith are two copies of the Limited Contamination Assessment Report (LCAR) for the above referenced facility.

If you have any questions, or if you would like to discuss this matter further, please do not hesitate to contact our office.

Respectfully,

Joe K. Buerhop, P.G.
President

Enclosure

cc: Mrs. Evelyn M. & Batista J. Madonia Sr./enclosure

Y:\Phase II\2006\Ruskin Vegetable LCAR\LCAR Transmittal.doc

Innovative Environmental
Solutions Since 1977

Joe Buerhop, P.G.
Division Manager

429 - 10th Avenue West
Palmetto, FL 34221
(941) 722-0367 • Fax (941) 722-2948

P.O. Box 337 • Palmetto, FL 34220

jbuerhop@eac-inc.com
www.eac-inc.com

Innovative Environmental
Solutions Since 1977

Jonathan Kramer
Environmental Scientist

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P.O. Box 337 • Palmetto, FL 34220

jkramer@eac-inc.com
www.eac-inc.com

LIMITED CONTAMINATION ASSESSMENT REPORT

RUSKIN VEGETABLE CORPORATION
5909 TAMIAMI TRAIL NORTH
APOLLO BEACH, FLORIDA
FACILITY ID #29-8943981

August 2006

Prepared for:

Ruskin Vegetable Corporation
and
Florida Department of Environmental Protection

Prepared by:

Enviro-Audit & Compliance, Inc.
429 10th Avenue West
Palmetto, Florida 34221
(941) 722-0367

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 BACKGROUND 1

3.0 LOCATION AND HYDROGEOLOGY 2

4.0 AREA WATER USE 2

5.0 CONTAMINATION ASSESSMENT 3

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6.0 CONCLUSIONS 4

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8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS 5

Appendix A - Figures & Tables
Appendix B - Miscellaneous Attachments
Appendix C - Sampling Logs & Laboratory Results

1.0 INTRODUCTION

Enviro-Audit & Compliance, Inc. (EAC) has completed this Limited Contamination Assessment, on behalf of Batista J. Madonia, Sr. and Evelyn M. Madonia, at the site of a former underground petroleum storage tank at Ruskin Vegetable Corporation facility, 5909 Tamiami Trail North, Apollo Beach, Florida. The Ruskin Vegetable Corporation facility currently operates as a vegetable packinghouse and shipping facility. At this time, EAC is submitting this Limited Contamination Assessment Report (LCAR), which summarizes the results of soil boring, monitor well installation, and groundwater sampling activities conducted at the above referenced location.

2.0 BACKGROUND

Ruskin Vegetable Corporation is a registered petroleum storage tank facility (ID #29-8943981). The facility formerly maintained one 2,000-gallon underground storage tank for the agricultural use of unleaded gasoline. Based on the available records, the tank was installed on July 1, 1975 and removed in July 1989. The facility status is "Closed" and there are currently no active petroleum storage tanks at the facility.

No evidence of a closure assessment report or Initial Remedial Action/Source Removal Report has been found.

A Discharge Notification Form was submitted to the Florida Department of Environmental Protection, on June 26, 1989, based on "Contamination found in a UST Tank Pit during excavation". A copy of the Discharge Notification Form is included in Appendix B. This statement and information attached to the Discharge Notification Form suggest that the tank has been removed.

It should also be noted that the Discharge Notification Form also states that the discharge was a result of a leak from "spillage from servicing vehicles" and not from the tank, piping, or dispenser.

A "Site Plan" attached to the Discharge Notification Form shows the location of the tank as being on the west side of the northern end of the packinghouse building between Coolers A-D and Coolers L-P. An apparent underground storage tank vent pipe is located in this area at Loading Dock Number 19.

The Ruskin Vegetable Corporation was issued a General Permit for the onsite disposal of tomato wash water by the Hillsborough County EPC, on July 25, 2002. The permit allows for the disposal of treated tomato wash water by land application to an onsite spray field in the southern portion of the property. The permit expires on July 24, 2007. The Radiant Food Store #209 is located approximately 1,500 feet northeast of the subject property on the opposite side of US Highway 41. The most recent reported discharge at this facility occurred in September 2003.

No other potential sources of petroleum contamination are located in the vicinity of the study area.

3.0 LOCATION AND HYDROGEOLOGY

This facility is located within Sections 22 and 27, Township 31 South, Range 19 East in Hillsborough County, Florida on US Highway 41. A copy of the United States Geological Survey (USGS), Gibsonton, Florida Quadrangle Topographic Map showing the location of the site, is provided as Figure 1 in Appendix A.

Land surface elevations in the general area surrounding the Ruskin Vegetable Corporation facility slope toward the northwest. A small stream originating from east of the property cuts across the southern property boundary and continues in a westerly direction. In the area of the subject property, the stream appears to have been channelized (cut ditch). Another stream cuts across the northern tip of the property. This stream also drains lands to the east; however, once on the west side of US Highway 41, the stream becomes part of the finger canals located throughout Apollo Beach.

Surface and groundwater flow at the subject property should be toward the northwest. However, ditching along US Highway 41 and the railroad line could influence surface water flow. The streams located at the northern and southern property boundaries could also influence the groundwater flow direction.

According to the Soil Survey of Hillsborough County, the soils in this area of Hillsborough County consist primarily of Malabar Fine Sand. This is a nearly level, poorly drained soil in low-lying sloughs and shallow depressions on the flat woods. Slopes are smooth and range from 0 to 2 percent. Typically, the surface layer is very dark gray fine sand four inches thick. Subsurface layers consist of grayish brown to light brownish gray fine sand to a depth of approximately 12 inches. The water table is usually located at a depth of less than 10 inches for two to six months during wet seasons.

4.0 AREA WATER USE

During the course of priority ranking a potable well survey was conducted to identify any private or public water wells within a 0.25 and 0.5 mile radius of the site. A copy of the well survey is included as in Appendix B. The survey was conducted by the Florida

Department of Health, Bureau of Water Programs. The results of the survey indicate that there are no large public wells located within 0.5 miles of the site. Two non-community public water system wells were identified within 0.25 mile of the facility.

5.0 CONTAMINATION ASSESSMENT

A Phase I Environmental Site Assessment was performed on behalf of Batista J. Madonia, Sr. and Evelyn M. Madonia as part of the Due Diligence per purchase period. The subject property was identified as a registered petroleum storage tank facility. A "Site Plan" attached to the Discharge Notification Form shows the location of the tank as being on the west side of the northern end of the packinghouse building between Coolers A-D and Coolers L-P. An apparent underground storage tank vent pipe is currently located in this area at Loading Dock Number 19. No firsthand knowledge of the former location of this tank was available. Therefore, the investigation performed during the performance of the Phase I Environmental Site Assessment and this Limited Contamination Assessment was conducted in the area believed to be the most likely former location of the tank.

As part of a Phase I Environmental Site Assessment conducted by EAC on October 2005, a soil and groundwater investigation was performed in the apparent location of the former storage tank. A total of eight soil borings were advanced using the Standard Penetration Test (SPT) split-spoon sampler to the top of the water table, which was encountered at a depth of approximately three feet below land surface. Two of these borings were advanced to approximately 12 feet below land surface and ultimately completed as test wells (see Figure 1).

5.1 Soil

Soil samples were collected at each boring on one-foot intervals and screened with an Organic Vapor Analyzer (OVA) equipped with a Flame Ionization Detector (FID) to determine if petroleum vapors were present. No detectable organic vapors were encountered in any of the soil samples (see Table 1). No visual or olfactory evidence of petroleum contamination was observed in any of the soil samples.

5.2 Groundwater

Two test wells were installed using conventional hollow stem auger drilling equipment. The wells are constructed of five feet of 2-inch diameter Schedule 40 PVC solid casing and 10 feet of 0.010-inch factory-slotted well screen set from approximately 2.0 to 12.0 feet below land surface. Groundwater samples were collected from both temporary

monitoring wells on September 28, 2005. The groundwater samples collected from these wells were analyzed by a Florida Department of Environmental Protection (FDEP), and National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory for the gasoline and kerosene analytical groups as specified in Chapter 62-770 F.A.C. These analyses included lead, purgeable hydrocarbons, polynuclear aromatic hydrocarbons, ethylene dibromide (EDB), and the petroleum range organic compounds using the FLPRO method.

No detectable concentration of any of the analytes was reported for the sample collected from Test Well (TW)-1. One contaminant of concern was detected in the sample collected from TW-2. A concentration of 0.16 milligrams per liter (mg/l) was reported for Total Recoverable Petroleum Hydrocarbons (TRPH). The groundwater cleanup target level is defined as 5 mg/L by Chapter 62-777 F.A.C. No contaminants were detected in either groundwater sample at concentrations exceeding the cleanup target levels (Groundwater Criteria, Table 1, Chapter 62-777 F.A.C.

The temporary monitoring wells were resampled on August 1, 2006 for the parameters identified for the gasoline and kerosene analytical groups as specified in Chapter 62-770 F.A.C. No detectable concentration of any of the analytes was identified in either TW-1 or TW-2.

Copies of the laboratory reports are included in Appendix C.

6.0 CONCLUSIONS

The results of this Limited Contamination Assessment indicate that the existing conditions at the site meet the criteria for No Further Action as specified in Chapter 62-770.690 F.A.C.

EAC recommends that this facility be granted No Further Action status for the following reasons:

- Free product does not exist in any wells, boreholes, open drainage ditches, open excavations or trenches or on nearby surface water at the site.
- Contaminated soil does not exist at the site.
- Groundwater samples collected from MW-1 and MW-2 on August 1, 2006 reported below detectable limits (BDL) for all parameters.

7.0 QUALITY ASSURANCE/ QUALITY CONTROL

All field activities and laboratory analyses were performed in accordance with DEP-SOP-001/01 (revised February 1, 2004).

The laboratory MDL/PQL for the specific parameters is equal to or less than the applicable soil and groundwater quality criteria. Laboratory surrogate recovery rates were within acceptable limits. Therefore, it is EAC's opinion that the data is sufficient to support the conclusions stated above.

8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

EAC's professional services were performed using customary principles and practices in the field of environmental science.

Prepared by:

8-31-06
Date

Jonathan M. Kramer
Environmental Scientist

August 31, 2006
Date

Joe K. Buerhop, P.G.
President

Y:\Phase II\2006\Ruskin Vegetable LCAR\Contamination Assessment Report.doc

COMMISSION
Brian Blair
Kathy Castor
Ken Hagan
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Admin.	627-2620	Waste	627-2640
Legal	627-2602	Wetlands	627-2630
Water	627-2670	ERM	627-2650
Air	627-2660	Lab	272-5157

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2006 OCT 30 P 2:33

October 24, 2006

Mr. Batista J. Madonia, Sr., President
Ruskin Vegetable Corporation
Post Office Box 2636
Plant City, Florida 33564

Dear Mr Madonia:

SUBJECT: RUSKIN VEGETABLE CORPORATION, 5909 TAMIAMI TRAIL NORTH, APOLLO BEACH, FLORIDA, FDEP FACILITY ID #298943981 – PETROLEUM DISCHARGE DISCOVERED ON JUNE 22, 1989 (PCPP-ELIGIBLE)

On September 8, 2006, Environmental Protection Commission (EPC) staff received a copy of the August 31, 2006 Petroleum Cleanup Participation Program (PCPP) Limited Contamination Assessment Report (LCAR) from the Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems (BPSS). The PCPP LCAR has been submitted in response to the FDEP BPSS' March 23, 2006 letter addressed to your company. The FDEP BPSS subsequently sent a July 10, 2006 letter informing your company, "Due to funding constraints LCAR submittal time frames are not being enforced if cleanup activities will not be funded at the site." The PCPP LCAR helps to address the above-referenced diesel fuel discharge with a current eligibility score of 31.

The PCPP LCAR is incomplete. If you wish to voluntarily proceed with site rehabilitation activities until funding becomes available, please provide two (2) professionally certified copies of a PCPP LCAR Addendum that addresses the following comments in accordance with the FDEP BPSS' document entitled, LIMITED CONTAMINATION ASSESSMENT REPORT (LCAR) PREPARATION GUIDANCE (June 9, 2000). EPC staff will then review the PCPP LCAR Addendum and forward EPC staff's comments to the FDEP BPSS.

1. **Discharge Notification Form.** Section 8 of the June 26, 1989 Discharge Notification Form (DNF) indicates that the former dispenser was leaking and "Contamination [was] found in a UST [underground storage tank] Tank Pit during excavation, Source of leak is unknown." Section 11 of the June 26, 1989 DNF further states, "No Leak (spillage from servicing vehicles)." Therefore, at least three (3) source locations are identified in the June 26, 1989 DNF.

2 **Site Map.** Please provide a site map that clearly illustrates the June 26, 1989 DNF source locations of the former UST excavation pit, the former dispenser (and former integral piping), and the former "spillage from servicing vehicles" location, as required by item (2) of the LCAR Preparation Guidance document.

3. **Water Supply Well Survey.** Please indicate whether a walk-through reconnaissance of the area was conducted as part of the water supply well survey, as is strongly recommended in item (3) of the LCAR Preparation Guidance document Please also provide the use and construction details of the water supply wells identified during the survey (if reasonably available), as required by item (3) of the LCAR Preparation Guidance document.

4. **Soil Assessment.** Please provide a site map that illustrates the eight (8) soil boring locations in relation to the former UST excavation pit source area, as required by item (4) of the LCAR Preparation Guidance document.

Please also provide a soil assessment of both the former dispenser source area and the former "spillage from servicing vehicles" source area, as required by item (4) of the LCAR Preparation Guidance document. Please provide laboratory analyses of representative soil samples from the former UST excavation pit source area, the former dispenser source area, and the former "spillage from servicing vehicles" source area, as required by item (4) of the LCAR Preparation Guidance document.

5. **Groundwater Assessment.** Please provide a site map that illustrates the locations of monitoring wells TW-1 and TW-2 in relation to the former UST excavation pit source area, as required by item (5) of the LCAR Preparation Guidance document. Please provide a table that summarizes the laboratory analytical results for the groundwater samples, as required by item (5) of the LCAR Preparation Guidance document.

Please also provide a groundwater assessment of both the former dispenser source area and the former "spillage from servicing vehicles" source area, as required by item (5) of the LCAR Preparation Guidance document.

6. **Groundwater Sampling Logs Required.** Please provide copies of the groundwater sampling logs for the groundwater samples TW-1 and TW-2, as required by the FDEP's Standard Operating Procedures for Field Activities (DEP-SOP-001/01) and by item (6) of the LCAR Preparation Guidance document.

7. **Water Level Elevation and Groundwater Flow Direction.** Please provide a table with the water level elevation data and a site diagram that shows the groundwater flow direction, as required by item (7) of the LCAR Preparation Guidance document.

8. **Proposed Course of Action.** The geologist of record recommends No Further Action (NFA) for the above-referenced petroleum discharge. EPC staff will hold comments on

the geologist of record's recommendation in abeyance, pending satisfactory responses to the above comments.

Please contact me at (813) 627-2600 ext. 1302 if you wish to discuss these matters. Please contact Mr. Alan Sakole of York Claims Service, Inc., at (850) 671-6362 if you wish to discuss PCPP funding and eligibility issues. Please reference the FDEP Facility ID # if you call.

Sincerely,

Carl J. Heintz, P.G.
Professional Geologist

c: Grace Rivera, FDEP BPSS
Alan Sakole, York Claims Service, Inc., 1310 Cross Creek Circle, Suite B, Tallahassee, Florida 32301
Joe K. Buerhop, P.G., Enviro-Audit & Compliance, Inc.
Monthly Report File
Correspondence File
FDEP Facility #298943981 File

Site 21:
Mira Bay, LLC

Site 21

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ENGINEERING & ENVIRONMENTAL SERVICES

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25 January 2005 ENVIRONMENTAL PROTECTION
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EPC Waste Management Division

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David T. Gockel, P.E.
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Michael A. Semeraro, Jr., P.E.
Nicholas De Rose, P.G.
Andrew J. Ciancia, P.E
George E. Leventis, P.E.

Gerard M. Coscia, P.E.
Colleen Costello, P.G.
Rudolph P Frizzi, P.E.
Ronald A. Fuerst, C L.A.
Michael M. Goldstein
Cristina M. González, P.E.
Sam B. Ishak, M.C.S.E.
William G Lothian, P.E.
Leonard D. Savino, P.E.
Steven Ueland, P.E.
Gerald J Zambrella, C.E.M.

Roger A. Archabal, P.E.
Jorge H. Berkowitz, Ph D
Gregory L. Biesiadecki, P.E.
Richard Burrow, P.E.
Steven Ciambruschini, P.G., L E P.
Michael E. Cotreau, P.E.
Gregory M. Elko, P.E
Edward H. Geibert, M.S.
Christopher M. Hager, P.E.
Joel B. Landes, P.E.
John J. McElroy, Jr., Ph D., P.E.
Matthew E. Meyer, P.E.
R. S. Murali, M.S.
John D. Plante, P.E.
Alan R. Poeppel, P.E.
George A. Reeves
Joseph E. Romano, P.L.S.
Richard R. Steiner, P.E.

Mr. Carl Heintz, P.G.
Hillsborough County
Environmental Protection Commission
1900 9th Avenue
Tampa, Florida 33605

Re: Summary of Stockpile Sampling and Analysis and Groundwater Assessment
Stockpiled Soil, Mirabay Development
FDEP Facility ID #~~299805563~~
Apollo Beach, Florida
Langan Project No. 6093501

Logged 1/26/05 11020

299805663

Dear Mr. Heintz:

Langan Engineering and Environmental Services, Inc. (Langan) was retained to prepare this report for Newland Properties. This report presents the sampling methodologies, the laboratory analytical results and Langan's conclusions and recommendations based on our evaluation of the data collected at the above referenced site. The objective of the stockpile sampling and analysis and groundwater assessment ("study") was to characterize the quantity and quality of the stockpile material with respect to petroleum constituents, determine possible impact to groundwater in the immediate area of the stockpile via petroleum constituents leaching through the stockpile, and study and make recommendations regarding final disposition of the stockpiled soil. The work was completed pursuant to our 24 September 2004 plan, as modified on 30 November 2004 by HCEPC and again by Langan prior to implementation of the work plan.

PROJECT SITE

The project site is located within the 750-acre Mirabay development. Mirabay is located on the west side of US 41 and south of Leisey Road in Apollo Beach, Florida (Figure 1). Mirabay is a residential development with interior canals that drain to Tampa Bay. The subject stockpile is located at the southwest corner of the Mirabay development in the future RV and boat storage location. The stockpile location (Figure 2) is accessed from Villamaire Road, just to the south.

BACKGROUND

A Discharge Notification Form was filed by Terrabrook Apollo Beach, LLP (prior property owners) with Florida Department of Environmental Protection (FDEP) on 7 February 2004 in relation to an 18 December 2002 discovery of contamination during earthwork activities at the project site. In response to this discovery, an initial site assessment and source removal were conducted from February 2003 through June 2003 by Terrabrook. The Source Removal Report,

dated 4 August 2004, prepared by Enviro-Logical Solutions, Inc. documented the removal and stockpiling of a reported 13,500 cubic yards of petroleum-impacted soils. The Source Removal Report did not provide any rationale for the excavation of this volume of soil. The Source Removal Report indicates that the criterion for soil excavation was 10 parts per million (ppm) using an Organic Vapor Analyzer (OVA). Due to the large volume of excavated soil to be treated, land farming was proposed as the method of treatment. Post-excavation soil and groundwater sampling indicated that the petroleum discharge had been properly and adequately addressed and no impacted soil or groundwater remained in the source removal area.

In a letter dated 20 May 2004 letter, Hillsborough County Environmental Protection Commission (HCEPC) stated that "Pursuant to Rule 62-770.600(8) F.A.C., HCEPC staff approves the site assessment aspects concerning the December 18, 2002 petroleum discharge." However, HCEPC disapproved the land farming proposal and identified additional site issues to be addressed in connection with that proposal.

2004 SAMPLING AND ANALYSIS PLAN

In September 2004, Langan prepared a Sampling and Analysis Plan (SAP) to address Comment No. 2 of HCEPC, 20 May 2004, letter to Terrabrook Apollo Beach LP. The purpose of the SAP was to appropriately characterize the soil stockpile for potential reuse and/or on-site treatment using the sampling frequency provided in Table A (non-volatile organics) of Chapter 62-713, F.A.C. At the time of the SAP preparation, it was believed the stockpile consisted of 13,500 cubic yards. Thus a total of 30 composite samples were proposed to be collected and analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method. Due to the ambiguity in how the stockpile volume was determined in the Source Removal Report, Langan also recommended surveying the stockpile to determine the actual volume and thus the correct number of samples, based on this volume, that should be collected for proper characterization of the pile.

In a meeting held at HCEPC offices on 30 November 2004, the following SAP amendments were agreed to by Newland Properties' representatives and HCEPC staff:

- Based on an estimated volume of 13,500 cubic yards, 30 samples were deemed appropriate for pre-screening and to look for spikes.
- Because a liner had not been placed beneath the stockpile, a limited groundwater assessment would be required.
- The Source Removal Report identified exceedences of polynuclear aromatic hydrocarbons (PAH); therefore, in addition to TRPH, all samples were to be analyzed for PAH.

STOCKPILE VOLUME

Langan contracted a Florida-licensed Professional Land Surveyor, Heidt and Associates of Tampa, Florida, to survey the stockpile and determine the actual material volume. As noted, Langan requested the survey due to the ambiguity associated with prior stockpile volume estimates. The survey was conducted on 9 December 2004. The surveyed stockpile volume

- TRPH was not detected above method detection limits in soil samples C2, C3, C4 and C14.
- No PAH compounds were detected above method detection limits in any of the 14 composite samples.

In addition to the soil analytical data, an OVA was used to screen the samples collected from the Geoprobe soil borings. Positive OVA readings were detected in the following samples:

Sub Sample ID	Net OVA (ppm)
C3Q2	10
C5Q3	15
C6Q2	20
C8Q2	10
C9Q2	30

In all the samples collected, a slight petroleum odor was detected in only sub-sample C9Q2.

Groundwater Analytical Data
Five groundwater samples DP-GW-1 to DP-GW-5 were collected and analyzed for PAH and TRPH. None of the analyzed compounds were detected above method detection limits in any of the five samples.

Quality Assurance Samples
No analytes were detected in the equipment blanks. The TRPH concentration in the duplicate sample collected at C8 was 5.1 mg/kg. The TRPH concentration at C8 was 16 mg/kg. No PAHs were detected in either sample. Based upon this, there were no QA/QC issues or concerns.

CONCLUSIONS AND RECOMMENDATIONS

Langan completed a stockpile sampling and analysis program and a groundwater assessment for the stockpile located at the Mirabay development. The work was completed pursuant to our 24 September 2004 plan, as modified on 30 November 2004 by HCEPC and again by Langan prior to implementation due to the reduction in stockpile volume. The results of this study indicate no exceedances of TRPH above Chapter 62-777 F.A.C. RSCTLs in the soil samples, no detection of PAHs in soil above RSCTLs, and no detections of PAH and TRPH in the groundwater samples. The field screening also did not detect significant concentrations within the stockpile.

Therefore, based on the information that has been collected and the findings of this evaluation it is Langan's opinion that the stockpile is not petroleum-impacted and further characterization is not warranted.

It is Newland Properties' intention to re-use this material in the RV and boat storage area beneath asphalt paving. Additionally, some of the material may be re-used under the roadways within the residential portion of the development. Based on the data presented herein, it is Langan's opinion that, from an environmental perspective, the material can be used in the areas

identified above. Langan recommends that a "No Further Action without Conditions" be issued for the site.

CLOSURE

We trust that this letter addresses this matter and look forward to a prompt response. If there are any questions or additional information is required, please do not hesitate to call.

Sincerely,

Langan Engineering and Environmental Services, Inc.

R.S. Murali, M.S.
Associate

Vincent D. Yarina, P.G.
Project Manager
Florida Registration No. PG2077

cc: Steve Jones, Greenberg Traurig
Curt Toll, Greenberg Traurig
RSM/VDY:abt

Attachments: Table 1 – Soil Collection Summary
Table 2 – Soil Analytical Summary
Figure 1 – Site Vicinity Map
Figure 2 – Stockpile Location Map
Figure 3 – Sample Location Map
Appendix A – Heidt and Associates Stockpile Survey
Appendix B – Laboratory Analytical Reports

T.\Data5\6093501\Office Data\Reports\Final Draft Stockpile & GW Assess Report.doc

Table 1
Sample Collection Summary
Mirabay Development
Apollo Beach, Florida
6093501

Composite Sample ID	Discrete Sample ID	Stockpile Elevation	Sample Depth	Sample Elevation
C1	C1Q1	9	1	8
	C1Q2	9	2	7
	C1Q3	9	3	6
	C1Q4	9	4	5
C2	C2Q1	12	2	10
	C2Q2	13	1	12
	C2Q3	13	7	6
	C2Q4	10	2	8
C3	C3Q1	13	1	12
	C3Q2	16	10	6
	C3Q3	16	1	15
	C3Q4	11	2	9
C4	C4Q1	14	1	13
	C4Q2	18	9	9
	C4Q3	18	1	17
	C4Q4	12	7	5
C5	C5Q1	15	1	14
	C5Q2	20	1	19
	C5Q3	20	15	5
	C5Q4	13	3	10
C6	C6Q1	15	4	11
	C6Q2	21	5	16
	C6Q3	21	1	20
	C6Q4*(i)	12	6	6
C7	C7Q1	15	0	15
	C7Q2	22	15	7
	C7Q3	22	3	19
	C7Q4	14	3	11
C8	C8Q1	16	1	15
	C8Q2	23	18	5
	C8Q3	23	3	20
	C8Q4	14	4	10
C9	C9Q1*(ii)	12	6	6
	C9Q2	24	8	16
	C9Q3	24	3	21
	C9Q4	14	3	11
C10	C10Q1*(iii)	14	6	8
	C10Q2	25	7	18
	C10Q3	25	2	23
	C10Q4	14	1	13
C11	C11Q1	15	3	12
	C11Q2	25	8	17
	C11Q3	24	2	22
	C11Q4*(iv)	13	6	7
C12	C12Q1	16	1	15
	C12Q2	25	20	5
	C12Q3	24	4	20
	C12Q4	13	3	10
C13	C13Q1	15	4	11
	C13Q2	21	5	16
	C13Q3	21	1	20
	C13Q4	12	6	6
C14	C14Q1	10	1	9
	C14Q2	12	2	10
	C14Q3	11	3	8
	C14Q4	9	3	6

Notes:
Sample Notation **C -** Cell
Q - Quadrant

* Sample locations shifted in field due to the slope of the pile.
Proposed sample depths and elevation

C6Q4*(i)	13	7	6
C9Q1*(ii)	15	9	6
C10Q1*(iii)	16	8	8
C11Q4*(iv)	14	7	7

Table 2
Soil Analytical Summary
Mirabay Development
Apollo Beach, Florida
6093501

Sample		TRPH by FL-PRO Method			
ID No.	Collection Date	Units	Result	Detection Limit	RSCTL
C1	12/21/2004	mg/kg	2.0	2.8	340
C2	12/21/2004	mg/kg	BDL	2.4	340
C3	12/22/2004	mg/kg	BDL	2.4	340
C4	12/21/2004	mg/kg	BDL	2.3	340
C5	12/21/2004	mg/kg	10.0	2.3	340
C6	12/21/2004	mg/kg	12.0	2.4	340
C7	12/21/2004	mg/kg	5.4	2.5	340
C8	12/21/2004	mg/kg	16.0	2.5	340
C9	12/23/2004	mg/kg	45.0	2.6	340
C10	12/23/2004	mg/kg	8.4	2.6	340
C11	12/21/2004	mg/kg	140.0	2.6	340
C12	12/21/2004	mg/kg	6.9	2.4	340
C13	12/22/2004	mg/kg	15.0	2.4	340
C14	12/22/2004	mg/kg	BDL	2.5	340

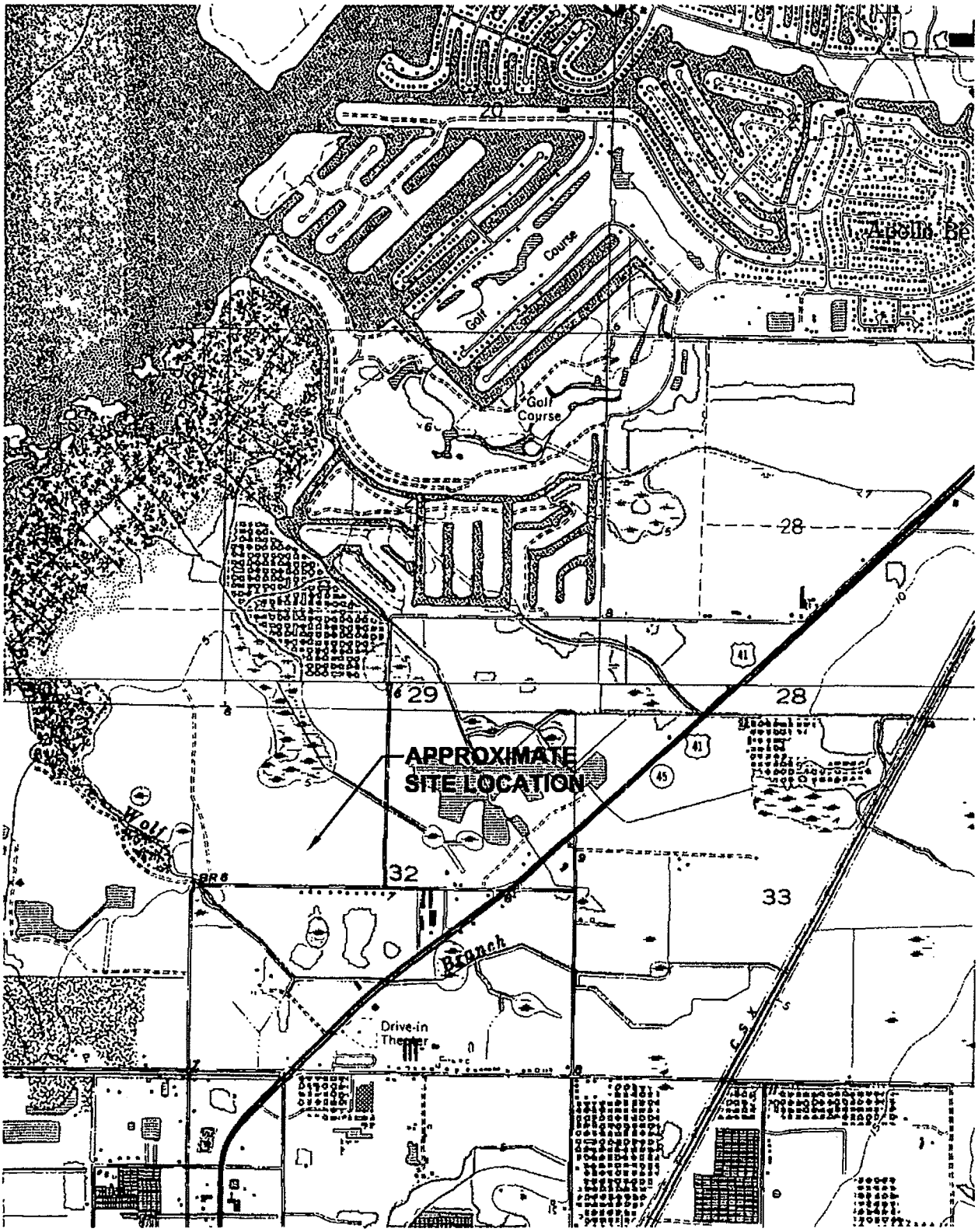
Notes:

No PAHs detected above method detection limits.

mg/kg = milligrams per kilogram

BDL = Below Detection Limits

RSCTL = Chapter 62-777 Residential Soil Cleanup Target Levels



NOTES:

1. BASE PLAN REPRODUCED FROM USGS 7.5 MINUTE TOPOGRAPHIC MAPS FOR RUSKIN AND GIBSONTON, FLORIDA, PHOTOREVISED IN 1987.

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SITE LOCATION MAP
MIRABAY DEVELOPMENT

APOLLO BEACH FLORIDA

Job No.	Scale	Date	Fig. No.
6093501	1" = 2000'	JAN 2005	1

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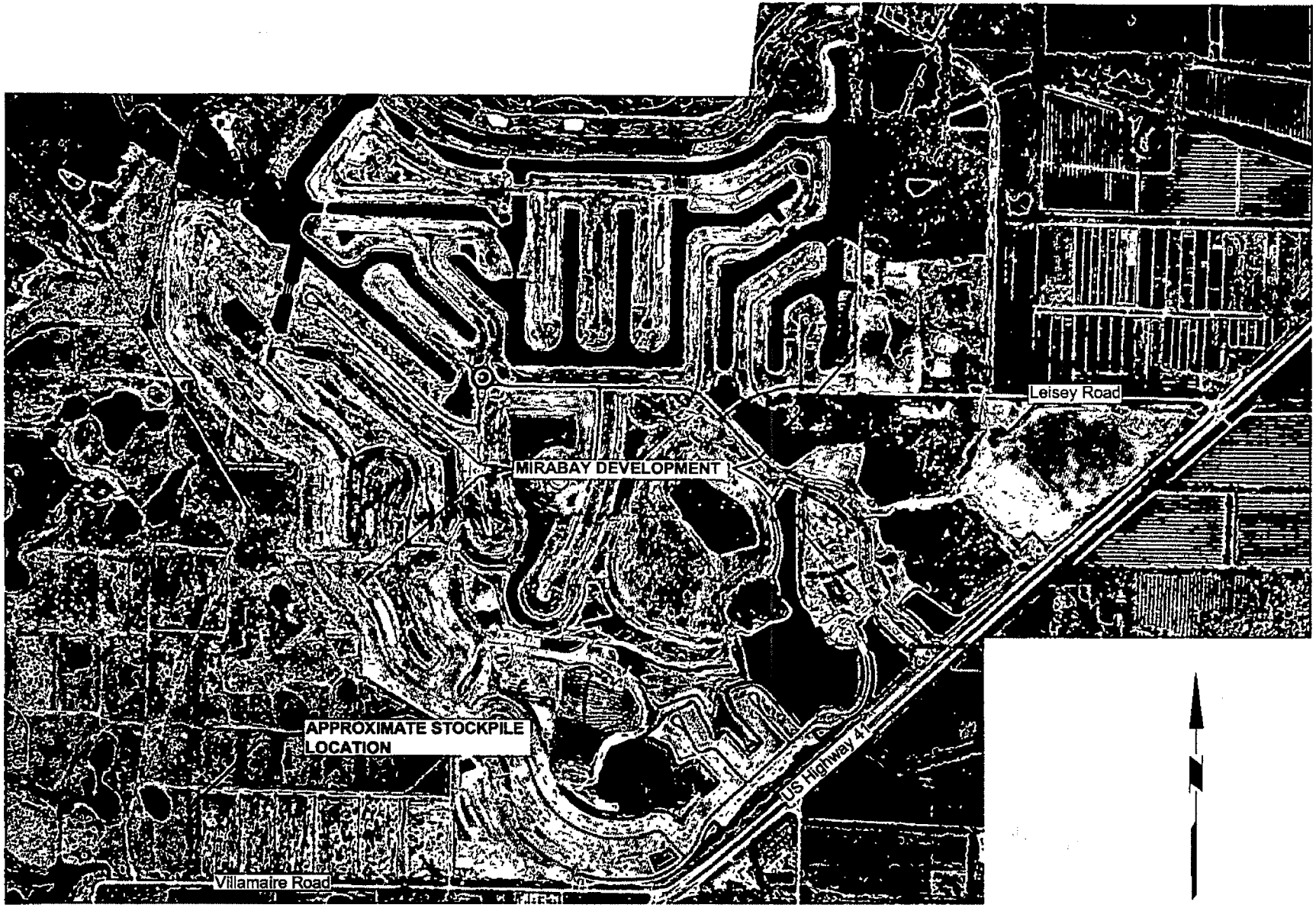

NOTES:

1. AERIAL IMAGE REPRODUCED FROM GLOBEXPLORER 2003 IMAGE.

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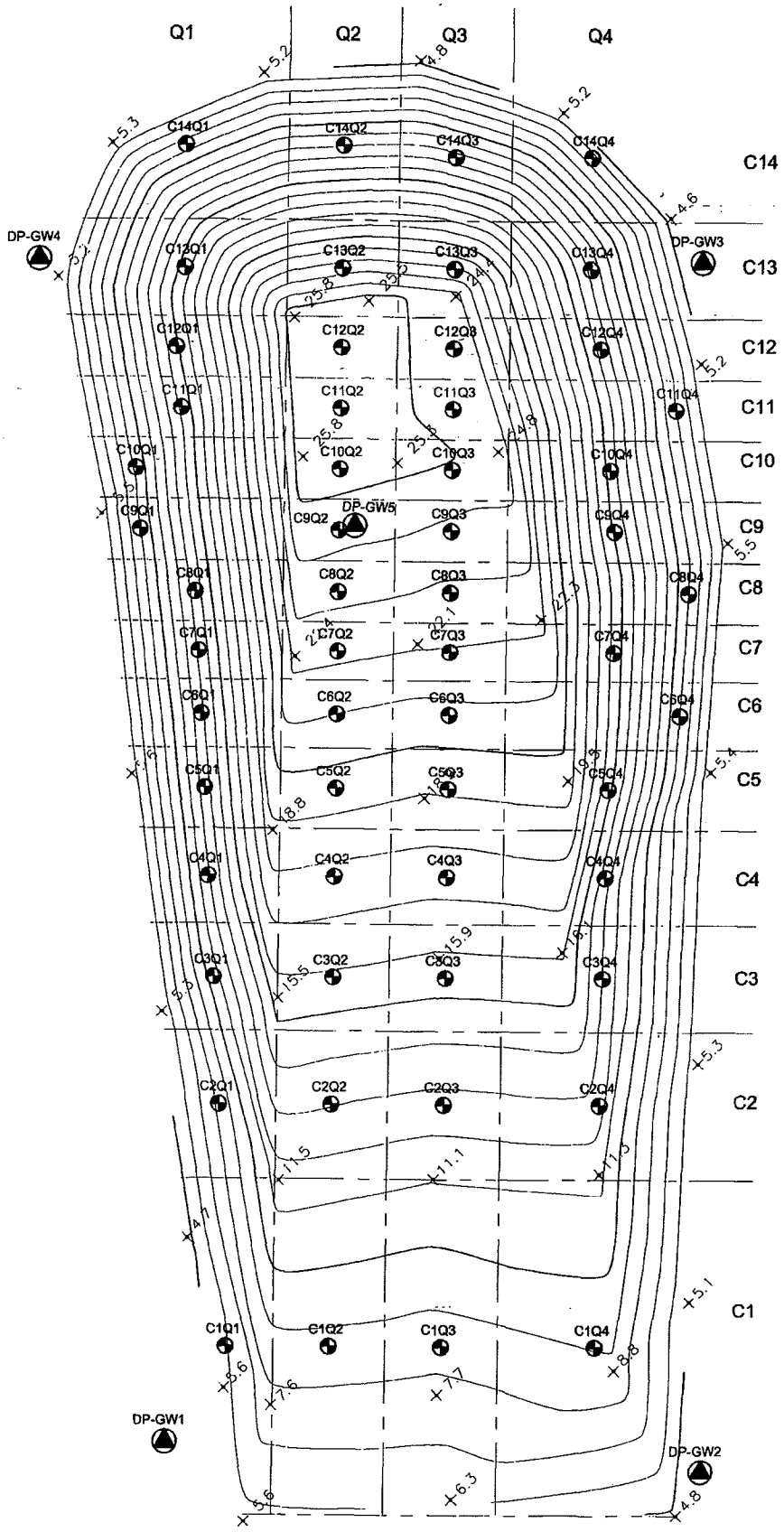
STOCKPILE LOCATION PLAN
MIRABAY DEVELOPMENT

APOLLO BEACH FLORIDA

Job No.	6093501	Scale	N.T.S.	Date	JAN 2005	Fig. No.	2

T:\Data5\6093501\Cadd Data - 6092501\Dwg\Stockpile Aerial.dwg



NOTES:

1. BASE PLAN REPRODUCED FROM MB STOCKPILE (AB-STOCK-LOC-12-09-04.dwg) BY HEIDT & ASSOCIATES, INC., EMAILED ON 15 DECEMBER 2004.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.

LEGEND:

C3Q1 — APPROXIMATE SOIL BORING LOCATION AND IDENTIFICATION NUMBER

DP-GW2 — APPROXIMATE GROUNDWATER SAMPLE LOCATION AND IDENTIFICATION NUMBER

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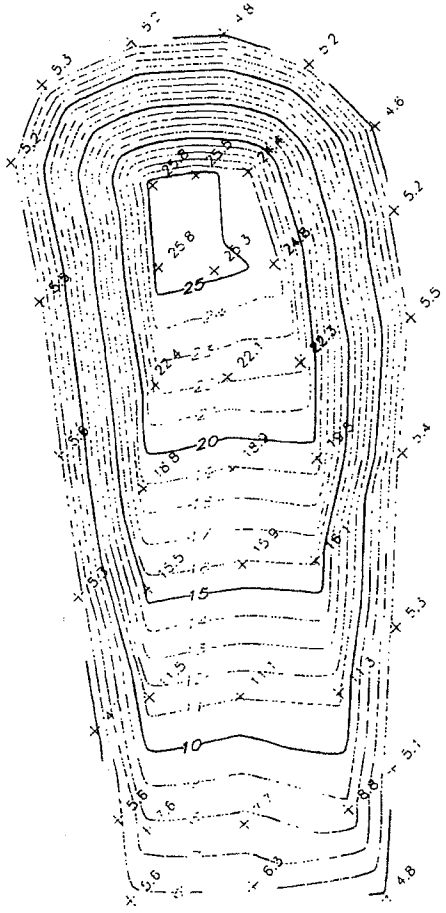
SAMPLE LOCATION PLAN
MIRABAY DEVELOPMENT

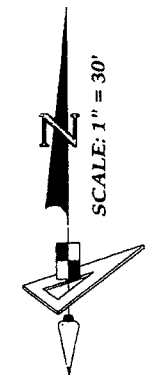
APOLLO BEACH — FLORIDA

Job No.	Scale	Date	Fig. No.
6093501	1" = 16'-0"	JAN 2005	3



5331 cu.yds	Grid
5340 cu.yds	Composite

Average Volume: 5335 cu.yds



Notes:

1) Elevations shown hereon are referenced to the National Vertical Datum of 1929 (NGVD 1929).

2) Volumes shown hereon were computed using both the Grid Method and Composite Method, the results of which, shown hereon, were generated using Autodesk Land Desktop Release 4.

QUANTITY SURVEY

No	Date	Description	Dwn

REVISIONS

Prepared For: LANGAN ENGINEERING

SURVEYOR'S CERTIFICATE

This certifies that this quantity survey was made under my supervision and meets the Minimum Technical Standards set forth by the Florida Board of Professional Surveyors & Mappers in Chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

(Not a Topographic Survey)

FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
David Alan Williams NO. LS 6423

PREPARED BY: HEIDT & ASSOCIATES, Inc.
Tampa • Fort Myers

CIVIL ENGINEERING
PLANNING
SURVEYING
ENVIRONMENTAL PERMITTING
LANDSCAPE ARCHITECTURE

Tampa Office
2212 Swann Avenue
Tampa, Florida 33606
Phone: 813-253-5311
Pinellas: 813-442-8536
Pasco: 813-842-2401
FAX: 813-253-2478

CERTIFICATE OF AUTHORIZATION NUMBER LB 148

Dwn. DAA	Ck. FB	Dwg: AB-STOCK-VOLUMESURVEY
Date: 12/09/04		Order No.: 140-05-185

SECTION 32, TWP. 31 S., RNG. 19 E.

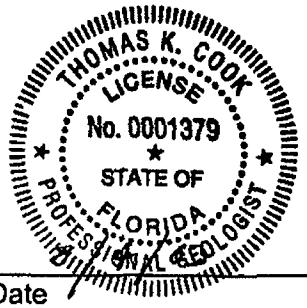
01-13-05 10:17AM HEIDT & ASSOC. DAVIDW::P:\APOLLO BEACH\MASTER PLAN\SURVEY\AB-STOCK-VOLUMESURVEY.DWG

USEPA Method 8270 for Polynuclear Aromatic Hydrocarbons and the FLPRO Method for Total Recoverable Petroleum Hydrocarbons. The final sampling results verified that groundwater hydrocarbon concentrations were below the method detection limits for all constituents of concern. Based on the data presented in this report, Enviro-Logical Solutions, Inc, requests that a No Further Action letter be issued for the discharge reported on February 7, 2003.

4.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Prepared by:

ENVIRO-LOGICAL SOLUTIONS, INC.



Thomas K. Cook, P.G.
Vice President Remediation

Date

TABLES

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 2/26/2003 Technician: J. Fisher Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-1	4	NA	25	10	15	
	8	NA	20	7	13	
	12	NA	0	0	0	sample collected for lab analysis
TP-2	4	NA	10	0	10	
	8	NA	40	2	38	
	12	NA	4	2	2	
TP-3	4	NA	2	0	2	
	8	NA	0	0	0	
	12	NA	0	0	0	sample collected for lab analysis
TP-4	4	NA	25	0	25	
	8	NA	18	5	13	
	12	NA	3	0	3	
TP-5	4	NA	30	0	30	
	8	NA	20	4	16	
	12	NA	5	2	3	
TP-6	4	NA	5	0	5	
	8	NA	0	0	0	
	12	NA	0	0	0	sample collected for lab analysis
TP-7	6	NA	160	0	160	
	10	NA	70	2	68	
	12	NA	8	0	8	

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 2/26/2003 Technician: J. Fisher Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-8	4	NA	200	0	200	
	8	NA	20	5	15	
	12	NA	2	1	1	
TP-9	4	NA	180	5	175	
	8	NA	30	5	25	
	12	NA	4	0	4	
TP-10	4	NA	210	10	200	
	8	NA	40	10	30	
	12	NA	5	2	3	
TP-11	4	NA	260	20	240	
	8	NA	20	8	12	
	12	NA	0	0	0	
TP-12	4	NA	180	10	170	
	8	NA	30	5	25	
	12	NA	10	5	5	
TP-13	4	NA	150	10	140	
	8	NA	15	0	15	
	12	NA	0	0	0	sample collected for lab analysis
TP-14	6	NA	160	25	135	
	10	NA	50	15	35	
	12	NA	12	4	8	

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 2/26&27/2003 Technician: J. Fisher Collection

Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab

FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-15	4	NA	400	50	350	
	8	NA	35	10	25	
	12	NA	15	10	5	
TP-16	4	NA	220	5	215	
	8	NA	30	0	30	
	12	NA	8	1	7	
TP-17	4	NA	110	20	90	
	8	NA	30	10	20	
	12	NA	5	0	5	
TP-18	4	NA	700	20	680	
	8	NA	150	15	135	
	12	NA	20	10	10	
TP-19	4	NA	185	10	185	
	8	NA	60	5	55	
	12	NA	15	8	7	
TP-20	4	NA	550	75	475	
	10	NA	2850	150	2700	
	15	NA	50	20	30	wet at 15 feet bls
TP-21	4	NA	450	30	420	
	10	NA	1800	90	1710	
	15	NA	45	25	20	wet at 15 feet bls

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 2/27&28/2003 Technician: J. Fisher Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-22	4	NA	350	25	325	
	10	NA	70	10	60	
	15	NA	15	10	5	wet at 15 feet bls
TP-23	4	NA	200	5	195	
	10	NA	25	10	15	
	15	NA	8	0	8	wet at 15 feet bls
TP-24	4	NA	115	20	95	
	8	NA	20	10	10	
	12	NA	5	1	4	
TP-25	4	NA	200	20	180	
	8	NA	45	15	30	
	12	NA	10	2	8	
TP-26	4	NA	100	15	85	
	8	NA	30	15	15	
	12	NA	10	8	2	
TP-27	4	NA	70	15	55	
	8	NA	25	15	10	
	12	NA	8	4	4	
TP-28	4	NA	55	10	45	
	8	NA	50	10	40	
	12	NA	15	7	8	

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 2/28/2003 Technician: J. Fisher Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-29	4	NA	120	15	105	
	8	NA	35	10	25	
	12	NA	10	0	10	
TP-30	4	NA	80	5	75	
	8	NA	25	10	15	
	12	NA	8	0	8	
TP-31	4	NA	115	15	100	
	8	NA	30	10	20	
	12	NA	8	2	6	
TP-32	4	NA	220	15	205	
	8	NA	110	5	105	
	12	NA	15	6	9	

TABLE 1
ENVIRO-LOGICAL SOLUTIONS, INC.
ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 3/5-6/2003 Technician: C. Stubbs Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-33	4	NA	25	5	20	
	8	NA	10	2	8	
	12	NA	8	4	4	
TP-34	4	NA	95	5	90	
	8	NA	620	20	600	
	12	NA	25	15	10	sample collected for lab analysis
TP-35	4	NA	105	15	90	
	8	NA	35	15	20	
	12	NA	15	6	9	
TP-36	4	NA	25	15	10	
	8	NA	10	5	5	
	12	NA	0	0	0	sample collected for lab analysis
TP-36E	4	NA	20	5	15	
	8	NA	15	8	7	
	12	NA	5	0	5	sample collected for lab analysis
TP-36S	4	NA	20	5	15	
	8	NA	10	0	10	
	12	NA	0	0	0	sample collected for lab analysis

TABLE 1

ENVIRO-LOGICAL SOLUTIONS, INC.

ORGANIC VAPOR ANALYZER READINGS

Project No. 02-712-00 Date 3/6-7/2003 Technician: C. Stubbs Collection
Project Name: Mirabay Address Apollo Beach, Florida DTW: ~ 12' bls Method: Grab
FDEP FAC # NA Contractor Woodruff Lab Analysis: NA

Sample Location	Sample Depth (Ft BLS)	Recovery (inches)	FID (Unfiltered) ppm	FID (Filtered) ppm	NET FID ppm	Comments
TP-37N	4	NA	160	5	155	
	10	NA	45	10	35	
	15	NA	20	8	12	wet, lab sample collected
TP-37S	4	NA	450	10	440	
	10	NA	1850	30	1820	
	15	NA	30	15	15	wet, lab sample collected
TP-38	4	NA	105	15	90	
	8	NA	35	15	20	
	12	NA	15	6	9	
TP-39N	4	NA	135	15	120	
	8	NA	85	5	80	
	14	NA	10	8	2	wet, lab sample collected
TP-39S	4	NA	165	15	150	
	8	NA	200	20	180	
	14	NA	20	5	15	wet, lab sample collected

FIGURES

DATE: 11/21/01

CAD FILE: M:\CAD\LIBRARY\LEGEND

MW-1	MONITORING/COMPLIANCE WELL
MW-1	ABANDONED MONITORING WELL
DW-1	DEEP MONITORING WELL
TMW-1	TEMPORARY MONITORING WELL
GMW-1	DIRECT PUSH MONITORING WELL
RW-1	RECOVERY WELL
VEW-1	VAPOR EXTRACTION WELL
HVEW-1	HORIZONTAL VAPOR EXTRACTION WELL
HWMP-1	HORIZONTAL WELL MONITORING POINT
MPE-1/VEP-1	MULTI-PHASE EXTRACTION OR VACUUM ENHANCED PUMPING RECOVERY WELL
AS-1/BS-1	AIR SPARGE/BIOSPARGE WELL
IW-1	INJECTION WELL
PZ-1	PIEZOMETER
SB-1	SOIL BORING
GS-1	GORE-SORBER
GP-1	DIRECT PUSH SAMPLING
CPT-1	CONE PENETROMETER TEST
PB-1	PILOT BORING
MIP-1	MEMBRANE INTERFACE PROBE
TP-1	TEST PIT
VP-1/BV-1	VAPOR/BIOVENT POINT
O-1	OXYGEN PROBE
	KEY MONITORING WELL
	PERIMETER MONITORING WELL
(P)	PUBLIC SUPPLY WELL
NA	NOT APPLICABLE
NM	NO MEASUREMENT
ND	NOT DETECTED
NS	NOT SAMPLED
NI	NOT INSTALLED
BDL	BELOW DETECTION LIMITS

ppm	PARTS PER MILLION
ppb	PARTS PER BILLION
mg/L	MILLIGRAMS PER LITER
ug/L	MICROGRAMS PER LITER

EXISTING FEATURE

SWALE OR SURFACE FLOW

PROPERTY BOUNDARY

FENCE

E — ABOVE GROUND UTILITY OR PIPE

E — BELOW GROUND UTILITY OR PIPE

PROCESS PIPING

LETTER ON UTILITY OR PIPE DENOTES SERVICE

E	ELECTRICAL	PW	POTABLE WATER
T	TELEPHONE	SS	SANITARY SEWER
NG	NATURAL GAS	SW	STORMWATER SEWER
SP	SAMPLE PORT	F	FUEL OIL, GASOLINE, OR DIESEL

HEAD WALL

CATCH BASIN

UTILITY POLE

MANHOLE

M — UTILITY METER

SIGN

LIGHT POLE

DISPENSER

CONCRETE

GRASS

PALM TREE

HARDWOOD TREE

2/6 — AREA WITHIN PHANTOM BORDER IS SHOWN IN DETAIL 2 ON SHEET "6"

A — A — CUT-SECTION IS SHOWN IN PROFILE AA

PROFILE LETTER OR DETAIL NUMBER

SECTION OR DETAIL TITLE — A/3

1" = 30'

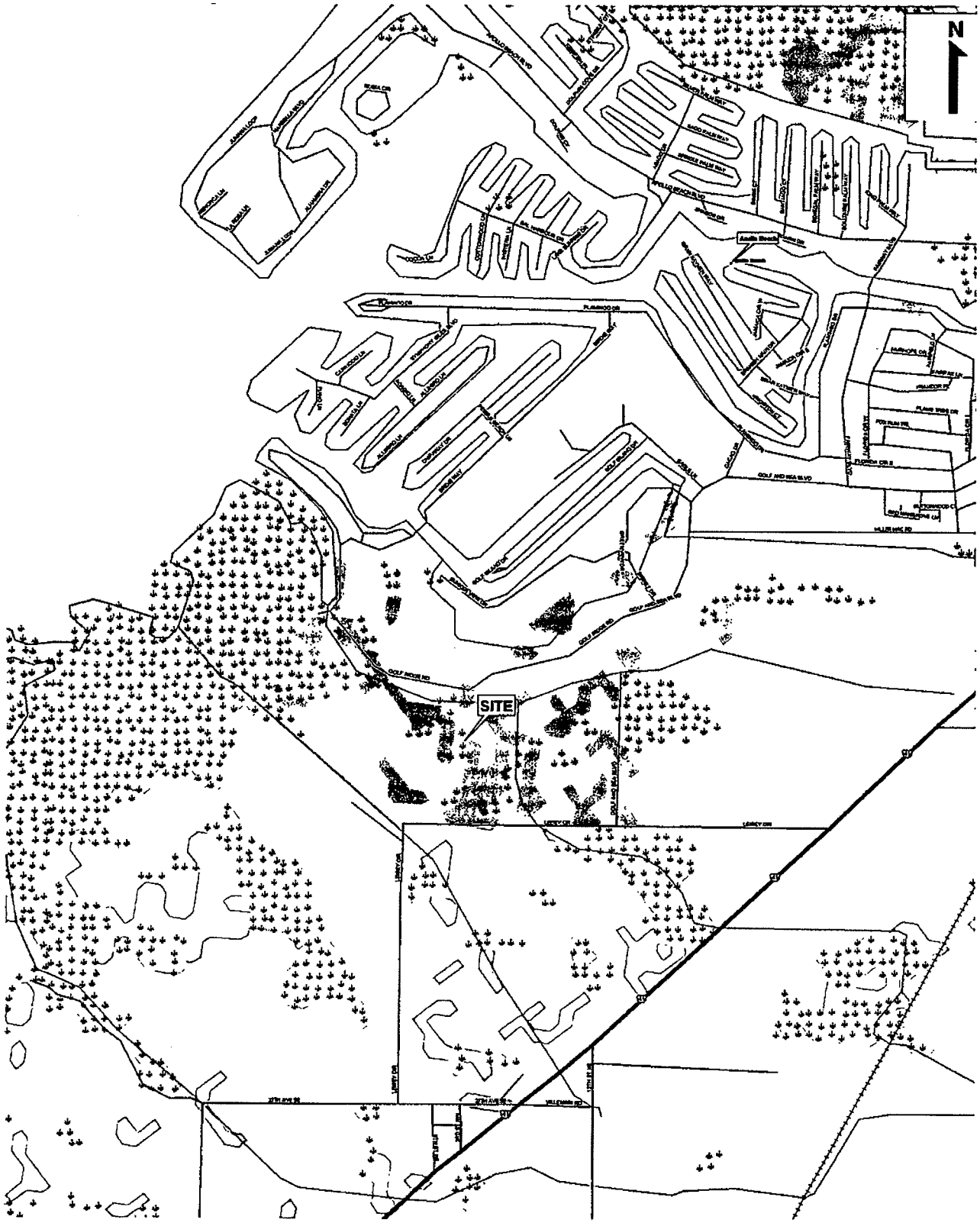
SCALE

SHEET(S) WHERE THIS SECTION OR DETAIL IS REFERENCED

ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

SITE MAP LEGEND

DESIGNED BY: | CHECKED BY: | APPROVED BY: | DRAFTED BY: LTF | CAD FILE// M:\CADD\WGS\PROJECTS\02-712\TOPO | DWG DATE: 1/30/03



Source: United States Department of the Interior Geological Survey
Gibsonton, FL Quadrangle Map, 2002

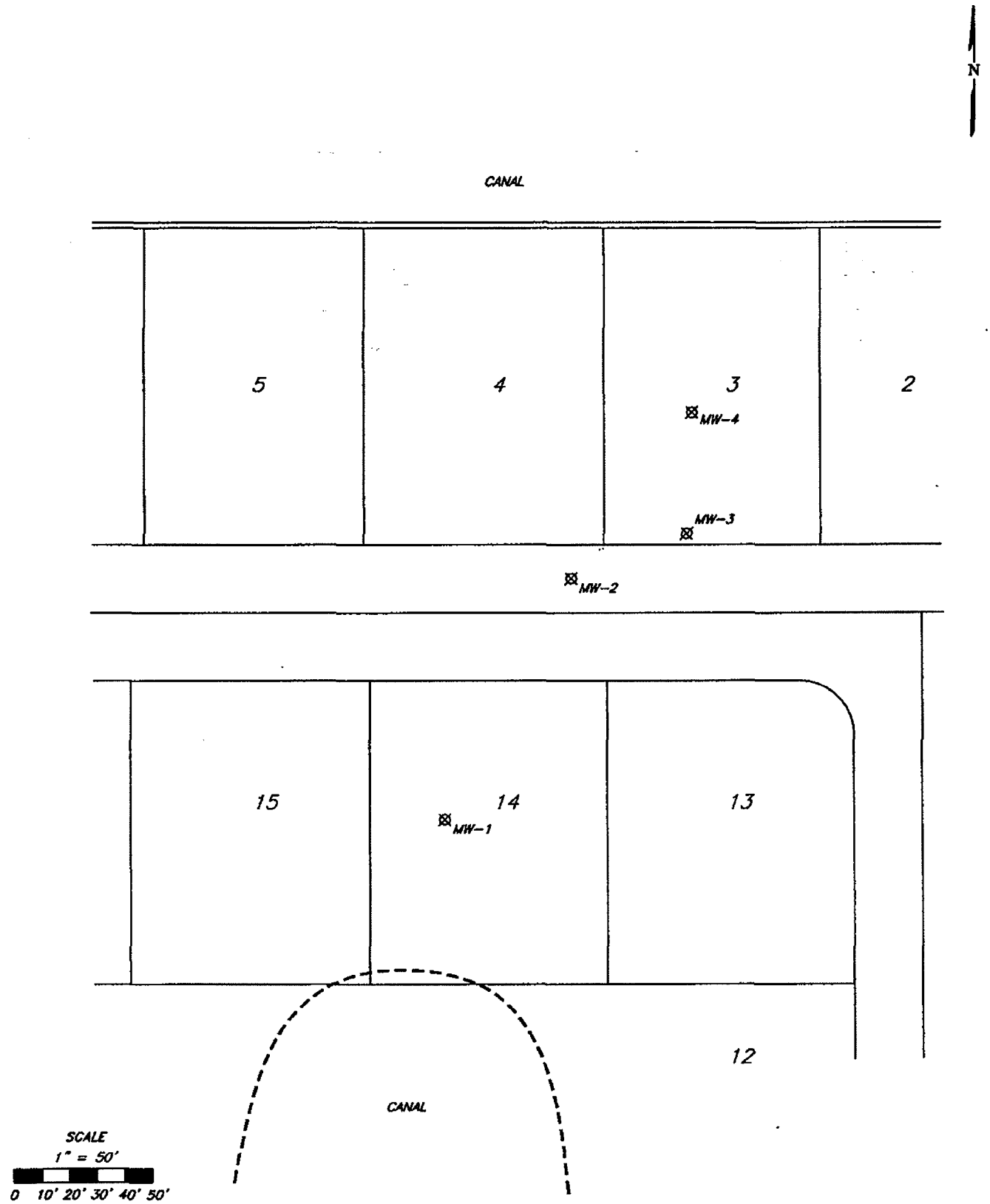
ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 1
SITE LOCATION MAP
SCALE=1:19,000



DWG DATE: 7/10/03
CAD FILE#: M:\CADD\GIS\PROJECTS\02-712\SITE\SITE
DRAFTED BY: LTF
APPROVED BY:
CHECKED BY:
DESIGNED BY:

ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

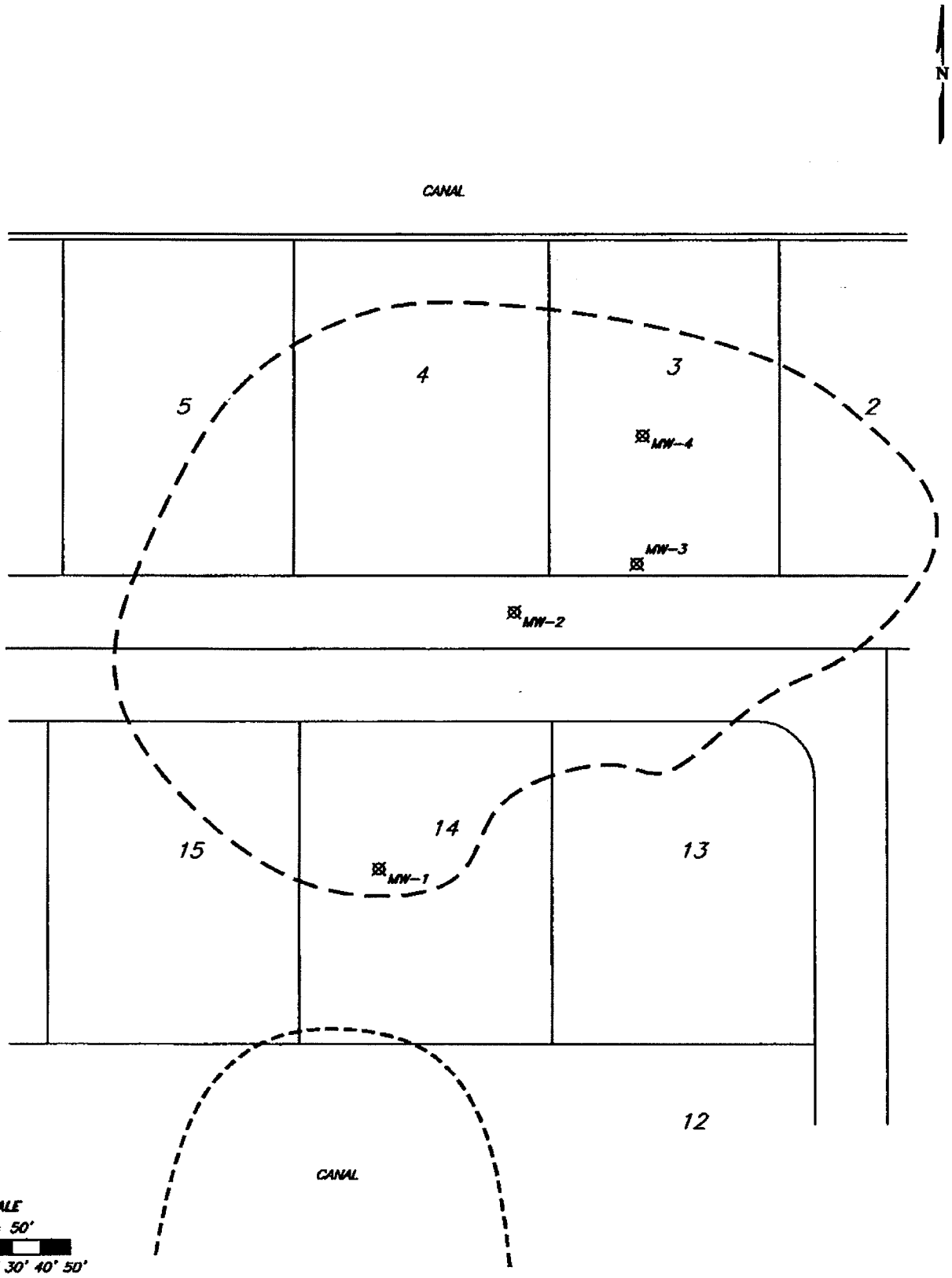
SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 2

PRE-SOURCE REMOVAL
SITE MAP



DESIGNED BY:
CHECKED BY:
APPROVED BY:
DRAFTED BY: LTF
CAD FILE# M:\CADD\WGSPROJECTS\02-712\SITES\TBSOIL EVAC
DWG DATE: 8/4/03

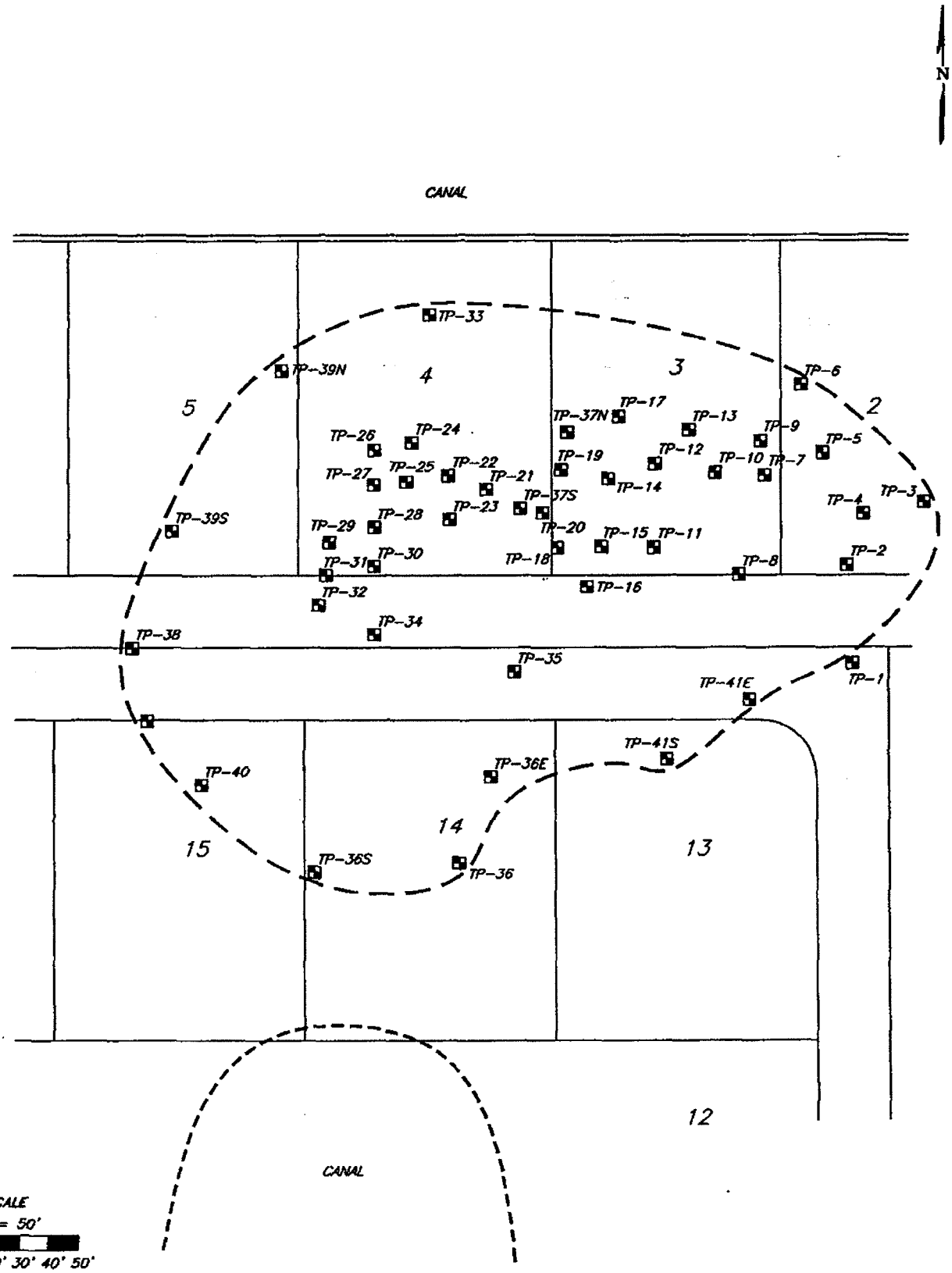
ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 3
SOIL EXCAVATION AREA



DESIGNED BY:

CHECKED BY:

APPROVED BY:

DRAFTED BY: LTF

CAD FILE# M:\CADD\GS\PROJECTS\02-712\SITES\SITEVIP2 & TP

DWG DATE: 7/21/03

ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

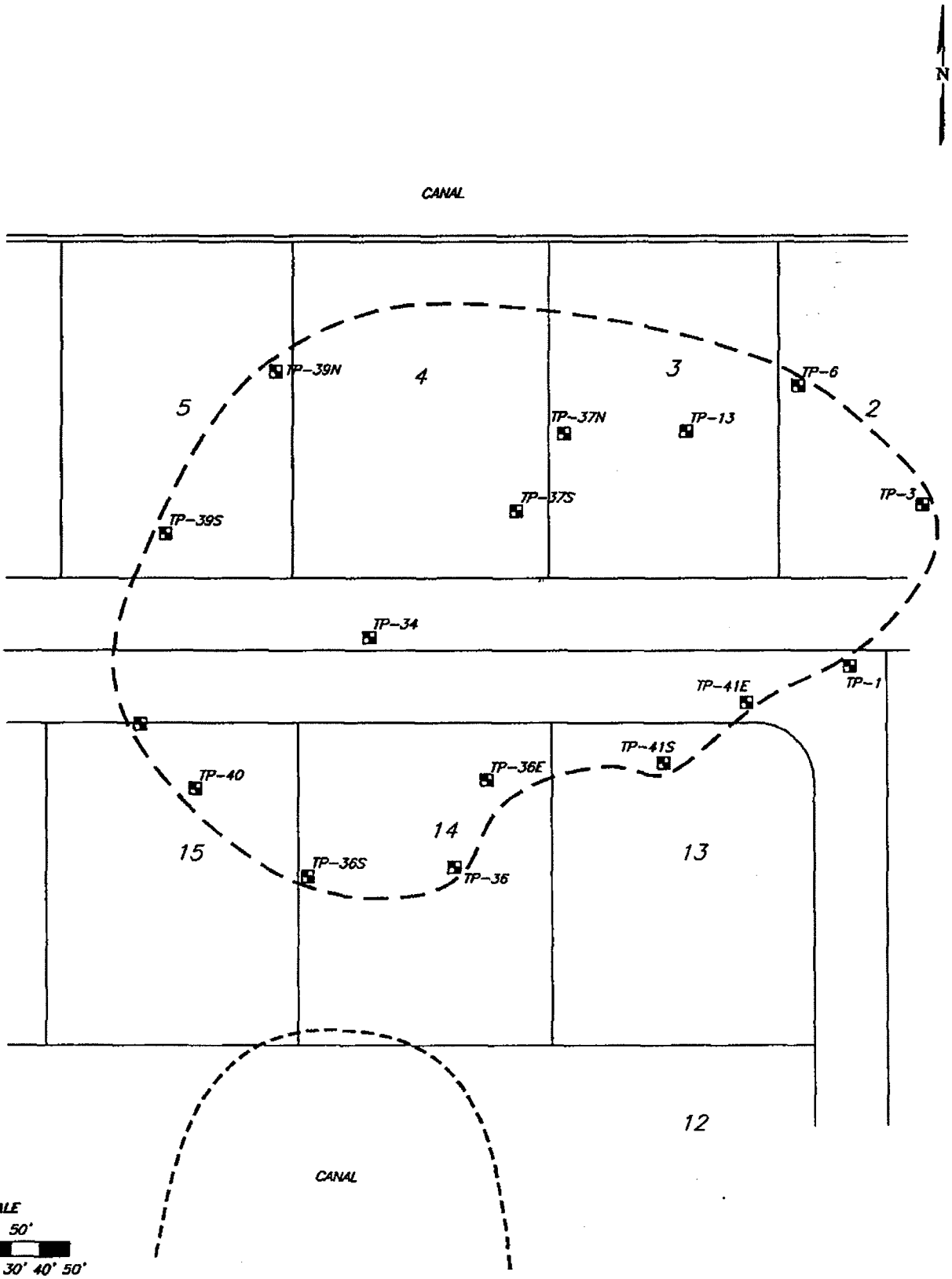
SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 4

OVA SOIL SCREENING LOCATIONS



DWG DATE: 7/21/03
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DRAFTED BY: LTF
APPROVED BY:
CHECKED BY:
DESIGNED BY:

ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

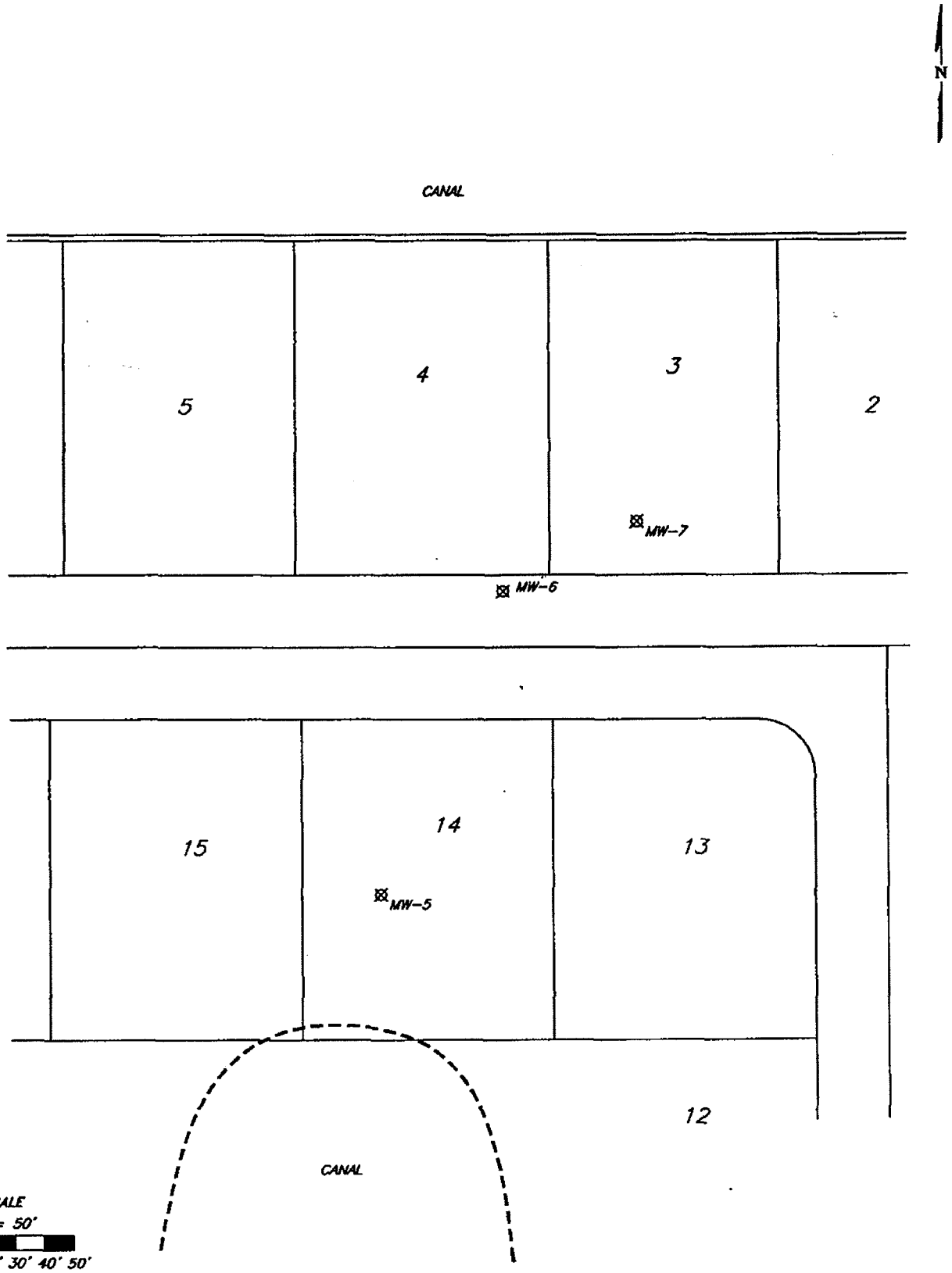
SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 5

LABORATORY SOIL SAMPLING LOCATIONS



DWG DATE: 7/21/03
CAD FILE#: M:\CAD\DWGS\PROJECTS\02-712\SITES\SITE\MW2
DRAFTED BY: LTP
APPROVED BY:
CHECKED BY:
DESIGNED BY:

ENVIRO-LOGICAL SOLUTIONS, INC.
13135 N. DALE MABRY HIGHWAY
TAMPA, FLORIDA 33618
(813) 963-0811

SITE LOCATION

MIRABAY
PARCEL 12 - NORTH SIDE
APOLLO BEACH, FLORIDA

TITLE

FIGURE 6
POST-SOURCE REMOVAL
SITE MAP

Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M Castille
Secretary

APR 18 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Gregory Packer
Terrabrook Apollo Beach, LP
3030 LBJ Freeway, LB-6, Suite 1500
Dallas, Texas 75234

Subject: Site Rehabilitation Completion Order
Mirabay Development
Leisey Road and U.S. 41 South
Apollo Beach, Hillsborough County
FDEP Facility ID# 299805663
Discharge Date: December 18, 2002 (Non-program)

Dear Mr. Packer:

Environmental Protection Commission of Hillsborough County (EPCHC) has reviewed the Soil Stockpile Sampling/Limited Groundwater Assessment Report Addendum and No Further Action Proposal (NFAP) dated February 18, 2005 and certified February 17, 2005 (received February 22, 2005), prepared and submitted by Langan Engineering and Environmental Services, Incorporated, for the petroleum product discharge discovered at this site. Documentation submitted with the NFAP confirms that criteria set forth in Rule 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. The NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the site for petroleum product contamination associated with the discharge listed above, except as set forth below.

In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the site, the Florida Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the NFAP or otherwise allowed by Chapter 62-770, F.A.C.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative proceeding (hearing) is filed under Sections 120.569 and 120.57, Florida

Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for a hearing are set forth below.

Persons affected by this Order have the following options:

(A) If you choose to accept the Department's decision regarding the NFAP, you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

(B) If you choose to challenge the decision, you may do the following:

(1) File a request for an extension of time to file a petition for hearing with the Agency Clerk in the Office of General Counsel of the Department within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for hearing; or

(2) File a petition for administrative hearing with the Agency Clerk in the Office of General Counsel of the Department within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for Administrative Hearing

For good cause shown, pursuant to Rule 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Terrabrook Apollo Beach, LP, shall mail a copy of the request to Terrabrook Apollo Beach, LP, at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for administrative hearing must be made.

How to File a Petition for Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Terrabrook Apollo Beach, LP, shall mail a copy of the petition to Terrabrook Apollo Beach, LP, at the time of filing.

Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsections 120.54(5)(b)4. and 120.569(2), F.S., and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the name, address, and telephone number of the petitioner's representative, if any, the site owner's name and address, if different from the petitioner, the FDEP facility number, and the name and address of the facility;
(b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
(c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of the material facts disputed by the petitioner, or a statement that there are no disputed facts;
(e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, 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 after this Order is filed with the clerk of the Department (see below).

Questions

Any questions regarding EPCHC's review of your NFAP should be directed to Carl J. Heintz, P.G., at (813) 272-5960 ext. 1302. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

The FDEP Facility Number for this site is 299805663. Please use this identification on all future correspondence with the Department or EPCHC.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/cjh

cc: Grace Rivera, FDEP – BPSS
Carl J. Heintz, P.G., EPCHC
Ken Weber, Southwest Florida Water Management District, 2379 Broad Street, Brooksville, Florida 34604-6899
Vincent D. Yarina, P.G., Langan Engineering and Environmental Services, Incorporated, 7900 Miami Lakes Drive West, Suite 102, Miami Lakes, Florida 33016
Stephen C. Jones, Esquire, Greenberg Traurig, LLP, 2700 Two Commerce Square, 2001 Market Street, Philadelphia, Pennsylvania 19103
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Nancy C Dan
Clerk
(or Deputy Clerk)

4-18-2005
Date

P.G. CERTIFICATION

No Further Action Proposal for Mirabay Development, located at Leisey Road and U.S. 41 South, Apollo Beach, FDEP Facility ID# 299805663.

I hereby certify that in my professional judgment, the reported components of this No Further Action Proposal satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the objectives stated in Chapter 62-770, F.A.C., have been met.

_X_ I personally completed this review.

___ This review was conducted by _____ working under my direct supervision.

Carl J. Heintz, P.G.
Professional Geologist 1829
Environmental Protection Commission of Hillsborough County

3/2/05
Date

Discharge Report Form

PLEASE PRINT OR TYPE

Instructions are on the reverse side. Please complete all applicable blanks

1. Facility ID Number (if registered): 29805663 2. Date of form completion: 2/7/03

3. General information
Facility name or responsible party (if applicable): Terrabrook
Facility Owner or Operator, or Discharger:
Contact Person: Steven Gamm Telephone Number: (813) 781-6236 County: Hillsborough
Facility or Discharger Mailing Address: 3505 Frontage Road, Suite 145, Tampa, Florida 33607
Location of Discharge (street address): Mirabay Development Lithia Road & U.S. Highway 41, Apollo Beach, Florida
Latitude and Longitude of Discharge (if known)

4. Date of receipt of test results or discovery of confirmed discharge: 12/18/02 month/day/year

5. Estimated number of gallons discharged:

6. Discharge affected: [ ] Air [✓] Soil [✓] Groundwater [ ] Drinking water well(s) [ ] Shoreline [ ] Surface water (water body name)

7. Method of discovery (check all that apply)
[ ] Liquid detector (automatic or manual) [ ] Internal inspection [ ] Closure/Closure Assessment
[ ] Vapor detector (automatic or manual) [ ] Inventory control [ ] Groundwater analytical samples
[ ] Tightness test [ ] Monitoring wells [ ] Soil analytical tests or samples
[ ] Pressure test [ ] Automatic tank gauging [ ] Visual observation
[ ] Statistical Inventory Reconciliation [ ] Manual tank gauging [✓] Other during earthwork at construction site

8. Type of regulated substances discharged: (check one)
[✓] Unknown [ ] Used/waste oil [ ] Jet fuel [ ] Heating oil [ ] New/lube oil
[ ] Gasoline [ ] Aviation gas [ ] Diesel [ ] Kerosene [ ] Mineral acid
[ ] Hazardous substance - include CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives (write in name or Chemical Abstract Service (CAS) number)
[ ] Other

9. Source of Discharge: (check all that apply)
[ ] Dispensing system [ ] Pipe [ ] Barge [ ] Pipeline [ ] Vehicle
[ ] Tank [ ] Fitting [ ] Tanker ship [ ] Railroad tanker [ ] Airplane
[✓] Unknown [ ] Valve failure [ ] Other Vessel [ ] Tank truck [ ] Drum
[ ] Other

10. Cause of the discharge: (check all that apply)
[ ] Loose connection [ ] Puncture [ ] Spill [ ] Collision [ ] Corrosion
[ ] Fire/explosion [ ] Overfill [ ] Human error [ ] Vehicle Accident [ ] Installation failure
[✓] Other unknown

11. Actions taken in response to the discharge: Soil borings and monitoring wells installed. Soil and groundwater sampling and analysis to determine extent of problem.

12. Comments:

13. Agencies notified (as applicable):
[ ] State Warning Point 1-800 320-0519 [ ] National Response Center 1-800 424-8802 [ ] Florida Marine Patrol (800) 342-5367 [ ] Fire Department. [ ] DEP (district/person) [✓] County Tanks Program

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

Steven E. Gamm
Printed Name of Owner, Operator or Authorized Representative, or Discharger

Signature of Owner, Operator or Authorized Representative, or Discharger

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SOLID WASTE & TANK REGULATION

COMMISSION
Stacy Easterling
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Ronda Storms

Administrative Offices,
Legal & Water Management Division
The Roger P. Stewart Environmental Center
1900 - 9th Ave. • Tampa, FL 33605
Ph. (813) 272-5960 • Fax (813) 272-5157
Air Management Fax 272-5605
Waste Management Fax 276-2256
Wetlands Management Fax 272-7144
1410 N. 21st Street • Tampa, FL 33605

Executive Director
Richard D. Garrity, Ph.D.

April 18, 2003

Terrabrook Apollo Beach, L.P.
C/o Registered Agent
CT Corporation System
1200 South Pine Island Road
Plantation, FL 33324

Dear Sir or Madam,

**SUBJECT: PETROLEUM CONTAMINATION; Mirabay Development,
Leisey Rd. & US 41 S., Apollo Beach; Folio # 051638.0100
EPC Pending # 200300015; Discharge Date- December 16, 2002**

The information received on March 31, 2003 indicates petroleum contaminant concentrations exceeding groundwater cleanup target levels (GCTLs) pursuant to Chapter 62-777, Florida Administrative Code (F.A.C.).

Therefore, all sites contaminated with petroleum products must be remediated in accordance with the requirements of Chapter 62-770, F.A.C.

- *Written notification at least three days prior to performing field activities shall be given pursuant to 62-770.830(1), F.A.C.*
- Product recovery shall be performed in accordance with Rule 62-770.300 F.A.C.
- Free product recovery or initiate product recovery within three (3) days of discovery of free product.
- Source removal must be performed in accordance with Rule 62-770.300, F.A.C.
- Within 60 days of completion of the source removal two (2) copies of the Source Removal Report must be sent to Michael McKelvey.
- Initiate a Site Assessment within thirty (30) days of discovery of the contamination.
- Within two hundred seventy (270) days of discovery of contamination, the responsible party shall submit two (2) copies of a Site Assessment Report to:

Michael McKelvey
Environmental Protection Commission of Hillsborough County
Waste Management Division, Cleanup Section
1410 North 21st Street
Tampa, FL 33605

Site 22:
Former Artesian Farms

Site 22

Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

FEB 14 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Glenn Dickman
Artesian Farms, Incorporated
Post Office Box 128
Ruskin, Florida 33575

Subject: Site Rehabilitation Completion Order
Artesian Farms
5355 Northeast 12th Street
Ruskin, Hillsborough County
FDEP Facility ID# 298837773 29862480
Discharge Date: October 26, 1988 (EDI)
Discharge Score: 41

Dear Mr. Dickman:

Environmental Protection Commission of Hillsborough County (EPCHC) has reviewed the Site Assessment Report (SAR) and No Further Action Proposal (NFAP) dated May 2002 (received June 3, 2002), and the Confirmation Sampling Report dated December 2002 (received December 12, 2002), prepared and submitted by HSA Engineers & Scientists for this site. Documentation submitted with the NFAP confirms that criteria set forth in Rule 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. The NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the site for petroleum product contamination associated with the discharge listed above, except as set forth below.

In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the site, the Florida Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the NFAP or otherwise allowed by Chapter 62-770, F.A.C.

Questions

Any questions regarding EPCHC's review of your NFAP should be directed to Nicole D. Garcia at (813) 272-5955, ext. 1296. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

Sincerely,

Michael E. Ashey, Chief
Bureau of Petroleum Storage Systems

MEA/ndg

cc: Grace Rivera, FDEP – BPSS
Nicole D. Garcia, EPCHC
William Hutchings, HSA Engineers & Scientists, 4019 East Fowler Avenue, Tampa, FL 33617
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to
§120.52 Florida Statutes, with the
designated Department Clerk, receipt
of which is hereby acknowledged.

Nancy C Dan — Clerk (or Deputy Clerk)
2-14-2003 — Date

P.G. CERTIFICATION

No Further Action Proposal for Artesian Farms, Incorporated, located at 5355 Northeast 12th Street, Ruskin, FL FDEP Facility ID# 298837773

I hereby certify that in my professional judgment, the components of this No Further Action Proposal satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the objectives stated in Chapter 62-770, F.A.C., have been met.

___ I personally completed this review.

_X__ This review was conducted by Nicole D. Garcia working under my direct supervision.

Harold D. Koechlein

Harold D. Koechlein, P.G.
Professional Geologist #874

1/29/03
Date

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DEC 1 3 2002

EPC/Waste Management Division

SOIL CONFIRMATION & BACKGROUND SAMPLING REPORT ARTESIAN FARMS, INC. 5355 NE 12TH STREET RUSKIN, FLORIDA HILLSBOROUGH COUNTY

December 2002

SOIL CONFIRMATION & BACKGROUND SAMPLING REPORT
ARTESIAN FARMS, INC.
5355 NE 12TH STREET
RUSKIN, FLORIDA
HILLSBOROUGH COUNTY

Prepared for:

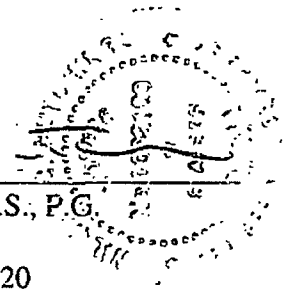
Hillsborough County Environmental Protection Commission
Waste Management Division
HCEPC Program Site Manager: Nicole D. Garcia
1900 9th Avenue
Tampa, Florida 33605
Hillsborough County

Prepared by

HSA Engineers & Scientists
4019 East Fowler Ave.
Tampa, Florida 33617

HSA Project Manager: W.C. Hutchings, M.S., P.G.
HSA Project No. 60-05-5115-00
FAC ID# 298837773

December 13, 2002



William C. Hutchings, M.S., P.G.
Professional Geologist
Florida License PG0002120

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5.0 CONCLUSIONS & RECOMMENDATIONS

The results of the confirmation and background soil sampling were both below the laboratory reporting limits, which were both below the SCTLs for arsenic. The Leachability, Residential, and Industrial SCTLs for arsenic are 29 mg/Kg, 0.8 mg/kg, and 3.7 mg/kg, respectively.

The previous confirmation soil sample (SS-5), collected from the bottom of the excavation, exhibited a concentration of 3.98 mg/Kg. Since confirmation sample SS-5c did not exhibit a detectable concentration, it is assumed that the previous detection in soil sample SS-5 represented either an anomalous or artificial laboratory detection. As a result of the site remediation activities, confirmed by the latest soil analytical results, the site does not appear to exhibit impacts above applicable regulatory criteria. Therefore, in accordance with Chapter 62-770, FAC, HSA recommends a "No Further Action" for the Artesian Farms, Inc. site and regulatory issuance of a Site Rehabilitation Completion Order.

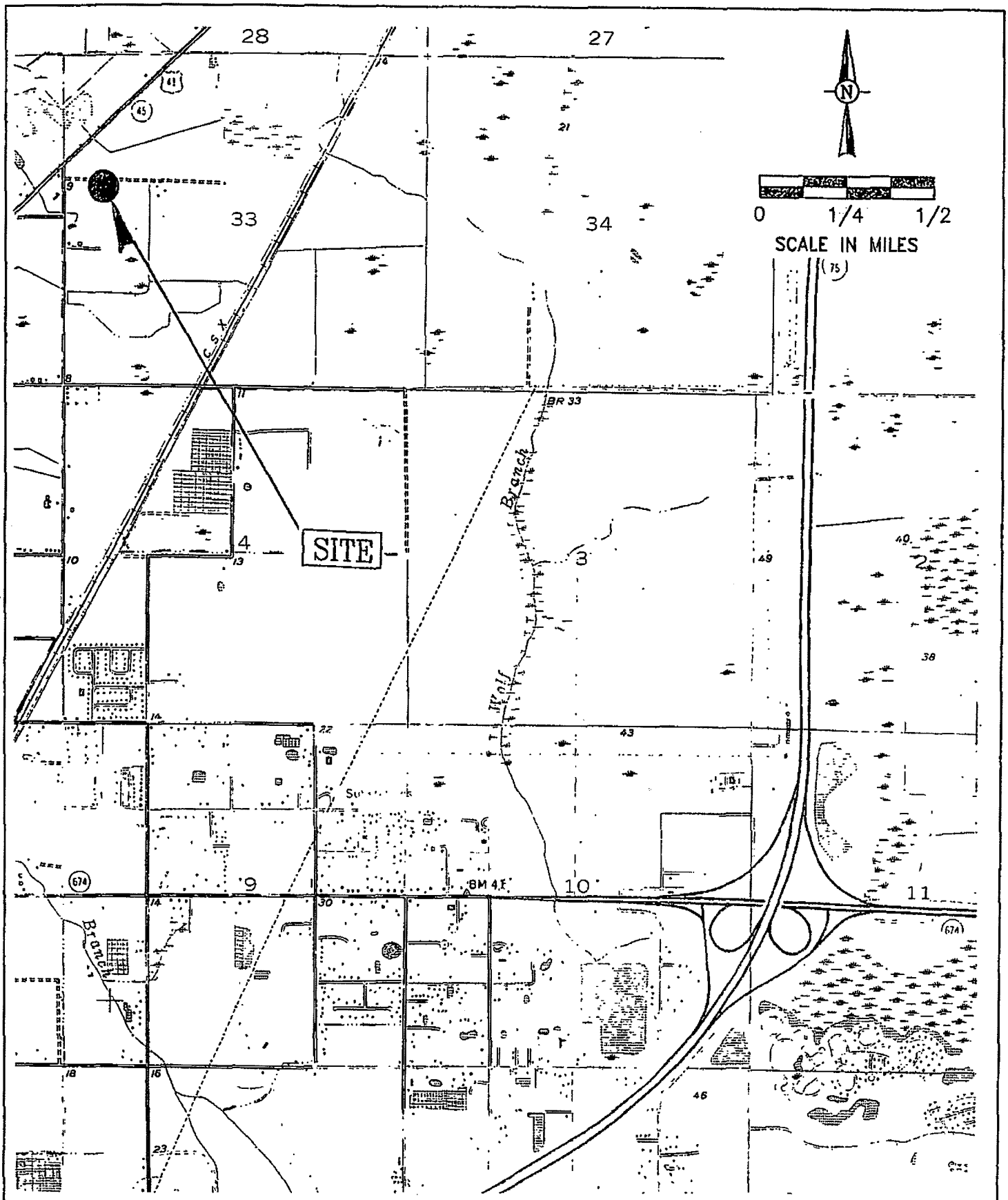
TABLES

Table 1. Summary of Soil Analytical Results

Parameters	Soil Cleanup Target Levels			Confirmation Soil Sample Identifications						
(units)	Direct Exposure Residential (mg/Kg)	Direct Exposure Industrial (mg/Kg)	Leachability Based on Groundwater Criteria (mg/Kg)	SS-1 (2.0 ft bls) 4/24/2002 (mg/Kg)	SS-2 (2.0 ft bls) 4/24/2002 (mg/Kg)	SS-3 (2.0 ft bls) 4/24/2002 (mg/Kg)	SS-4 (2.0 ft bls) 4/24/2002 (mg/Kg)	SS-5 (4.0 ft bls) 4/24/2002 (mg/Kg)	SS-5c (4.0 ft bs) 11/26/2002 (mg/Kg)	SS-6 (4.0 ft bls) 11/26/2002 mg/Kg
Volatiles EPA Method 8021	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA
TOX EPA Method 9253	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA
Semi-Volatiles										
TPH EPA Method FL PRO	340	2500	340	<16.0	<16.0	<17	<16	26	NA	NA
PCB EPA Method 8082	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA
Inorganics EPA Method 6010										
Arsenic	0.8	3.7	29	<0.5	<0.5	0.83	<0.5	3.98	ND	ND
Cadmium	75	1300	8	<0.1	<0.1	<0.1	<0.1	0.1	NA	NA
Chromium	210	420	38	0.83	1.09	1.73	0.874	6.97	NA	NA
Lead	400	920	***	0.557	1.71	0.838	1.06	1.03	NA	NA
Barium	110	87,000	1,600	NA	NA	NA	NA	NA	NA	NA
Selenium	390	10,000	5	NA	NA	NA	NA	NA	NA	NA
Silver	390	9,100	17	NA	NA	NA	NA	NA	NA	NA
Mercury EPA Method 7471	3.4	26	2.1	NA	NA	NA	NA	NA	NA	NA

Notes:
N/A = Not Applicable
mg/Kg = milligrams per Kilogram
ND = Not Detected
PAH = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons
As = Arsenic
Cd = Cadmium
Cr = Chromium
Pb = Lead
NA = Not Analyzed
ft bls = feet below land surface
*** = Leachability values may be derive
the SPLP Test to calculate site-specific SCTLs
SPLP = Synthetic Precipitation Leaching Procedure
Ba = Barium
Se = Selenium
Ag = Silver
Hg = Mercury
TOX = Total Organic Halogens

FIGURES



SOURCE: U.S.G.S. RUSKIN, FLA. QUADRANGLE MAP, #27082-F4-TF-024, PHOTOREVISED 1987

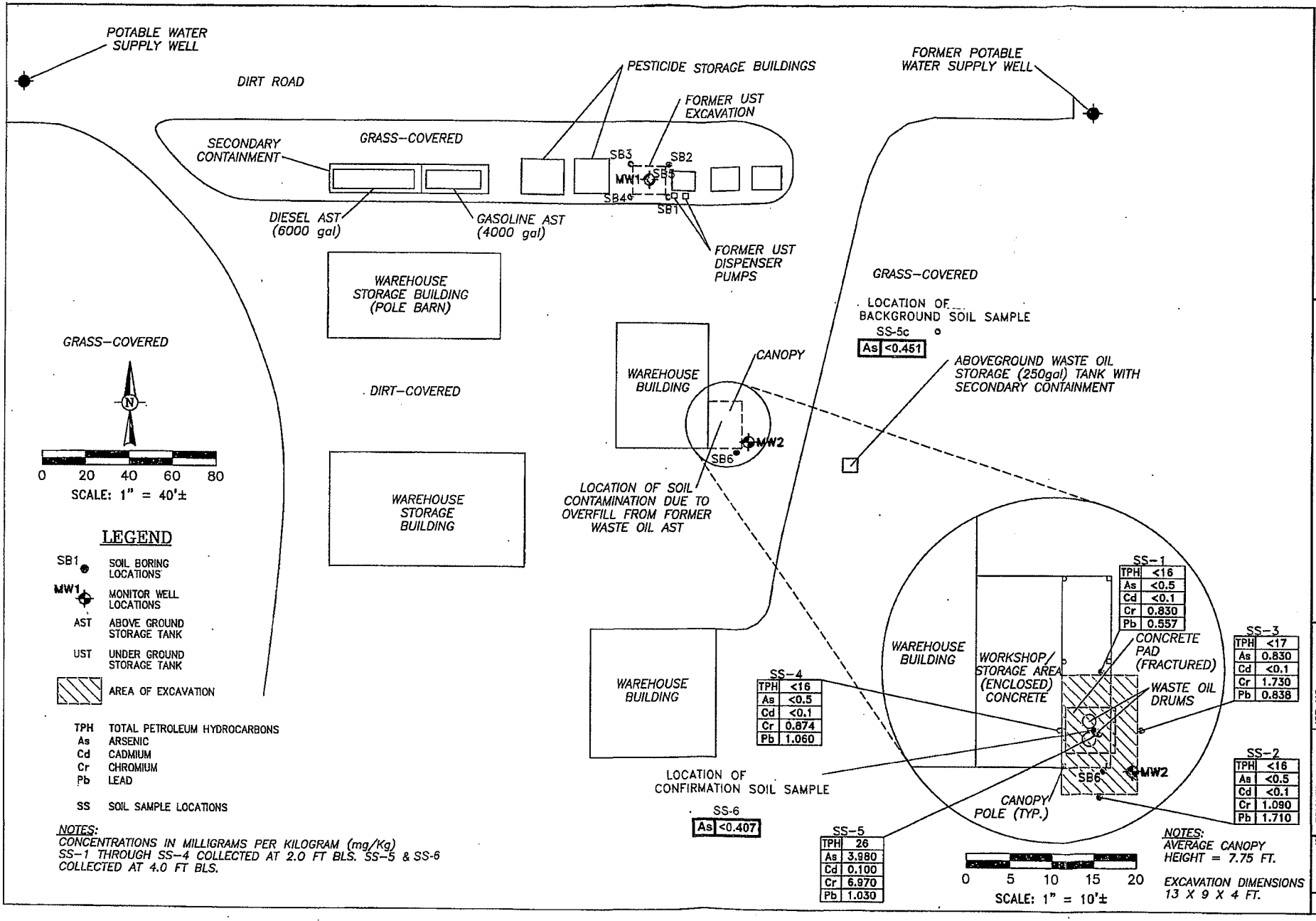
JOB NO.: 6005511500
CAD NO.: 511500-01
DATE: 11/13/01

HSA ENGINEERS & SCIENTISTS
4019 E. Fowler Avenue Tampa, Florida 33617 Tel: (813) 971-3882

ARTESIAN FARMS, Inc.
5355 12th STREET NE
RUSKIN, FLORIDA

SHEET TITLE
USGS QUADRANGLE MAP

FIGURE 1



ARTESIAN FARMS, Inc.
5355 12th STREET NE
RUSKIN, FLORIDA

HSA ENGINEERS & SCIENTISTS
4019 E. Fowler Avenue Tampa, Florida 33617 Tel: (813) 971-3882

JOB NO.: 6005511500	DESIGNED	N/A	
DATE: 10/02/02	DRAWN	DLW	
CAD NO.: 511500-02	CHECKED	BM	

SHEET TITLE
SOIL AND GROUNDWATER SAMPLING PLAN

FIGURE 2

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DOCUMENT MANAGEMENT
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INITIAL SITE ASSESSMENT
Artesian Farms, Inc.
5355 NE 12th Street
Ruskin, Florida

HSA Project No: 60-05-5115-00

INITIAL SITE ASSESSMENT REPORT
ARTESIAN FARMS, INC.
5355 NE 12TH STREET
RUSKIN, FLORIDA-
HILLSBOROUGH COUNTY

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NOV 26 2001

EPC/Waste Management Division

Prepared for:

Hillsborough County Environmental Protection Commission
Waste Management Division
HCEPC Program Site Manager: Nicole D. Garcia
1900 9th Avenue
Tampa, Florida 33605
Hillsborough County

Prepared by:

William C. Hutchings, M.S., P.G.

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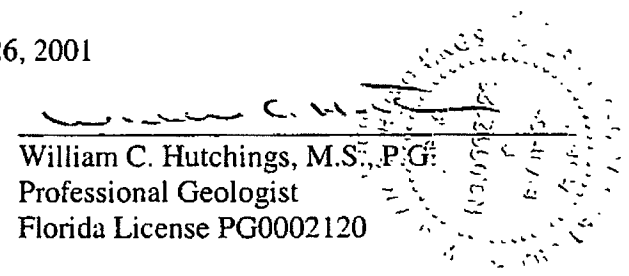
Tampa, Florida 33617

HSA Project Manager: W.C. Hutchings, M.S., P.G.
HSA Project No. 60-05-5515-00
FAC ID# ~~298837773~~ 29862489O

November 26, 2001



William C. Hutchings, M.S., P.G.
Professional Geologist
Florida License PG0002120

area of the site has an approximate elevation of 9 ft, National Geodetic Vertical Datum (NGVD), 1929.

The site consists of several warehouse buildings used for maintenance and storage as shown in **Figure 2**. In addition, several smaller storage buildings exist along the road providing access to the site. Currently, two Aboveground Storage Tanks (ASTs) exist on-site for storing fuel. One is 4,000-gallons and the other is 6,000-gallons containing diesel and gasoline, respectively. A 250-gallon waste oil AST is located on the west side of the facility. The former fuel Underground Storage Tank (UST) area, which was sampled for this assessment, is located between the pesticide storage buildings to the west and miscellaneous storage buildings to the east. The area of soil contamination associated with the former waste oil AST, which was also sampled for this assessment, is located under a canopy adjacent to a warehouse on the east side of the facility.

A former potable water supply well is located approximately 210 ft east of the former UST area and an existing potable water supply well is located approximately 300 ft west of the former UST area.

2.2 Site History

On December 5, 1988, Mr. Glenn Dickman of Artesian Farms, Inc. submitted an Early Detection Incentive (EDI) Program application to the Florida Department of Environmental Regulation (FDER) for the discharge of unleaded gasoline from an UST system, based on the manual test of a monitoring well(s). On November 21, 1989, A UST Program Inspection was conducted by the FDER. This inspection documented the presence of a petroleum product odor in monitor well MW-1, a compliance well located on the southeast corner of the UST. Soil staining was also documented near the waste oil AST located on the southeast part of the property occupied by the support facilities.

On November 5, 1992, the FDER notified Mr. Dickman of the status of Artesian Farms, Inc. in accordance with the Site Priority Ranking Rule, Chapter 17-771, Florida Administrative Code (F.A.C.). The site was assigned a rank of 3,438 out of 9,224 based on a score of 31. This ranking was relatively low and funding assistance was not made available at that time. The site was assigned a DER Facility Number of 298837773. This facility had also been previously assigned Facility ID # 298624890 for the same discharge.

On December 11, 1992, Enviro-Audit & Compliance, Inc. submitted a Tank Closure Assessment report to Mr. Glenn Dickman of Artesian Farms, Inc. and to the FDER in Tallahassee, Florida. The report described the results of soil gas analyses with an organic vapor analyzer. The OVA measurements in the unsaturated zone ranged from 3 to 58 parts per million (ppm). The water table was encountered at approximately 4.0 ft below land surface. The 2,000 gallon steel tank

was found to be in good condition with no corrosion or punctures noted. The tank was subsequently removed. Excavated soil was returned as fill.

On November 30, 2000, the Departmental of Environmental Protection issued notification to Mr. Dickman of the eligibility of the site for State funding assistance. The site was assigned a priority score of 41. Mr. Dickman submitted the Contractor Designation Form designating HSA Engineers & Scientists as the contractor, on February 2, 2001. On March 9, 2001, the Hillsborough County Environmental Protection Commission (EPC) requested a proposal for an Initial Site Assessment from HSA. On April 9, 2001, HSA submitted a proposal to the EPC to conduct Initial Site Assessment Activities at the Artesian Farms, Inc. site. The Petroleum Preapproval Program Work Order was approved by Ms. Nicole Garcia, EPC Site Manager on July 3, 2001. HSA endorsed the work order on July 18, 2001 and submitted it the FDEP, Tallahassee for final approval. The approved work order was received by HSA on August 10, 2001.

3.0 SITE CHARACTERIZATION

3.1 Soil Assessment

The soil assessment consisted of soil gas measurements and confirmation laboratory analysis of samples collected at discrete sampling intervals. This methodology was used for both the former gasoline UST and waste oil AST areas.

3.1.1 Discrete Interval Soil Sampling

Discrete soil sampling was conducted at the site on September 20, 2001. The soil samples were collected to measure the concentrations of volatile hydrocarbon compounds in the soil gases. The intent of this sampling was to determine if soil contamination exists and to attempt to isolate potential source areas. The soil sampling effort was concentrated in the vicinity of the former unleaded gasoline UST that had been previously removed and the vicinity of the former waste-oil tank. The locations of the soil borings are presented in **Figure 2.**

The soil samples were collected at approximately one-foot intervals from 0.5 feet below land surface (ft bls) throughout the unsaturated zone near the water table, which was encountered at approximately 2.5 ft bls. The soil samples were transferred to pre-cleaned 16-ounce mason jars and immediately sealed with aluminum foil. The samples were collected with a stainless steel bucket auger and analyzed onsite by head-space measurements with a Foxboro TVA (Toxic Vapor Analyzer)-1000 equipped with a flame ionization detector (FID) and photoionization detector (PID). The TVA was calibrated onsite, prior to conducting measurements. The calibrations were conducted with two-point concentrations of zero air and methane at 97 parts per million (ppm) to calibrate the FID, and isobutylene at 103 ppm to calibrate the PID. Two

samples were collected at each interval to provide the total and carbon-filtered measurements, the difference of which represented the "net reading."

Two representative sets of soil samples were also collected for confirmation laboratory analyses. One set of samples were collected from the vicinity of the former UST (soil boring SB-1 at 1.5-2.5 ft bls) and analyzed for Volatiles by EPA method 8021, Semi-Volatiles by EPA method 8310, and Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL PRO method. The confirmation samples for the analysis of volatiles were collected with Encore samplers. All other samples were collected and transferred to laboratory–provided containers. The samples were temporarily stored on ice and transported to Progress Environmental Laboratories, Inc (PEL) for analysis. The soil sampling field forms are presented in **Appendix A.**

The other sample set was taken from the immediate vicinity of the former waste oil tank (soil boring SB-6 at 0.0 – 0.5 ft bls) and was analyzed for Priority Pollutant Volatile Organics by EPA Method 8260, Priority Pollutant Extractable Organics by EPA Method 8270, TRPH by the FL PRO Method, and Metals including arsenic, cadmium, chromium, and lead by EPA Method 6010. These soil samples were collected similarly to the samples described above.

3.1.2 Soil Contamination Assessment

The results of soil gas measurements with the OVA FID/PID from the site indicated minor exceedances above a background of 10 ppm. The results of the organic vapor analyzer (OVA/FID and PID) measurements are summarized in **Table 1** and **Figure 3.**

The results of the soil gas measurements conducted in the former UST area exhibited no detections with the FID. PID measurements ranged from 2.6 to 18.0 ppm. The highest concentration of 18.0 ppm was measured in the southeast corner of the former excavation, at soil sample SB-1b collected from the 1.5 - 2.5 ft bls interval. The lowest concentration of 2.6 was collected from the center of the former excavation at soil sample SB-5b collected from the 1.5 - 2.5 ft bls interval.

The results of the measurements of soil gas concentrations from the former waste oil storage tank area exhibited one detection with the FID from soil sample SB-6b (0.5 - 1.5 ft bls) at 2.32 ppm. The highest concentration measured with the PID was 10.5 ppm measured from soil sample SB-6a, which was collected at the 0.0 - 0.5 ft bls interval.

The laboratory analytical results of the confirmation samples collected from soil sample SB-1b, located in the southeast corner of the former UST excavation, exhibited no detections above the laboratory detection limits. The results of the laboratory analyses are presented in **Table 2** and **Figure 3** and the Laboratory Certificates of Analysis and Chain of Custodies are provided in **Appendix B.**

The results of the analysis of the confirmation sample collected in the former waste oil storage area. SB-6a. exhibited a detection of Total Petroleum Hydrocarbons (TPH) at 32,000 mg/Kg. The applicable Soil Cleanup Target Levels (SCTLs) for TPH are 340 mg/Kg for leachability based on groundwater criteria and 2,500 mg/kg for direct exposure industrial. The TPH concentration exceeded the applicable SCTLs.

The confirmation results for soil sample SB-6a also included the detection of metals including lead at 23.8 mg/Kg, arsenic at 3.18 mg/Kg, and chromium at 4.43 mg/kg. The SCTL for lead based on direct exposure industrial, 920 mg/Kg, was not exceeded. The leachability based on groundwater criteria SCTL for lead requires the testing of the sample by the Synthetic Precipitation Leaching Procedure (SPLP). The applicable SCTLs for arsenic, direct exposure industrial (3.7 mg/kg) and leachability (29.0 mg/kg), were not exceeded. The SCTLs for chromium, direct exposure industrial (420 mg/Kg) and leachability based on groundwater criteria (38 mg/Kg). were not exceeded.

3.2 Groundwater Assessment

The groundwater assessment consisted of the installation of two monitor wells, one in each of the former UST and AST areas. Groundwater samples were collected from each monitor well and analyzed for the Kerosene Analytical Group (MW-1) and the Unknown (Waste Oil) Analytical Group (MW-2).

3.2.1 Monitor Well Installation

On August 1, 2001, NESCO, under the supervision of HSA, installed two permanent shallow monitor wells, MW-1 and MW-2. The monitor wells were installed in order to determine if groundwater was contaminated above Maximum Contaminant Levels (MCLs) for the parameters of concern. The monitor wells were constructed of approximately 1.5 ft of 2-inch diameter, schedule 40 PVC casing coupled to 10.0 ft of 2-inch diameter, schedule 40 PVC, 0.01 slot screen. These shallow monitor wells were installed with a hollow stem auger. The locations of these monitor wells are shown on **Figure 2**. Continuous lithologic samples were collected during the installation of the monitor wells. The lithology onsite generally consisted of a yellow brown shelly sand from landsurface to approximately 10.0 ft and a grey fine sand to 12.0 ft bls. The monitor well construction field forms and the lithologic logs are presented in **Appendix C**. Monitor well construction details are presented in **Table 3**.

3.2.2 Groundwater Quality Measurements and Sampling

HSA sampled groundwater from both monitoring wells on September 25, 2001. Prior to collecting groundwater samples, both monitor wells were purged to ensure that representative formation water was subsequently sampled. Depth to groundwater and free product measurements were collected from the monitor wells before purging. The depth to groundwater

Table 2. Summary of Soil Analytical Results

Parameters (units)	Direct Exposure Residential (mg/Kg)	Direct Exposure Industrial (mg/Kg)	Leachability Based on Groundwater Criteria (mg/Kg)	Confirmation Soil Sample Identifications SB-1B (1.5- 2.5 ft bls) (mg/Kg)	SB-6A (0.0 - 0.5 ft bls) mg/Kg)	Trip Blank (mg/L)
Volatiles 8021				ND		NA
8260				NA	ND	ND
Semi-Volatiles				ND		NA
PAH 8310				ND		NA
8270				NA	ND	NA
TPH FL PRO	340	2500	340	ND	32,000	NA
Inorganics-Lead (6010)	400	920	***	ND	23.8	NA
Arsenic (6010)	0.8	3.7	29	NA	3.18	NA
Cadmium (6010)	75	1300	8	NA	ND	NA
Chromium ((6010)	210	420	38	NA	4.43	NA

Notes:

mg/Kg = milligrams per Kilogram
ND = Not Detected
PAH = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons
As = Arsenic
Cd = Cadmium
Cr = Chromium
Pb = Lead
NA = Not Analyzed
ft bls = feet below land surface
*** = Leachability values may be derived using the SPLP Test to calculate site-specific SCTLs
SPLP = Synthetic Precipitation Leaching Procedure

Table 3. Summary of Monitor Well Construction Details

MW ID	Date Installed	Well Depth (ft bls)	Well Diameter (in)	Screen Interval (ft bls)	Surface Elevation (ft NGVD)	TOC Elevation (ft NGVD)	Installed by
MW-1	9/20/01	11.5	2.00	3-8	NM	NM	HSA
MW-2	9/20/01	11.5	2.00	3-8	NM	NM	HSA

Notes:
MW = Monitor Well Identification
TOC = Top of Casing
ft = feet
NGVD = National Geodetic Vertical Datum, 1929
HSA = HSA Engineers & Scientists

Table 4. Summary of Groundwater Quality Parameters

MW ID	Date Sampled	DO (mg/L)	pH	Temp C	Sp. Cond. uS/cm	Turbidity NTU	ORP mV
MW-1	9/25/01	0.94	6.97	27.3	1040	1.85	-0.58
MW-2	9/25/01	3.08	7.15	29.7	300	0.94	81

Notes: DO = Dissolved Oxygen
Sp Cond = Specific Conductance
uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Units
ORP = Oxidation-Reduction Potential
mg/L = Milligrams per Liter
mV = Millivolts
MW = Monitor Well

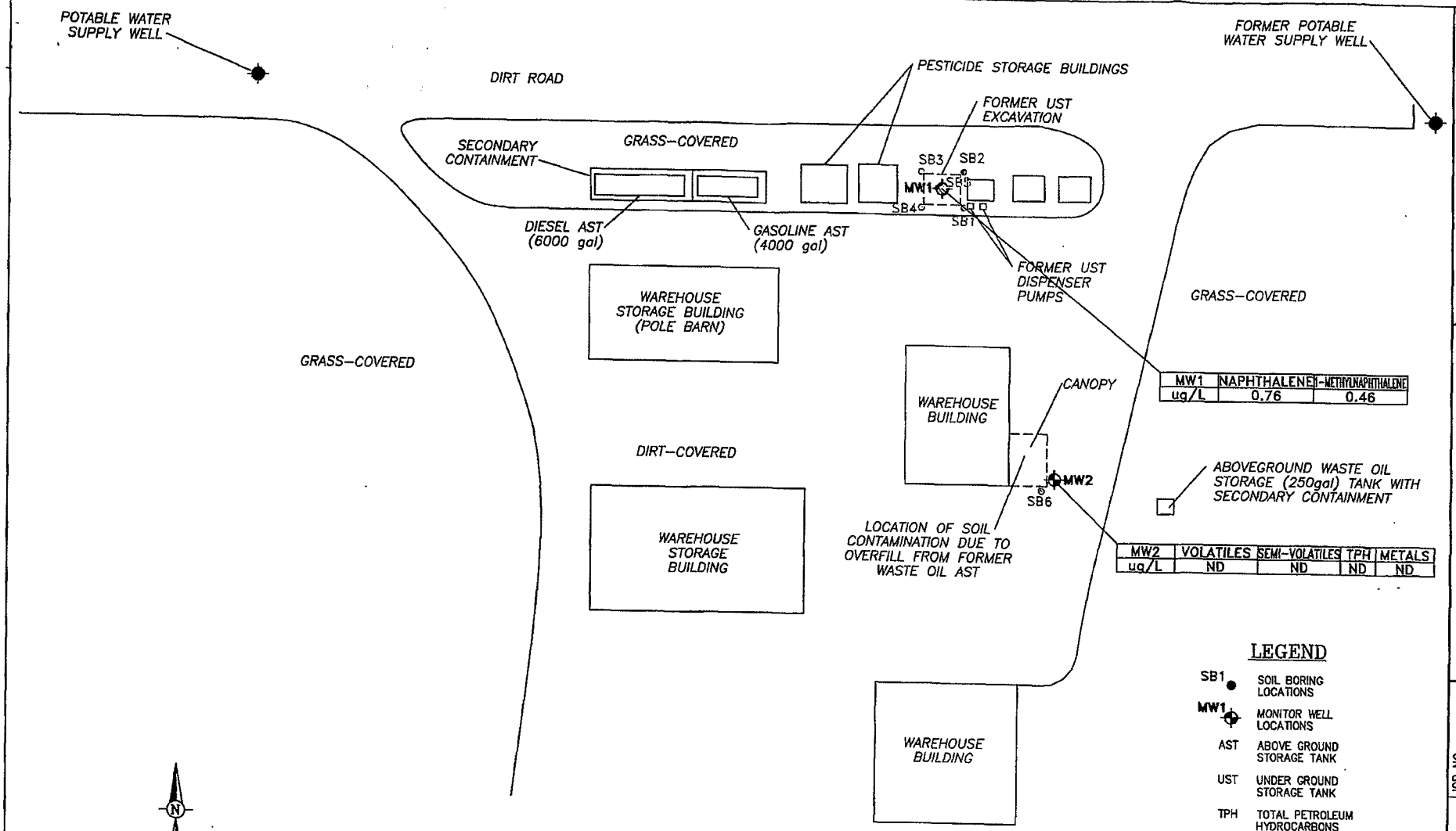
Table 5. Summary of Groundwater Analytical Results

Parameters (units)	Monitor Well Identifications MW-1 (ug/L)	MW-2 (ug/L)	Trip Blank (ug/L)
Volatiles 8021	ND		ND
8260	NA	ND	NA
Semi-Volatiles	ND		NA
EDB 8011	ND		NA
PAH 8310			NA
1-Methylnaphthalene	0.46		NA
Naphthalene	0.76		NA
8270	NA	ND	NA
TPH FL PRO	ND	ND	NA
Inorganics-Lead (6010)	ND	ND	NA
As, Cd, & Cr (6010)	NA	ND	NA

Notes:

ug/L = micrograms per Liter
ND = Not Detected
EDB = Ethylene Dibromide
PAH = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons
As = Arsenic
Cd = Cadmium
Cr = Chromium
Pb = Lead
NA = Not Analyzed

FIGURES



MW1	NAPHTHALENE	1-METHYLNAPHTHALENE
ug/L	0.76	0.46

MW2	VOLATILES	SEMI-VOLATILES	TPH	METALS
ug/L	ND	ND	ND	ND

LEGEND

SB1	SOIL BORING LOCATIONS
MW1	MONITOR WELL LOCATIONS
AST	ABOVE GROUND STORAGE TANK
UST	UNDER GROUND STORAGE TANK
TPH	TOTAL PETROLEUM HYDROCARBONS
ND	NOT DETECTED

NOTE:
ug/L – MICROGRAMS PER LITER

ARTESIAN FARMS, Inc.
5356 12th STREET NE
RUSKIN, FLORIDA

HSA ENGINEERS & SCIENTISTS
4019 E. Fowler Avenue Tampa, Florida 33617 Tel: (813) 971-3802

DESIGNED	N/A	JOB NO.:	60055111500
DRAWN	DLW	DATE:	11/13/01
CHECKED	BM	CAD NO.:	511500-04

SHEET TITLE
GROUNDWATER ANALYTICAL RESULTS

FIGURE 4

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EPC/Waste Management Division

EnviroTrac
Environmental Services

COPY

September 13, 2002

Mr. Michael McKelvey
Environmental Protection Commission of Hillsborough County
Waste Management Division, Cleanup Section
1410 North 21st Street
Tampa, FL 33605

LOGGED
9/17/02
8468

Re: Source Removal/Site Assessment Report
Artesian Farms, Inc.
5355 12th Street Northeast
Ruskin, Hillsborough County, Florida
FDEP # 29/8624890

Dear Mr. McKelvey:

On behalf of Artesian Farms, Inc. (Artesian), EnviroTrac Ltd. (EnviroTrac) has performed source removal and subsequent site assessment activities at the above referenced property. This report details the removal of approximately 134.49 tons of petroleum hydrocarbon impacted soil following the permanent closure of a preexisting diesel and gasoline aboveground storage tank system in August of 2002 and the installation and sampling of temporary monitor wells following source removal.

Artesian Farms is seeking expedited closure for localized petroleum hydrocarbon contamination of groundwater detected during AST closure activities in August of 2002. Based on laboratory analytical results, a Discharge Report Form (DRF) was filed with the Environmental Protection Commission of Hillsborough County (HCEPC) on August 23rd, 2002. Ms. Nicole Garcia/HCEPC was notified prior to initiation of source removal and additional site assessment activities.

Site History

On August 21st, 2002, one (1) 6,000-gallon steel AST containing vehicular diesel and one (1) 4,000-gallon steel AST containing unleaded gasoline were removed from the referenced site. A visual inspection of the tanks revealed no obvious signs of leakage. All associated piping and dispensing equipment was removed at this time as well.

On August 19th, 2002, prior to the initiation of AST removal activities, EnviroTrac advanced 12 soil borings in the vicinity of the AST farm and the former dispensers. The borings were advanced to determine if petroleum hydrocarbon contamination of the soil and groundwater associated with the AST farm existed onsite. The borings were installed around the perimeter of the AST foundations, in the locations that EnviroTrac and the HCEPC previously agreed upon. Additional borings (SB-4 through SB-7) were installed in the area of an earlier diesel fuel dispenser and possible underground piping that predated the installation of secondary containment and the current dispenser system. During site assessment activities, groundwater was encountered at approximately four (4) to five (5) feet below land surface (bls). Ms. Christy Jacobs with HCEPC was onsite during soil assessment activities.

The soil borings were installed using stainless steel hand augers. Soil samples were screened continuously at one-foot intervals to one foot below the measured water table (approximately 5 feet bls) using an organic vapor analyzer/flame ionization detector (OVA/FID). No soil staining was noted in the area of the ASTs during soil assessment.

Based on OVA analysis, there were no indications of petroleum hydrocarbon contamination of the soil during tank removal activities with the exception of SB-8 and SB-12. Both borings indicated the presence of organic vapors at approximately 10 parts per million (ppm) at a depth of approximately 3 to 4 feet bls. These borings were installed directly adjacent to the diesel containment area drain valve. SB-8 was installed first. Following completion of the remainder of the borings, SB-12 was installed in the same area as SB-8 for the purpose of collecting a soil sample for laboratory analysis and to allow for the installation of a temporary monitor well.

The soil sample (Artesian SS-1) was collected at sample location SB-12 (9 ppm at 3' BLS) and shipped to Test America Laboratories of Nashville, TN (Test America) for laboratory analysis of volatile aromatic hydrocarbons (VOAs) with MTBE by EPA Method 8021, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8310 and total recoverable petroleum hydrocarbons by FL-PRO. None of the constituents analyzed for were detected above default Soil Cleanup Target Levels (SCTLs) established in Chapter 62-777, F.A.C.

Following completion of soil assessment activities, a temporary monitor well (TMW-1) was installed in the location of SB-12. Groundwater was encountered at approximately five feet bls. A groundwater sample was collected and shipped to Test America for analysis of VOAs/MTBE by EPA Method 8021 and PAHs by EPA Method 8310.

Petroleum products' contaminants of concern were detected above selected default Groundwater and Surface Water Cleanup Target Levels (GCTLs) established in Chapter 62-777, F.A.C. in the groundwater sample submitted for laboratory analyses. Petroleum hydrocarbon compounds detected at levels above GCTLs included Benzene at 1.10 µg/L, Naphthalene at 229 and 275 µg/L, 1-Methylnaphthalene at 284 µg/L and 2-Methylnaphthalene at 388 µg/L. The complete storage tank closure report detailing the events listed above is included as an attachment.

Source Removal

On August 26th, 2002, source removal activities were initiated in the area of borings SB-8/SB-12 at the western end of the former AST farm. Approximately 134.49 tons of petroleum hydrocarbon impacted soils were removed. Due to the relatively slow recharge rate of groundwater, it was possible to over excavate and remove soil to a depth of approximately eight (8) to nine (9) feet bls. Soil was field screened with an OVA and over excavated on all sides and from the bottom of the excavation. The approximate areal extent of the excavation is detailed in Figure 1.

Soil was placed on visqueen, covered and stockpiled onsite prior to disposal by Clark Environmental, Inc. of Mulberry, FL on August 30th, 2002. Soil disposal manifests and additional analytical data for waste disposal characterization are included as attachments. The excavation was allowed to remain open following source removal activities to allow for the possible volatilization of any remaining dissolved phase petroleum constituents.

Additional Site Assessment

On August 30th, 2002, four (4) temporary monitor wells, TW-1 through TW-4, were advanced by hand in and around the perimeter of the excavation. TWs-1 through 4 were screened bridging the water table using 5 feet of 2", SCH 40, 0.010" machine slotted PVC well screen flush threaded to 5 feet of 2", SCH 40, solid PVC casing. Groundwater was encountered at approximately five feet bls.

Previous site assessment activities conducted by HSA Engineers and Scientists of Tampa, FL, under FDEP's Petroleum Preapproval Program, were unable to establish a hydraulic gradient across the subject site. However, groundwater flow direction in the immediate area of the tank farm is believed to be to the north/northwest towards a surface drainage ditch. This drainage ditch runs east/west immediately north of the former AST farm and immediately south of an unpaved service road that borders the farm to the north.

TW-1, TW-3 and TW-4 were installed around the area of the excavation to ensure the assessment of upgradient and downgradient areas relative to the source area. TW-2 was installed in close proximity to the former location of TMW-1. TMW-1 had previously been installed, sampled and removed on August 19th, 2002. Temporary well locations from the August 30, 2002, event are indicated on Figure 2.

The temporary monitor wells were sampled and the groundwater samples collected using dedicated disposable bailers. The groundwater samples were logged on a chain of custody, placed on ice and shipped to Test America for analysis by EPA Method 8021 (VOAs and MTBE) and EPA Method 8310 (PAHs).

Laboratory analytical results indicated that petroleum products' contaminants of concern were not detected above selected default Groundwater and Surface Water Cleanup Target Levels (GCTLs) established in Chapter 62-777, F.A.C. in any of the groundwater samples submitted for laboratory analyses. The complete laboratory report, including the chain of custody, analytical results, and quality control data is included as an attachment.

Summary and Conclusion

Laboratory analysis of a soil sample collected on August 19th, 2002 does not indicate the presence of petroleum products' contaminants of concern above default Soil Cleanup Target Levels (SCTLs) established in Chapter 62-777, F.A.C. associated with the former AST farm.

Source removal activities initiated on August 26th, 2002 resulted in the removal approximately 134.49 tons of petroleum hydrocarbon impacted soils from the western end of the former AST farm. The majority of the soils removed were taken from approximately four to nine feet bls. The bulk of this material was taken from below the current groundwater table and is believed to be representative of a smear zone established by seasonal groundwater fluctuations. The excavation was allowed to remain open following source removal activities to allow for the possible volatilization of any remaining dissolved phase petroleum constituents.

Previous groundwater analytical results from August 19th, 2002 indicated the presence of Benzene above its respective GCTL (1 µg/L) in monitoring well TMW-1 (1.1 µg/L). Naphthalene (229 and 275 µg/L), 1-Methylnaphthalene (284 µg/L) and 2-Methylnaphthalene (388 µg/L) were also detected above their respective GCTLs in TMW-1. The Naphthalene and Methylnaphthalene concentrations reported were also above Natural Attenuation Default Concentrations (NADC).

The most recent groundwater analytical results (August 30th, 2002) do not indicate the presence of petroleum products' contaminants of concern above selected default Groundwater and Surface Water Cleanup Target Levels (GCTLs) established in Chapter 62-777, F.A.C. in any of the groundwater samples submitted for laboratory analyses, including TW-2. TW-2 was installed in the same area as TMW-1 (August 19, 2002).

As of the most recent groundwater sampling event, it appears that petroleum products' contaminants of concern associated with the former AST farm are no longer present onsite at levels above GCTLs. EnviroTrac, on behalf of Artesian Farms, requests that the August 23rd, 2002 DRF be granted no further action status.

Please feel free to contact us at (813) 626-8443 or *johnf@envirotrac.com* if you have any questions or require additional information.

Sincerely,
EnviroTrac Ltd.

John H. Ferrill, P.G.
Project Manager

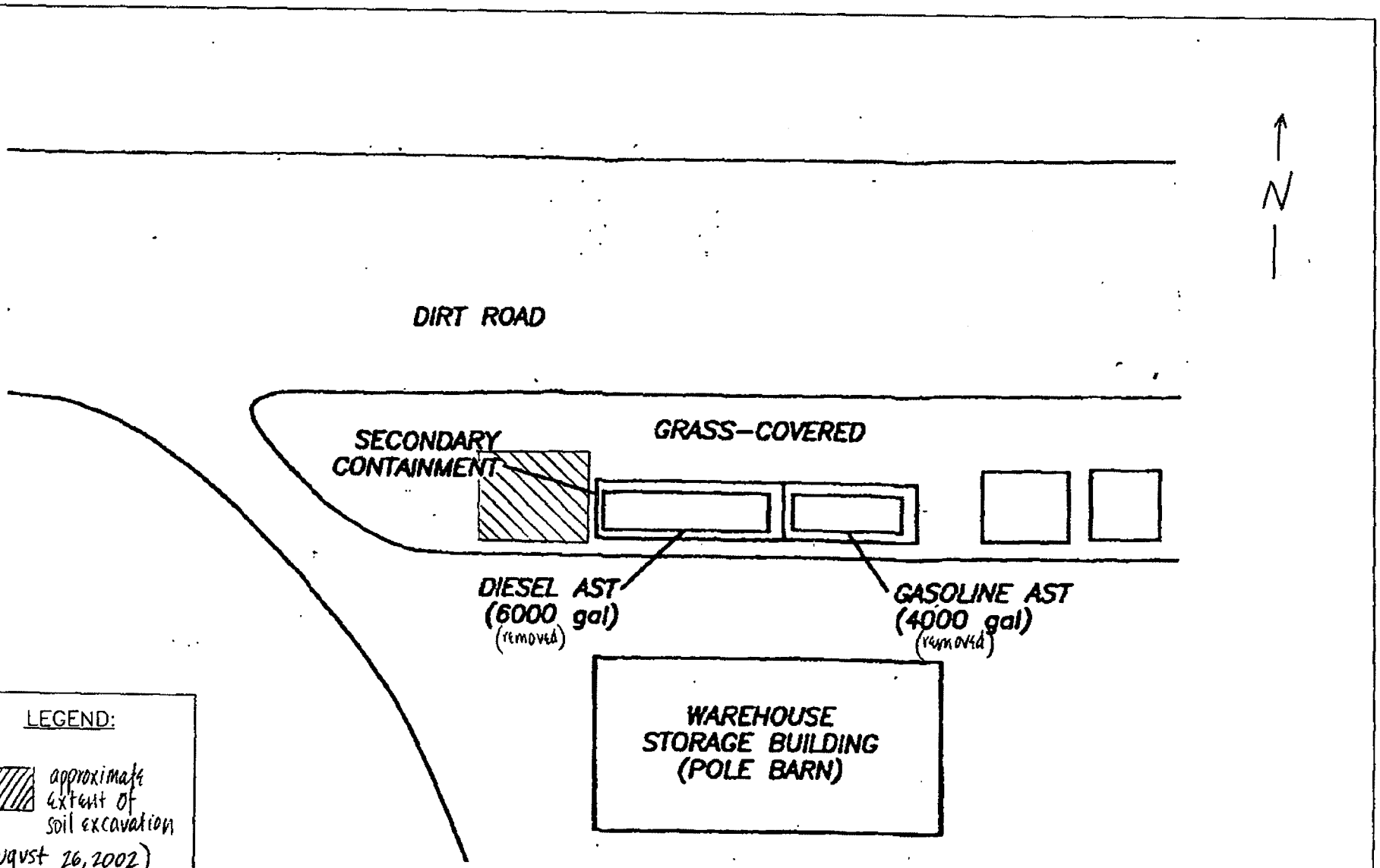
Attachments:
- Site Maps
- Soil Disposal Manifests
- Laboratory Analytical Results
- AST Closure Report (August 26, 2002)

cc: John Tipton, Artesian Farms, Inc.

EnviroTrac

Figures

EnviroTrac



LEGEND:

approximate extent of soil excavation (August 26, 2002)

GRAPHIC SCALE (IN FEET)

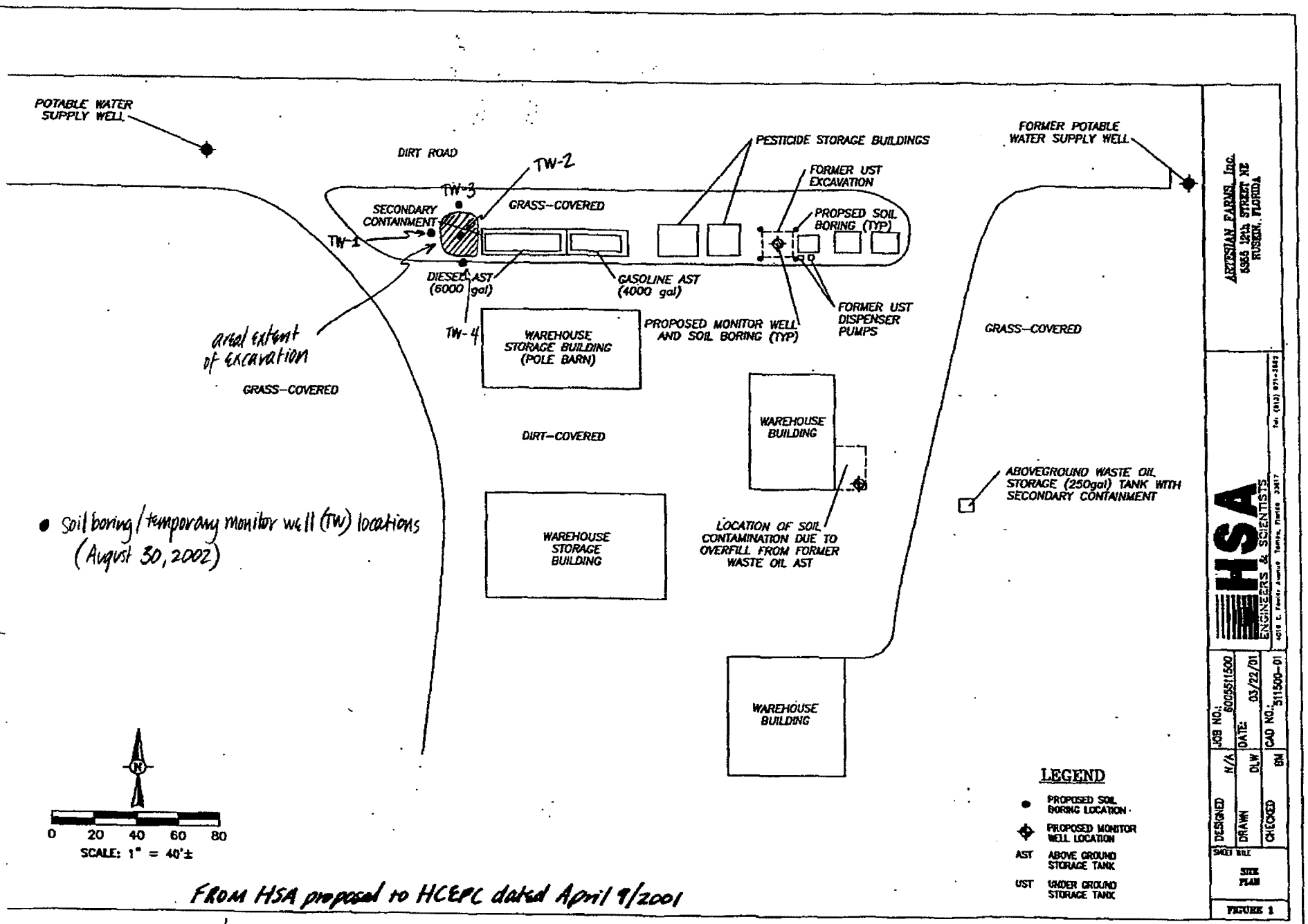
FIGURE # 1

SOIL EXCAVATION MAP

REVISED BY: W.H. AUGUST 26, 2002 | APPROX. SCALE" 1" = | DRAWN BY: ET AUGUST 26, 2002

ARTESIAN FARMS, INC.
5355 12TH STREET NE
RUSKIN, HILLSBOROUGH COUNTY, FLORIDA
FACID#: 298837773

EnviroTrac



FROM HSA proposal to HCEPC dated April 9/2001

GRAPHIC SCALE (IN FEET)

FIGURE # 2

Temporary Monitor Well Location Map

REVISED BY: W.H. AUGUST 26, 2002 | APPROX. SCALE 1" = | DRAWN BY: ET AUGUST 26, 2002

ARTESIAN FARMS, INC.
5355 12TH STREET NE
RUSKIN, HILLSBOROUGH COUNTY, FLORIDA
FACID#: 29662480

EnviroTrac

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JUN 0 3 2002

EPC/Waste Management Division

LIMITED SCOPE
REMEDIAL ACTION REPORT
ARTESIAN FARMS, INC.
5355 NE 12TH STREET
RUSKIN, FLORIDA-
HILLSBOROUGH COUNTY
May 2002

LIMITED SCOPE REMEDIAL ACTION REPORT
ARTESIAN FARMS, INC.
5355 NE 12TH STREET
RUSKIN, FLORIDA-
HILLSBOROUGH COUNTY

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EPC/Waste Management Division

Prepared for:

Hillsborough County Environmental Protection Commission
Waste Management Division
HCEPC Program Site Manager: Nicole D. Garcia
1900 9th Avenue
Tampa, Florida 33605
Hillsborough County

Prepared by

HSA Engineers & Scientists
4019 East Fowler Ave.
Tampa, Florida 33617

HSA Project Manager: W.C. Hutchings, M.S., P.G.
HSA Project No. 60-05-5515-00
FAC ID# ~~298837773~~ 298624890

May 30, 2002

William C. Hutchings, M.S., P.G.
Professional Geologist
Florida License PG0002120

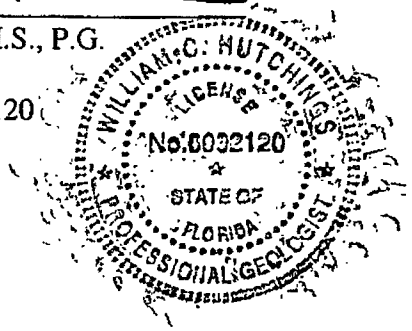

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TABLE 1 Summary of Soil Analytical Results

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FIGURE 2 Soil and Groundwater Sampling Plan

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APPENDIX A Soil Sampling Field Forms
APPENDIX B Soil Laboratory Analytical Reports
APPENDIX C Non-Hazardous Waste Manifest
APPENDIX D SWFWMD Well Grouting/Abandonment Form

1.0 INTRODUCTION

HSA is pleased to present this Limited Scope Remedial Action Report (LSRAR) describing activities conducted at the above-referenced facility, Artesian Farms, Inc, located at 5355 12th Street NE, Ruskin, Hillsborough County, Florida (**Figure 1**). Pre-Approval Work Order #2002-29-1513-0 was issued by the Florida Department of Environmental Protection (FDEP), on March 22, 2002, following approval of the Limited Scope Remedial Action Plan by the Hillsborough County Environmental Protection Commission (HCEPC). The LSRAP was based on the conclusions and recommendations of the Initial Site Assessment Report, dated November 26, 2001, prepared by HSA. Soil sample SB6a, collected between land surface and 0.5 ft bls, during the Initial Site Assessment exhibited concentrations of Total Petroleum Hydrocarbons (TPH) at 32,000 milligrams per Kilogram (mg/Kg), arsenic at 3.18 mg/Kg, chromium at 4.43 mg/Kg, and lead at 23.8 mg/Kg. The TPH concentration exceeded the residential exposure and leachability based Soil Cleanup Target Levels (SCTLs). None of the metal concentrations exceeded SCTLs for direct industrial exposure or leachability. The following report describes the tasks conducted, in accordance with the LSRAP.

1.1 Scope of Work

The proposed scope of work, in accordance with the LSRAP included:

1. Excavation of Contaminated Soil
2. Confirmation Soil Sampling
3. Backfilling of Excavation
4. IDW Disposal
5. Monitor Well Abandonment
6. Reporting

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site and Vicinity Description

Artesian Farms, Inc. is an active agricultural farm located east of the intersection of US 41 and 12th Street Northeast. The site is located in Section 33, Township 31 South, and Range 20 East of the United States Geological Survey (USGS) Ruskin Quadrangle, Florida-Hillsborough County, 7.5 Minute Series Topographic Map. The coordinates of the site are longitude 82 degrees, 25 minutes West and latitude 27 degrees 45 minutes, 17 seconds North. The general area of the site has an approximate elevation of 9 ft, National Geodetic Vertical Datum (NGVD), 1929.

The site consists of several warehouse buildings used for maintenance and storage as shown in **Figure 2**. In addition, several smaller storage buildings exist along the road providing access to

the site. Currently, two Aboveground Storage Tanks (ASTs) exist on-site for storing fuel. One is 4,000-gallons and the other is 6,000-gallons containing diesel and gasoline fuels, respectively. A 250-gallon waste oil AST is located on the west side of the facility. The former fuel Underground Storage Tank (UST) area, which was sampled for this assessment, is located between the pesticide storage buildings to the west and miscellaneous storage buildings to the east. The area of soil contamination associated with the former waste oil AST, which was also sampled for the assessment, is located under a canopy adjacent to a warehouse on the east side of the facility.

A former potable water supply well is located approximately 210 ft east of the former UST area and an existing potable water supply well is located approximately 300 ft west of the former UST area.

2.2 Site History

On December 5, 1988, Mr. Glenn Dickman of Artesian Farms, Inc. submitted an Early Detection Incentive (EDI) Program application to the Florida Department of Environmental Regulation (FDER) for the discharge of unleaded gasoline from an UST system, based on the manual test of a monitoring well(s). On November 21, 1989, A UST Program Inspection was conducted by the FDER. This inspection documented the presence of a petroleum product odor in monitor well MW-1, a compliance well located on the southeast corner of the UST. Soil staining was also documented near the waste oil AST located on the southeast part of the property occupied by the support facilities.

On November 5, 1992, the FDER notified Mr. Dickman of the status of Artesian Farms, Inc. in accordance with the Site Priority Ranking Rule, Chapter 17-771, Florida Administrative Code (F.A.C.). The site was assigned a rank of 3,438 out of 9,224 based on a score of 31. This ranking was relatively low and funding assistance was not made available at that time. The site was assigned a DER Facility Number of 298837773. This facility had also been previously assigned Facility ID # 298624890 for the same discharge.

On December 11, 1992, Enviro-Audit & Compliance, Inc. submitted a Tank Closure Assessment report to Mr. Glenn Dickman of Artesian Farms, Inc. and to the FDER in Tallahassee, Florida. The report described the results of soil gas analyses with an organic vapor analyzer. The OVA measurements in the unsaturated zone ranged from 3 to 58 parts per million (ppm). The water table was encountered at approximately 4.0 ft below land surface. The 2,000 gallon steel tank was found to be in good condition with no corrosion or punctures noted. The tank was subsequently removed. Excavated soil was returned as fill.

On November 30, 2000, the Departmental of Environmental Protection issued notification to Mr. Dickman of the eligibility of the site for State funding assistance. The site was assigned a priority score of 41. Mr. Dickman submitted the Contractor Designation Form designating HSA

manifest and ensure the proper removal of the soil from the site. The Non-Hazardous Waste Manifest is provided in **Appendix C**.

3.5 Monitor Well Abandonment

During the period that the LSRAP excavation was taking place on April 26, 2002, representatives from HSA properly abandoned the two existing monitor wells, MW-1 and MW-2 (**Figure 2**). The monitor wells were abandoned according to the specifications of the Southwest Florida Water Management District. An inspector from the SWFWMD was present on site during the abandonment of the monitor wells. The monitor wells were abandoned by the retraction grouting method with the use of a tremmie pipe. The entire well screen and casing were grouted with a grout mix consisting of Type I Portland cement and water. In addition, the monitor well pads and manholes were removed and properly disposed of. The monitor well abandonment permit and the SWFWMD Well Grouting/Abandonment Form are provided in **Appendix D**.

3.6 Soil Analytical Results

The confirmation soil samples exhibited the following results, presented in **Table 1** and **Figure 2**. TPH concentrations for the samples collected from the walls of the excavation (SS-1 through SS-4) were all below the laboratory detection limit of 16 or 17 milligrams per Kilogram (mg/Kg). The TPH concentration for the sample collected from the bottom of the excavation was 26 mg/Kg. The Soil Cleanup Target Level for TRPH, considering residential exposure and leachability is 340 mg/Kg and the industrial exposure SCTL is 2,500 mg/kg, indicating that no SCTL was exceeded. The metals analyses exhibited detections of arsenic, cadmium, chromium, and lead. The detections in the soil samples included the following: SS-1, chromium at 0.83 mg/Kg and lead at 0.557 mg/Kg; SS-2, chromium at 1.09 mg/Kg and lead at 1.71 mg/Kg; SS-3, arsenic at 0.83 mg/Kg, chromium at 1.73 mg/Kg, and lead at 0.838 mg/Kg; SS-4, chromium at 0.974 mg/Kg and lead at 1.06 mg/Kg; and SS-5, arsenic at 3.98 mg/kg, cadmium at 0.1 mg/Kg, chromium at 6.97 mg/Kg, and lead at 1.03 mg/kg. The only SCTLs exceeded were those for arsenic including direct exposure residential (0.8 mg/Kg) and industrial (3.7 mg/kg) for soil sample SS-5, which was collected from the bottom of the excavation. Since this is an industrial facility, the industrial exposure SCTL is applicable. Although the industrial exposure SCTL was slightly exceeded, the potential for exposure to the soil is non-existent, since the excavation was extended to a depth of 4.0 ft bls. In addition, the leachability SCTL for arsenic is 29, which is much greater than the concentration detected. Monitor well MW-2, located immediately adjacent to the excavation, exhibited no detections during the sampling conducted during the Initial Site Assessment confirming that leaching of arsenic is not occurring. These results and conclusions were discussed with Ms. Nicole D. Garcia, FDEP Site Manager, prior to back-filling the excavation. Since TPH concentrations did not exceed the SCTLs and the arsenic concentration only slightly exceeded the Industrial exposure SCTL, HSA recommends "No Further Action", and regulatory authorization of a Site Rehabilitation Completion Order.

4.0 QUALITY ASSURANCE/QUALITY CONTROL

4.1 Soil Quality Assurance/Quality Control

All soil sampling was performed in accordance with HSA's FDEP-approved Comprehensive Quality Assurance Plan (CompQAP; No. 920072G). Sampling equipment was decontaminated with an Alconox detergent-water wash, isopropanol, and deionized water rinses. Quality Assurance/Quality Control (QA/QC) samples collected during each sampling event included a laboratory-supplied trip blank. The samples were analyzed within the required holding times. Target analytes were not detected in trip blanks. This indicated that the samples were handled with adequate avoiding cross contamination. Internal laboratory QA/QC samples were also analyzed and reported for each analytical method utilized; no internal laboratory QA/QC parameters were violated.

5.0 CONCLUSIONS & RECOMMENDATIONS

The proposed waste oil storage area excavation was conducted, in accordance with the Limited Scope Remedial Action Plan. No suspect odors or staining were observed on the walls and bottom of the excavation upon excavating to the design dimensions of 13 x 9 x 4 ft. TPH concentrations did not exceed the SCTLs; however, the arsenic concentration detected in the sample collected from the bottom of the excavation, 3.98 mg/Kg, exceeded the Direct Industrial Exposure SCTL of 3.7 mg/Kg. The leachability SCTL for arsenic, 29 mg/Kg, was also not exceeded. Since the potential for direct exposure to arsenic is currently virtually non-existent and arsenic was not detected in monitor well MW-2 during the Initial Site Assessment, which was located immediately adjacent to the excavation, "No Further Action" is recommended. HSA also recommends regulatory authorization of a Site Rehabilitation Completion Order.

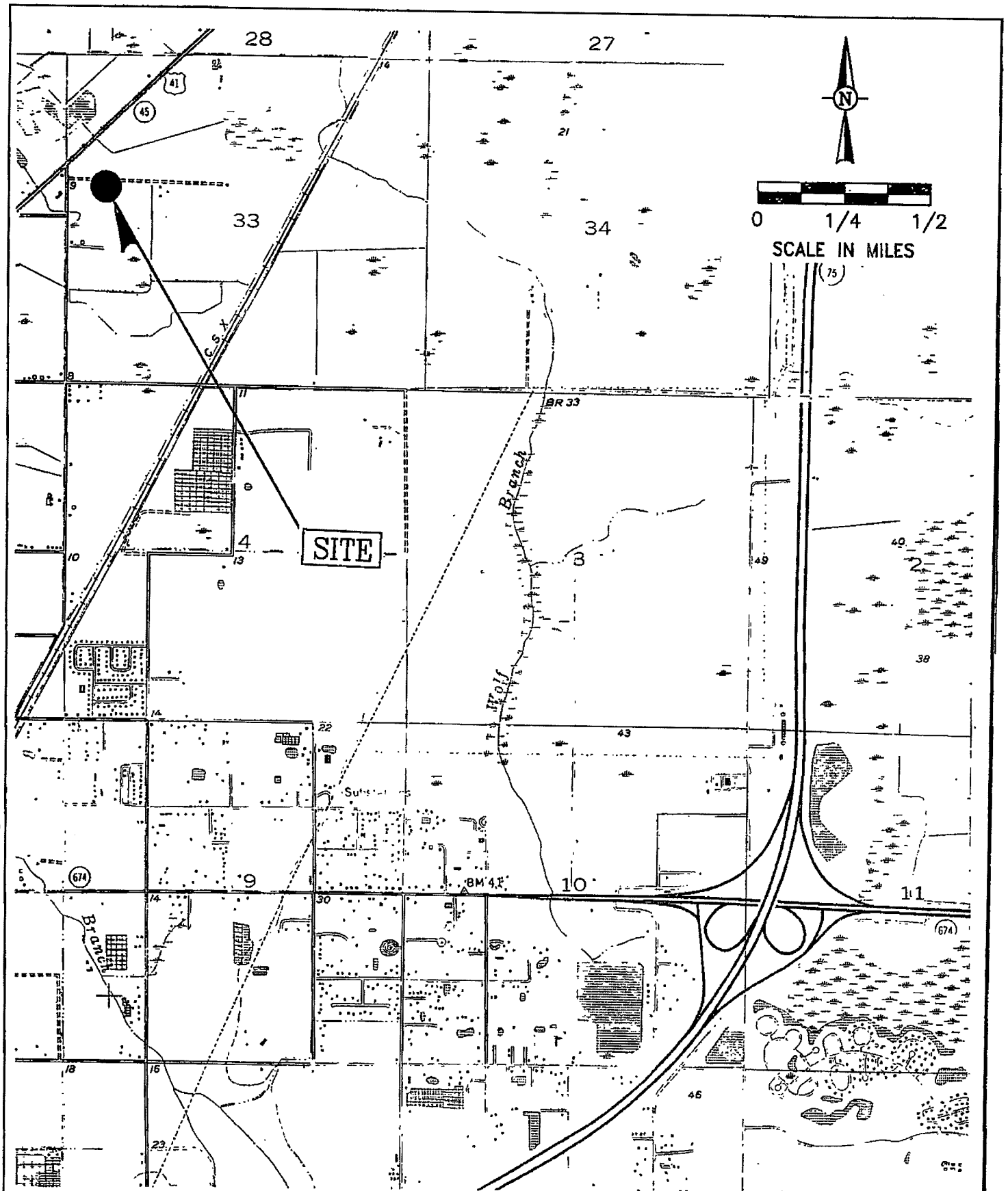
TABLES

Table 1. Summary of Soil Analytical Results

Parameters	Soil Cleanup Target Levels			Confirmation Soil Sample Identifications					IDW Soil Sample Identification	Blank Identification
(units)	Direct Exposure Residential (mg/Kg)	Direct Exposure Industrial (mg/Kg)	Leachability Based on Groundwater Criteria (mg/Kg)	SS-1 (2.0 ft bls) (mg/Kg)	SS-2 (2.0 ft bls) (mg/Kg)	SS-3 (2.0 ft bls) (mg/Kg)	SS-4 (2.0 ft bls) (mg/Kg)	SS-5 (4.0 ft bls) (mg/Kg)	CS-1 (mg/Kg)	Trip Blank (ug/L)
Volatiles EPA Method 8021	N/A	N/A	N/A	NA	NA	NA	NA	NA	ND	ND
TOX EPA Method 9253	N/A	N/A	N/A	NA	NA	NA	NA	NA	370	NA
Semi-Volatiles										
TPH EPA Method FL PRO	340	2500	340	<16.0	<16.0	<17	<16	26	150	NA
PCB EPA Method 8082	N/A	N/A	N/A	NA	NA	NA	NA	NA	<30	NA
Inorganics EPA Method 6010										
Arsenic	0.8	3.7	29	<0.5	<0.5	0.63	<0.5	3.98	1.08	NA
Cadmium	75	1300	8	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	NA
Chromium	210	420	38	0.83	1.09	1.73	0.874	6.97	4.47	NA
Lead	400	920	***	0.557	1.71	0.838	1.06	1.03	3.72	NA
Barium	110	87,000	1,600	NA	NA	NA	NA	NA	6.14	NA
Selenium	390	10,000	5	NA	NA	NA	NA	NA	<0.5	NA
Silver	390	9,100	17	NA	NA	NA	NA	NA	<0.2	NA
Mercury EPA Method 7471	3.4	26	2.1	NA	NA	NA	NA	NA	<0.02	NA

Notes:
N/A = Not Applicable
mg/Kg = milligrams per Kilogram
ND = Not Detected
PAH = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons
As = Arsenic
Cd = Cadmium
Cr = Chromium
Pb = Lead
NA = Not Analyzed
ft bls = feet below land surface
*** = Leachability values may be derived using the SPLP Test to calculate site-specific SCTLs
SPLP = Synthetic Precipitation Leaching Procedure
Ba = Barium
Se = Selenium
Ag = Silver
Hg = Mercury
TOX = Total Organic Halogens

FIGURES



SOURCE: U.S.G.S. RUSKIN, FLA. QUADRANGLE MAP, #27082-F4-TF-024, PHOTOREVISED 1987

JOB NO.:	6005511500
CAD NO.:	511500-01
DATE:	11/13/01

HSA
ENGINEERS & SCIENTISTS
4019 E. Fowler Avenue Tampa, Florida 33617 Tel: (813) 971-3882

ARTESIAN FARMS, Inc.
5355 12th STREET NE
RUSKIN, FLORIDA

SHEET TITLE
USGS QUADRANGLE MAP

FIGURE 1

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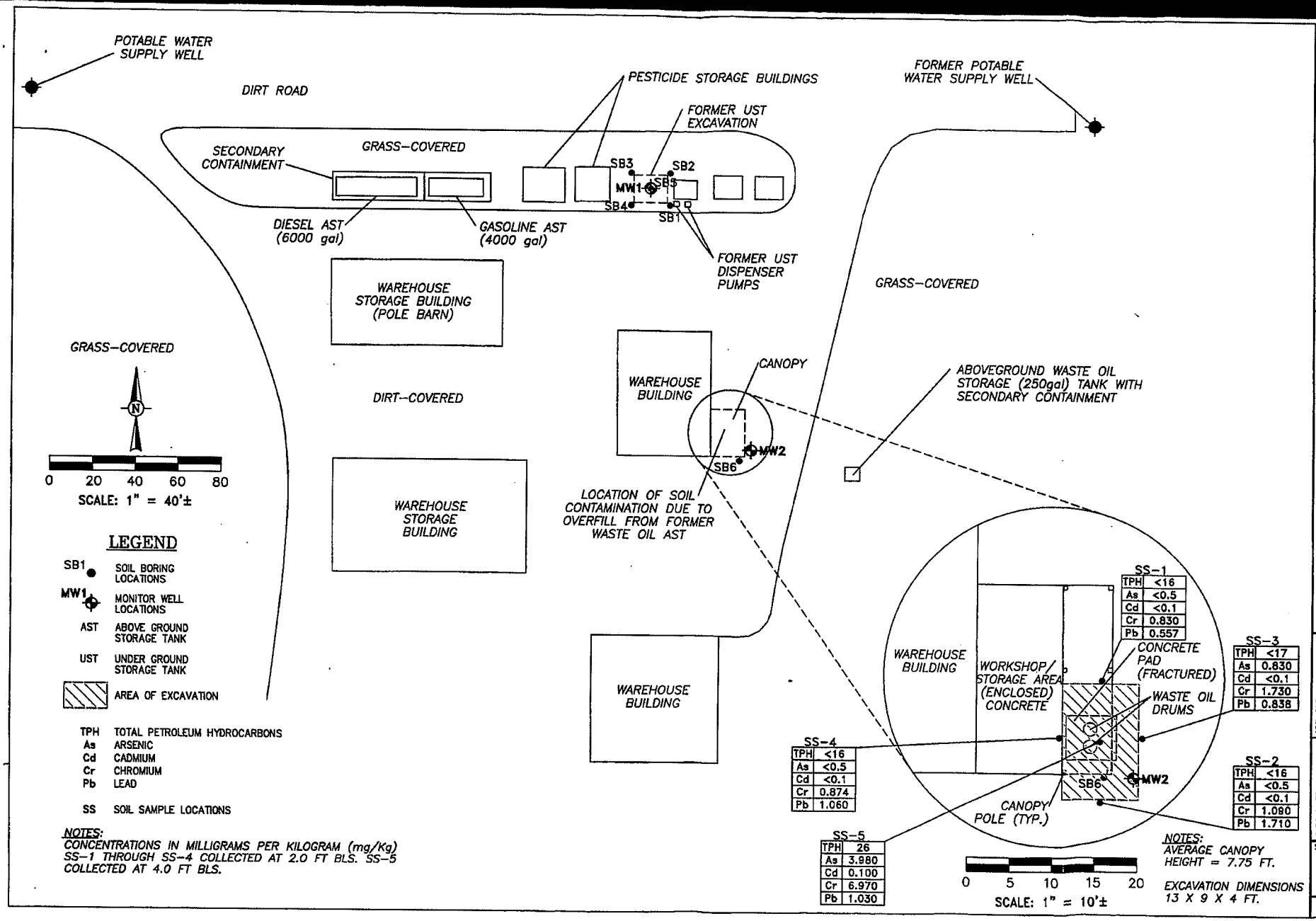

ARTESIAN FARMS, Inc.
5365 12th STREET NE
RUSKIN, FLORIDA

HSA ENGINEERS & SCIENTISTS
4019 E. Fowler Avenue Tampa, Florida 33617 Tel: (813) 971-3582

JOB NO.: 6005511500
DATE: 05/29/02
CAD NO.: 511500-02
DESIGNED N/A
DRAWN DLW
CHECKED BM

SHEET TITLE
SOIL AND GROUNDWATER SAMPLING PLAN

FIGURE 2

294804

Department of Environmental Regulation
EARLY DETECTION INCENTIVE PROGRAM
NOTIFICATION APPLICATION

RECEIVED
DEC 7 1988
BUREAU OF WASTE CLEANUP
Office Plaza

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

PLEASE PRINT OR TYPE
Put "X" where answer is unknown.

1. Business/Site Name: ARTESIAN FARMS INC. - BARN
   Business/Site Operator: ARTESIAN FARMS INC.
   Business/Site Owner: ARTESIAN FARMS Property Owner: ARTESIAN FARMS
   Business/Site Address: OFF US 41
   Telephone Number: 813-645-3211 (Business) _____ (Home) County: Hillsborough
   Mailing Address: P.O BOX 128 RUSKIN FLORIDA 33570

2. Date of discovery: OCT 26 1988 (month/day/year)

3. Have you previously reported this discharge to DER? ☒ No ☐ Yes _____
   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. NFPA 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: UNKNOWN

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
   Piping: B. Split; C. Loose Connection; D. Other _____
   Tank: G. Split; H. Corrosion; I. Puncture
   J. Installation failure; P. Overfill; Q. Accident; R. Other _____

8. If a tank is leaking, circle the choices which describe the type
   A. Aboveground; B. Factory welded; C. Field erected; D. Underground
   E. Bare or asphalt-coated steel; F. Fiberglass-clad steel; G. Fiberglass; H. Sacrificial anode type
   I. Impressed current type; J. Double walled; K. Abandoned or out of service; M. 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
   K. Kerosene; L. Used oil; M. General diesel
   Y. Other _____ (explain)
   Z. Unknown _____ (explain)

10. DER Facility Number 298624890 298837993-0043514-080388-001789

11. DER Tank Number 01 Tank

12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE AND COMPLETE.

Steve L. McLemore Sec/Treas
Signature of Person Completing Form Title

12/5/88
Date

DER Form 17-70.001(1) October 10, 1986

FACTS ABOUT THE EDI PROGRAM

1. PURPOSE OF THIS APPLICATION

This application form is intended for notification of the Florida Department of Environmental Regulation (DER) by owners or operators of underground petroleum product storage facilities where leakage or possible groundwater contamination is either occurring or is suspected at the tank sites.

To encourage the early detection of contamination and facilitate clean-up of such sites, a simple voluntary reporting procedure, known as the Early Detection Incentive Program (EDI), has been established.

2. WHAT IS THE EDI AND HOW DOES IT WORK?

On July 1, 1986, the State Underground Petroleum Environmental Response Act of 1986, which includes the framework for the new EDI Program became law in Florida. This new law provides a mechanism for waiver of cost liability to the tank owner and operator, provided that any known or suspected tank leakage or site contamination information reported on this form is filed with and received by the DER during the 27-month grace period beginning on July 1, 1986, and ending on October 1, 1988.

3. WHO SHOULD FILE THIS APPLICATION?

Any tank owner who is interested in participating in the EDI Program should complete this form within the prescribed grace period (July 1, 1986 to October 1, 1988) and send to:

EDI Coordinator, Bureau of Restoration
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

4. WHAT HAPPENS AFTER THE APPLICATION IS FILED?

DER will review your application and may schedule an inspection of the site to determine eligibility for the EDI program. DER will send you a written decision upon completion of their review.

5. EMERGENCY OR HAZARDOUS CONDITIONS

If emergency or hazardous conditions exist at your site, IMMEDIATELY contact DER. Delays could allow serious damage and contamination.

6. Questions concerning the EDI program can be directed to the DER HOTLINE at:

1-800-422-LEAK

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

November 1, 1990

Mr. Glen Dickman
P.O. Box 128
Ruskin, Florida 33570

RE: ARTESIAN FARMS, INC.
12TH STREET N.E. & U.S. 41
RUSKIN, FLORIDA

29-4804

Dear Mr. Dickman:

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, 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

Recycled Paper

The DER Facility Number for this site is 298624890. 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,

John M. Ruddell

John M. Ruddell, Chief
Bureau of Waste Cleanup

JMR:drr

cc: Hooshang Boostani, EPC
Mary McAuliffe, DER-Tampa
DER File #29-4804