

**Level I Update  
Hazardous Material Investigation  
SR 39 from I-4 (SR 400) at  
Alexander Street to U.S. 301  
Pasco and Hillsborough Counties, Florida**

Financial Project Number 255099-1  
State Project Number 102001-1508  
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*Prepared for*

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## Acronyms and Initialisms

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AST	aboveground storage tank
bls	below land surface
BTEX	total of benzene, toluene, ethylbenzene, and xylene
CAR	contamination assessment report
EDI	Early Detection Incentive Program
EDR	Environmental Data Resources, Inc.
EPCHC	Environmental Protection Commission of Hillsborough County
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
GAG	Gasoline Analytical Group
GPR	ground penetrating radar
HDR	HDR Engineering, Inc.
IRA	initial remedial action
KAG	Kerosene Analytical Group
LQG	large quantity generator
µg/L	micrograms per liter
MOP	monitoring only plan
MTBE	methyl tert-butyl ether
OHM	OHM Remediation Services Corp.
OVA	organic vapor analyzer
OVA-FID	organic vapor analyzer equipped with a flame ionization detector
RAP	remedial action plan
RCRA	Resource Conservation and Recovery Act
ROW	right-of-way
SQG	small quantity generator
SWFWMD	Southwest Florida Water Management District
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
UST	underground storage tank

## Executive Summary

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OHM Remediation Services Corp. was retained by the Florida Department of Transportation (FDOT), District VII, to conduct a Level I environmental site assessment update along SR 39 from the Interstate 4 (I-4) Alexander Street exit to U.S. 301, Hillsborough and Pasco Counties, Florida. The scope of services for this project included a Level I update of properties along the proposed alignment.

In general, SR 39 from I-4 to U.S. 301 is a two-lane road connecting Plant City in Hillsborough County with Zephyrhills in Pasco County and is situated in a low-density rural area. Land uses in the study area include agricultural, light to medium industrial, and residential. Residences, including several mobile homes, are located along SR 39, and vacant lots were observed. Small volumes of debris, such as paper, bottles, and cans, were observed along the corridor. Power poles, overhead electrical lines, and drainage ditches were observed all along the corridor.

According to the FDOT plans, the proposed route of SR 39 would involve acquisition of additional right-of-way on the west side of SR 39. Proposed improvements include upgrading the existing two-lane configuration to a four-lane divided highway. Several structures along the corridor would be involved in the right-of-way acquisition. These structures include several business and service stations.

Twenty-six sites were evaluated. Of the twenty-six sites, six received "None" or "Low" risk ratings, thirteen received "Medium" risk ratings, and seven received "High" risk ratings.

The following sites scored "None" or "Low" risk evaluation ratings; therefore, further environmental assessment is not recommended for these parcels:

- Site 5. AmeriSteel
- Site 9. Southern Stake Supply
- Site 14. Pautronics
- Site 22. Old Road Bed
- Site 24. AmeriGas
- Site 26. Cross Environmental Services, Inc.

Because of observed conditions during the site inspections and/or information obtained from regulatory personnel and file searches, the following sites scored a "High" or "Medium" risk evaluation rating, and further environmental assessment is recommended:

- Site 1. Texaco Gas Station Number 24-203-1328
- Site 2. Sunshine Food Store
- Site 3. Country Village Power Equipment
- Site 4. Texaco Gas Station Number 24-203-1313
- Site 6. Terra Asgrow Florida
- Site 7. Vacant/Old Gas Station
- Site 8. Presco Food Store
- Site 10. Stonerock Auto Salvage
- Site 11. Uncle Ned's BBQ Restaurant
- Site 12. Glen's Bar
- Site 13. Circle K
- Site 15. Dump Site
- Site 16. Alan Chenkin Equipment
- Site 17. Cumberland Farms
- Sites 18 and 19. Auto Repair Shop/Sure Thing Auto Repair Shop
- Site 20. United 500 Gas Station
- Site 21. Betty's Gas Station
- Site 23. Truck Spills
- Site 25. Carlton Bros., Inc.

# 1. Introduction

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OHM Remediation Services Corp. (OHM) was retained by the Florida Department of Transportation (FDOT), District VII, to conduct a Level I environmental site assessment update along SR 39 from the Interstate 4 (I-4) Alexander Street exit to U.S. 301, Hillsborough and Pasco Counties, Florida. The evaluation of this corridor was first conducted and reported by HDR Engineering, Inc., (HDR) in June 1993. The scope of services for this project included evaluation of the previous risk ratings based on a regulatory file review of information available since the June 1993 report and a reconnaissance of the corridor. Additionally, new sites identified as potentially posing environmental risk to the project were investigated. The site locations are illustrated in **Figure 1.1**.

Previous work in this area consisted of a Level I assessment of the corridor as described in the report entitled *Contamination Screening Evaluation Report for State Road 39 from Interstate 4 at Alexander Street to U.S. 301, Hillsborough and Pasco Counties* (dated June 1993). Regulatory file, land use, and aerial photography information that was provided in the HDR report was used in conjunction with newly acquired information to determine updated risk ratings for the sites.

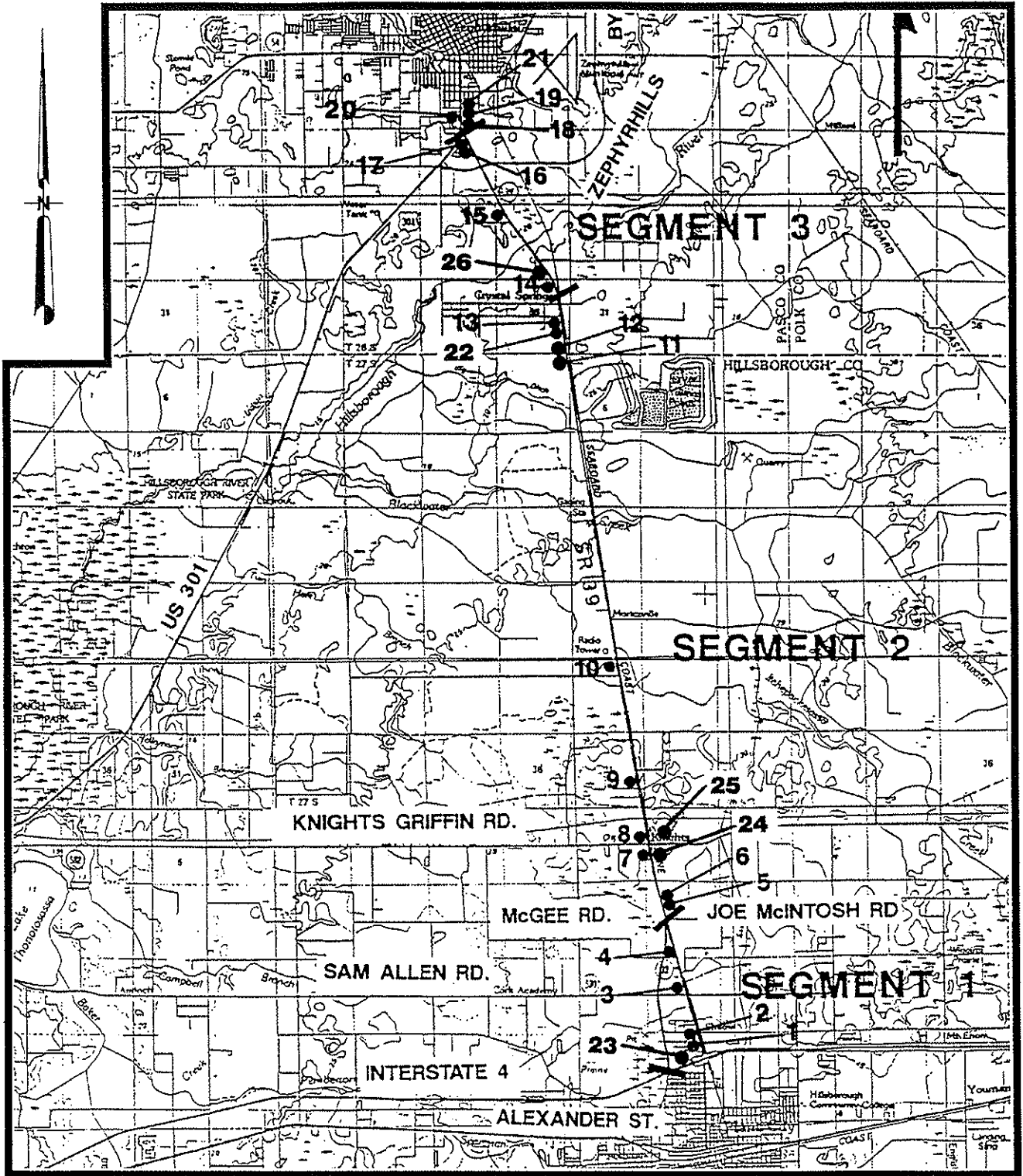
An integral phase of the Level I portion of the project is the petroleum and hazardous materials investigation required in accordance with current legislation for funding and permitting of the proposed roadway and property improvement. This report examines each site with regard to the potential presence of hazardous and/or toxic materials onsite. The investigation was also intended to identify offsite contamination sources that may have an adverse environmental impact on the sites. The level of detail contained herein is adequate for FDOT planning purposes. This report should not be considered all-inclusive with respect to potential contamination due to the varying nature of contamination scenarios in terms of magnitude/type of contamination possible and changes in property conditions following the assessment and prior to implementation of the proposed construction activities.

## 1.1 Scope of Services

As discussed with FDOT and provided in the FDOT-prepared scope of services (**Appendix A**) dated October 6, 1998, OHM was to re-evaluate risk ratings and recommendations made by HDR concerning potential hazardous waste and pollutant problems associated with the proposed corridor. The risk ratings were established in accordance with Part 2, Chapter 22, of the *PD&E Guidelines Manual*, revised February 8, 1994, and the FDOT District VII *Level I Assessment Report Review Checklist*. The information obtained during the Level I update is intended to supplement data available in the June 1993 HDR report. The specific tasks outlined in the referenced scope of services document were:

- Examine the properties along the alignment to identify potential hazardous waste and pollutant problems located within, partially within, or adjacent to proposed right-of-way (ROW) limits.
- Obtain lists and other information from state and local environmental agencies about past and present uses of hazardous materials; generators of hazardous waste, pollutants, industrial waste, and/or solid waste; storage tanks (above or below ground); and groundwater contaminants. Report problems with their use (notices of violation, non-compliance documents, consent orders, Early Detection Incentive [EDI] Program sites, etc.).
- Verify acquired data by conducting site visits to the parcels along the alternate/corridor alignments-with particular attention to site storage and handling, those sites with changed land use, and previously unrecorded/undocumented problems.
- Re-rate the potential for encountering hazardous waste or pollutants for each site using the ranking criteria presented in Section 22-2.2.3 of Part 2, Chapter 22, of the *PD&E Guidelines Manual*.





REFERENCE:  
 U.S.G.S. 7.5 MINUTE QUADRANGLE MAP,  
 ZEPHYRHILLS, FLORIDA, DATED 1975,  
 PHOTOREVISED 1987, PLANT CITY WEST,  
 FLORIDA, DATED 1975, PHOTOINSPECTED 1983.

SECTIONS 14,23,25,36,1,30,31,6,8,  
 TOWNSHIPS 26S,27S,28S, RANGES 21E

Project No.: 777121  
 Date: 11/6/98  
 Drawn By: SDJF  
 Checked By: PLW

Figure 1.1  
**SITE LOCATION MAP**  
 STATE ROAD 39 FROM I-4 (ALEXANDER  
 STREET EXIT) TO U.S. HIGHWAY 301  
 HILLSBOROUGH AND PASCO COUNTIES, FLORIDA



OHM Remediation  
 Services Corp.

## 2. Level I Update Methodology

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### 2.1 Site Reconnaissance

On October 30, 1998, OHM personnel conducted a physical reconnaissance of sites along the project corridor and adjacent properties. This reconnaissance included a drive-by inspection of each site to look for signs of possible contamination that may indicate the presence of pollutants and/or toxic or hazardous materials. A discussion of the site reconnaissance is provided in **Section 4**. Photographic documentation of newly identified sites is provided in **Appendix B**.

### 2.2 Regulatory Review

A regulatory review (records search) of reasonably available federal and state environmental records was conducted by OHM personnel in October 1998. The reviewed records include information compiled by the United States Environmental Protection Agency (USEPA) and Florida Department of Environmental Protection (FDEP).

Environmental Data Resources, Inc., (EDR) was subcontracted to conduct a database search of potential hazardous and petroleum sites within the study area. This search was conducted as a preliminary screening tool to identify facilities registered with the various agencies and, along with the site reconnaissance, formed the basis for selecting the agency records for review. A copy of the database report is provided in **Appendix C**. The following USEPA and FDEP database listings were reviewed:

#### EPA Information

National Priorities List (NPL)

Comprehensive Environmental Response, Compensation, and Liability Information System List (CERCLIS)

CERCLIS "No Further Remedial Action Planned" (CERCLIS-NFRAP)

Emergency Response Notification System (ERNS)

RCRA Administrative Action Tracking System (RAATS)

Resource Conservation and Recovery Information System (RCRIS)

Corrective Action Report (CORRACTS)

Superfund (CERCLA) Consent Decrees (CONSENT)

Hazardous Materials Information Reporting System (HMIRS)

Material Licensing Tracking System (MLTS)

National Priority List Liens (NPL LIENS)  
PCB Activity Database System (PADS)  
Records of Decision (RODS)  
Toxic Release Inventory System (TRIS)  
Toxic Substances Control Act (TSCA)  
Facility Index System (FINDS)

**FDEP Information**

Florida Sites List (FL SITES)  
Solid Waste Facilities List (SWF/LF)  
Leaking Underground Storage Tank (LUST)  
Stationary Tank Inventory (STI)  
State Hazardous Waste Sites (SHWS)  
Facility/Owner/Tank Report (AST)  
Dryclean Program (DRYCLN)  
Florida Cattle Sites (FL Cattle)  
Wastewater Facility Regulation Database (WW)

A site-specific summary of the regulatory review is provided in **Section 4**.

## 3. Site Description

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### 3.1 Regional Hydrogeology

The study area is mainly located in the Western Valley-Zephyrhills Gap physiographic region. The surficial geology along SR 39 from I-4 to U.S. 301 (Gall Boulevard) consists of sands of variable thickness overlying carbonates and clays. Underlying these sands are clayey sands and clays that geologically appear to be remnants of the Hawthorn Formation. These clays comprise the confining unit that separates the surficial aquifer of the overlying sands from the underlying carbonates of the Floridan aquifer. The surficial sediments include the Penholoway Terrace, Wicomico Terrace, and Sunderland Terrace (Okefenokee Terrace) and are approximately 25 to 50 ft thick in the study area. The carbonate units comprise the remnant Tampa, Chattahoochee, and Suwannee formations. Groundwater in the surficial aquifer is expected to be approximately 8 to 12 ft below land surface (bls) with seasonal high water table depths of approximately 2 to 6 ft bls.

Two distinct aquifers occur in the project area: the surficial aquifer system and the deeper Floridan aquifer system. The Floridan aquifer is the principal aquifer in Hillsborough and Pasco counties and is comprised of a sequence of limestone and dolomite approximately 1,100 ft thick (Southwest Florida Water Management District [SWFWMD] 1988). It is comprised of the Suwannee, Ocala, and Avon Park formations.

### 3.2 Soils

According to the United States Department of Agriculture (USDA) Soil Conservation Service Soil Surveys of Pasco and Hillsborough counties, 9 soil series are represented within the study area in Pasco County and approximately 15 soil series are represented within the Hillsborough County study area. The principal soil types in the study area are listed and described in **Table 3.1**.

### 3.3 Drainage Basin

The study area is located within the northern-most portion of the Southern West-Central Florida Groundwater Basin (SWFWMD 1988) and is found in the southeastern portion of the Gulf Coastal Lowlands physiographic region.

Surface water drainage in the area is generally poor, and drainage is mostly internal. Southeastern Pasco contains numerous ponds and small lakes. Surface drainage along SR 39 is routed via a series of drainage swales and culverts. The major river in the area is the Hillsborough River.

**Table 3.1**

Soils Description  
 Level I Environmental Assessment along SR 39 from  
 I-4 (Alexander Street Exit) to U.S. 301 (Gall Boulevard)  
 Hillsborough and Pasco Counties, Florida

Soil Type	Slope	Drainage	Description	Depth
Wauchula fine sand	Nearly level to gently sloping. Slopes of 5 percent or less	Poorly drained	Black, fine sand Dark grayish-brown, fine sand Gray, fine sand Very dark gray to dark brown, fine sand	5 inches 8 inches 11 inches
Pomona fine sand	Nearly level. Slopes of 2 percent or less are smooth to concave	Poorly drained	Black, fine sand Gray, fine sand Gray to dark brown, fine sand Light olive gray, fine, sandy loam Gray, loamy fine sand	6 inches 19 inches 33 inches 57 inches 80 inches
Vero fine sand	Nearly level. Slopes of 2 percent or less	Poorly drained	Black, fine sand Gray, fine sand Dark grayish-brown to dark reddish-brown, fine sand Sandy, clay loam Light gray, sandy clay loam	6 inches 23 inches 30 inches 51 inches 80 inches
Malabar fine sand	Nearly level. Slopes of 2 percent or less	Poorly drained	Dark gray fine sand Light brownish-gray sand Brown, fine sand Gray, mottled, fine, sandy loam Grayish-brown fine sand	4 inches 12 inches 50 inches 66 inches 80 inches
Myakka fine sand	Nearly level. Slopes of 2 percent or less	Poorly drained	Very dark gray, fine sand Gray, fine sand Black, fine sand Dark reddish- to yellowish-brown, fine sand Pale brown to dark grayish-brown, fine sand	5 inches 20 inches 25 inches 38 inches 80 inches
Winder fine sand	Nearly level. Slopes of 2 percent or less	Poorly drained	Very dark gray, fine sand Grayish-brown, fine sand Dark grayish-brown, mottled, sandy loam Gray, sandy loam Light gray, mottled, sandy clay loam Gray, sandy loam	4 inches 10 inches 14 inches 30 inches 58 inches 80 inches

## 4. Investigation Results

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As stated in **Section 1** of this document, the primary focus of the investigation for this project area consisted of a Level 1 environmental assessment update along SR 39 from I-4 (Alexander Street Exit) to U.S. 301, Pasco and Hillsborough counties, Florida. OHM was tasked with evaluating various properties located along SR 39 with respect to the potential for encountering contamination. This section provides the results of the assessment. A summary of the site ratings is provided in **Table 4.1**, which presents the risk evaluation for each of the sites based on the evaluation criteria. Each risk rating reflects the potential risk that FDOT could encounter contamination during construction activities at the site. Site-specific information is provided in the following sections.

The study area, in general, is a low-density rural area. Cattle ranches and pasture land were located along SR 39, as were several mobile homes and small businesses. Vacant lots were observed along the corridor and each site was visually assessed during the site inspection. Debris, such as paper, bottles and cans, was observed along the corridor. Power poles, overhead electrical lines, and a telephone line were also observed as well as stormwater drainage ditches and culverts.

Along this length of corridor, some homes and businesses, particularly new ones located near the I-4 interchange, are likely using sanitary sewer and public water supply provided by Hillsborough County. However, older homes and business probably use septic systems and private drinking water supply wells.

For this report, the parcels of property that are not expected to pose significant contamination risk (based on the methods employed in the project) are not discussed on a site-by-site basis. Rather, the remainder of this section discusses the facilities that, due to present or past land use practices, may pose a potential contamination risk.

### 4.1 Texaco Gas Station Number 24-203-1328 (Site 1)

#### 2501 N. Wheeler Street (SR 39)

**Rating: Medium**

This operating Texaco gas station is located on the west side of SR 39.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Texaco Gas Station Number 24-203-1328, Facility Identification Number 298625538, is listed in the UST and LUST databases. The station maintains three 10,000-gallon unleaded gasoline underground storage tanks (USTs) and one 12,000-gallon diesel fuel UST that were installed in 1988. The site was eligible for state cleanup under the Early Detection Incentive (EDI) Program.

**Table 4.1**

Risk Evaluation Summary  
 SR 39 from I-4 (Alexander St Exit) to U.S. 301  
 Hillsborough and Pasco Counties, Florida

Site Number	Site Name	Site Address	SIC Codes	Identification Numbers	Contamination Concerns	Storage Tanks	Distance from proposed ROW	Evaluation Rating
1	Texaco Gas Station Number 24-203-1328	2501 N. Wheeler Street (SR 39)	5541	298625538	fuel	Y	Tank pad is adjacent to proposed ROW	Medium
2	Sunshine Food Store	2709 SR 39	5499	NA	fuel	unknown	Store is adjacent to proposed ROW	Medium
3	Country Village Power Equipment	3301 SR 39	5083	NA	fuel waste oil	unknown	Site is within proposed ROW	Medium
4	Texaco Gas Station Number 24-203-1313	3700 SR 39	5541	298521257	fuel	Y	Tank pad is within proposed ROW	High
5	AmeriSteel (formerly Florida Steel Corporation)	SR 39 and Joe McIntosh Road	3441	NA	fuel	Y	Site is adjacent to proposed ROW	Low
6	Terra Asgrow Florida	4144 SR 39	2879	298624881 FLD006923510	fuel pesticides	Y	Tank pad is 500 ft east of SR 39	High
7	Vacant/Old Gas Station	SR 39 and McLin Drive	5541	NA	fuel	unknown	Site is within proposed ROW	Medium
8	Presco Food/Gas Station	4901 SR 39	5541	298625041	fuel	Y	Tank pad is within proposed ROW	High
9	Southern Stake Supply	SR 39 and Lanier Road	2499	NA	NA	N	Site is adjacent to proposed ROW	None
10	Stonerock Auto Salvage	7311 SR 39	7538	NA	fuel waste oil	unknown	Site is partially in proposed ROW	Medium
11	Uncle Ned's BBQ Restaurant	10625 SR 39	5541	299046761	fuel	Y	Site is within proposed ROW	High
12	Glen's Bar	1017 SR 39	5541	NA	fuel	unknown	Site is within proposed ROW	Medium
13	Circle K Number 7153	SR 39 and Central Avenue	5541	518515047 FLD984254821	fuel waste oil	Y	Tank pad is within proposed ROW	High
14	Pautronics	SR 39 & Fig Street	3661	NA	NA	N	Site is partially within proposed ROW	None

4-2

Site Number	Site Name	Site Address	SIC Codes	Identification Numbers	Contamination Concerns	Storage Tanks	Distance from proposed ROW	Evaluation Rating
15	Dump Site	West side of SR 39, 1,500 ft north of Weicht Road	NA	NA	chemicals metals	N	Site is partially within proposed ROW	Medium
16	Alan Chenkin Equipment	West side of SR 39, 900 ft south of SR 39 and U.S. 41 apex	3524	NA	fuel waste oil	N	Site is partially within proposed ROW	Medium
17	Cumberland Farms Number 1401	3944 Gall Blvd. (SR 39)	5541	518519836 FLD984224964	fuel	Y	Tank pad is partially within proposed ROW	Medium
18	Auto Repair Shop	East side of SR 39 just north of SR 39 and U.S. 41 apex	7538	NA	fuel waste oil		Site is partially in proposed ROW	Medium
19	Sure Thing Auto Repair Shop	4122 Gall Blvd. (SR 39)	7538	NA	fuel waste oil	N	Site is partially in proposed ROW	Medium
20	United 500 Gas Station	4127 Gall Blvd. (SR 39)	5541	518519811	fuel	Y	Tank pad is adjacent to proposed ROW	High
21	Betty's Gas Station	U.S. 41 and Pine View Road	5541	NA	fuel waste oil	N	Soil is partially within proposed ROW	Medium
22	Old Road Bed	SR 39 and Central Avenue	NA	NA	chemicals metals	N	Site is partially in proposed ROW	None
23	Truck Spills West side of I-4	West side - Exit 13	NA	NA	fuel fertilizer	N	Area is within proposed ROW	High
24	AmeriGas	East side of SR 39 at McLin Drive	4923	NA	propane	Y	Site may be adjacent to proposed ROW	Low
25	Carlton Bros., Inc.	SR 39 at SR 582 (Knights-Griffin Road)	0174	298625629	fuel	Y	Unknown. Site may be adjacent to proposed ROW	Medium
26	Cross Environmental Services, Inc.	39644 Fig Street	8711	519601351 FL0001039528	fuel	Y	Site may be partially within proposed ROW	Low



A contamination assessment report (CAR) was submitted by OHM in 1990 and concluded that high levels of benzene and total benzene, toluene, ethylbenzene, and xylenes (total BTEX) were present in the groundwater. A remedial action plan (RAP) was also submitted by OHM and approved in June 1992. According to the *First Quarter, Fifth Year Remedial Action Status Report, September 1996 to November 1996, for Texaco Service Station, No. 24-203-1328, 2501 N. Wheeler Street, Plant City, Hillsborough County, Florida*, prepared by OHM on March 21, 1997, the remedial system had reduced the dissolved hydrocarbons in the groundwater. OHM's recommendation that a monitoring only plan (MOP) be developed was approved by FDEP on May 8, 1997. According to Environmental Protection Commission of Hillsborough County (EPCHC) correspondence dated May 7, 1998, analytical results indicate that some contaminants in two wells exceeded the default values. Additional assessment activity was recommended. Copies of relevant regulatory file documents are provided in **Appendix D**.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. According to the FDOT plans, additional ROW will be taken in this area to the west of the existing ROW for SR 39. It appears that this site's tank pad will be adjacent to the proposed ROW. Based on available information, a "Medium" rating was assigned to this site. Further environmental assessment is recommended.

## **4.2 Sunshine Food Store (Site 2)**

**2709 SR 39**

**Rating: Medium**

Sunshine Food Store is an operating convenience store located on the west side of SR 39.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. Although the site building is of the style of the old service stations, no evidence of a tank pad or dispenser island was observed, and no files regarding the site were found at the Pasco County Public Health Unit or FDEP offices.

A complete breakdown of the risk evaluation criteria and rationale is provide in **Table 4.1**. According to the FDOT plans, additional ROW will be taken in this area to the west of the existing ROW for SR 39. It appears that this facility will be adjacent to the new ROW. Based on available information, the site was assigned a "Medium" risk rating. Further environmental assessment is recommended.

### **4.3 Country Village Power Equipment (Site 3)**

**3301 SR 39**

**Rating: Medium**

Country Village Power Equipment is a small equipment (i.e., golf carts, lawn mowers, etc.) rental and repair facility located on the northwest corner of SR 39 and Sam Allen Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. Although the site had been a gas station at one time, no files were found regarding the site at the Pasco County Public Health Unit or FDEP offices. Country Village Power Equipment is a small quantity generator (SQG). This business likely generated used oil and degreasing solvents.

According to the FDOT plans, the location of SR 39 in this area will change. This proposed route places the site within the new ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to site. Further environmental assessment is recommended.

### **4.4 Texaco Gas Station Number 24-203-1313 (Site 4)**

**3700 SR 39**

**Rating: High**

Texaco Gas Station Number 24-203-1313 is a gasoline station and convenience store located on the northwest corner of SR 39 and McGee Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that the site is registered under Facility Identification Number 298521257 and is listed in the UST, LUST, FINDS, and RCRIS-SQG databases. This facility previously maintained four 4,000-gallon unleaded gasoline USTs that were closed in place on August 31, 1988. The station currently maintains three 10,000-gallon unleaded gasoline USTs, installed in 1988.

The site became eligible for state cleanup under the EDI Program on September 30, 1988, and a discharge was reported on February 20, 1989. An initial remedial action (IRA) was initiated on May 4, 1990, and approximately 1 gallon of free product was recovered from the four tank area compliance wells. A CAR and CAR addendum were submitted by OHM in 1990, and a RAP prepared by OHM was approved in December 1992. Groundwater flow

direction appears to be to the southeast. According to the *Summary of Work and Remedial Action Status Report for Year 3, December 9, 1994 to March 28, 1994, Texaco Service Station, No. 24-203-1313, 3700 State Road 39, Plant City, Florida* prepared by OHM on June 21, 1995, the groundwater remedial system startup was December 2, 1992, and soil remediation system startup was March 30, 1993. A soil remediation No Further Action (NFA) approval was granted on June 2, 1994. Due to the site's low score (below 50), reimbursement under the Petroleum Cleanup Program ceased and remedial action was discontinued. Copies of relevant regulatory file documents are provided in **Appendix D**.

According to FDOT plans, the location of SR 39 in this area will change and the site's tank pad will be within the proposed ROW. A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "High" rating was assigned to this site. Further environmental assessment is recommended.

#### **4.5 AmeriSteel/Formerly Florida Steel Corporation (Site 5)**

##### **SR 39 and Joe McIntosh Road**

**Rating: Low**

AmeriSteel is a steel fabrication facility located on the east side of SR 39 east of the railroad tracks that parallel SR 39 on the northeast corner of SR 39 and Joe McIntosh Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. According to the HDR report on this corridor, the facility has one 450-gallon diesel fuel aboveground storage tank (AST). No files regarding the site were found at the Pasco County Public Health Unit or FDEP offices.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Low" rating was assigned to this site due to the absence of violations and the fact that the site will not be in the proposed ROW. Further environmental assessment is not recommended.

#### **4.6 Terra Asgrow Florida (Site 6)**

##### **4144 SR 39**

**Rating: High**

Terra Asgrow Florida is a fertilizer, herbicide, and pesticide blending facility located east of the railroad tracks on the east side of SR 39.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that the site is registered under Facility Identification Number 298624881 and EPA Identification Number FLD006923510. The facility is listed in the FINDS, CERC-NFRAP, and RCRIS-LQG databases. Terra Asgrow previously maintained two 4,000-gallon diesel fuel USTs and two 1,000-gallon USTs that were removed in April 1990.

Terra Asgrow is listed as a large quantity generator (LQG). This facility has generated significant quantities of toxaphene-contaminated soil, which were removed following a release in the tank farm. Other waste pesticides and herbicides are also generated. A hazardous waste compliance inspection was conducted at the site on October 5, 1993, and twelve violations were reported- including failure to inspect areas where hazardous wastes are stored, failure to ship all hazardous waste containers stored onsite for more than 90 days, and failure to mark the satellite accumulation container of solvent and rags in the liquid formulation area as "Hazardous Waste." A Short Form Consent Order was issued on January 10, 1994, and settled February 14, 1994.

A report entitled *Proposed Future Use Remedial Design for the Former Tank Facility Area* dated July 1994 was prepared by H<sub>2</sub>O Environmental, Inc. The report stated that post evacuation assessment activities in late 1993 indicated concentrations of semi-volatile and volatile aromatics constituents in the saturated sediments and dissolved in groundwater. Low levels of select pesticides were also detected in the saturated sediments and groundwater in the proposed new AST area. Copies of relevant regulatory file documents are provided in **Appendix D**.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "High" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.7 Vacant/Old Gas Station (Site 7)**

##### **SR 39 and McLin Drive**

**Rating: Medium**

This vacant gas station site is located on the northwest corner of SR 39 and McLin Drive.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. Although the site looks as if it had been a service station at one time, no files regarding the site were found at the Pasco County Public Health Unit or FDEP offices. Concrete pads presumably used for product distribution pumps were observed during the site reconnaissance.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. According to the FDOT plans, additional ROW will be taken in this area to the west of the existing ROW for SR 39. It appears that this facility is within the proposed ROW; therefore a “Medium” rating was assigned to this site. Further environmental assessment is recommended.

#### **4.8 Presco Food Store/Gas Station (Site 8)**

**4901 SR 39**

**Rating: High**

Presco Food Store is an operating gasoline station and convenience store located on the northwest corner of SR 39 and Knights-Griffin Road.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Presco Food Store (Facility Identification Number 298625041) is listed in the UST and LUST databases. Presco Food Store previously maintained two 8,000-gallon unleaded gasoline USTs that were installed in 1983 and removed in August and September of 1998. One 15,000-gallon unleaded gasoline UST was installed in September 1998. The site became eligible for state cleanup under the EDI Program on May 7, 1990, due to a discharge reported in December 1988. As this site scored below 50 points, cleanup activities ceased in January 1998 when reimbursement under the pre-approval program was discontinued. Copies of relevant regulatory file documents are provided in **Appendix D**.

Based on FDOT plans to realign and widen SR 39, the site’s tank pad will be within the proposed ROW. A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A “High” risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.9 Southern Stake Supply (Site 9)**

**SR 39 and Lanier Road**

**Rating: None**

Southern Stake Supply was a wooden stake fabricating company formerly located on the west side of SR 39 at Lanier Road.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. No regulatory files were found for this site at the Pasco County Public Health Unit or FDEP offices.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. According to the FDOT plans, this site will be adjacent to the proposed ROW for SR 39; therefore, a “None” rating was assigned to this site. Further environmental assessment is not recommended.

#### **4.10 Stonerock Auto Salvage (Site 10)**

**7311 SR 39**

**Rating: Medium**

Stonerock Auto Salvage is an auto repair and salvage yard located on the west side of SR 39.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. No files were found for this site at the Pasco County Public Health Unit or FDEP offices. During the site reconnaissance, several automobiles and trucks in need of repair were observed on the property. These vehicles may have leaked fuel, oil, and other fluids.

FDOT plans indicate that this site will be partially within the proposed ROW of SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. Based on the presence of vehicles in disrepair and probable discharge of gasoline, oil, and transmission fluid, a “Medium” risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.11 Uncle Ned’s BBQ Restaurant (Site 11)**

**10625 SR 39**

**Rating: High**

Uncle Ned’s is a restaurant located on the west side of SR 39.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Uncle Ned’s (Facility Identification Number 299046761) is listed in the UST and LUST databases. Uncle Ned’s previously maintained one 5,000-gallon and one 2,000-gallon leaded gasoline UST that were removed on May 5, 1992. A discharge reporting form was filed on the tank removal date due to OVA soil screening results above 500 ppm. A groundwater sample collected from a temporary monitor well installed in the tank excavation area showed total BTEX at 944.1 micrograms per liter ( $\mu\text{g/L}$ ), which exceeded site rehabilitation levels.

The site became eligible for reimbursement under the Abandoned Tank Restoration Program on July 21, 1992. An IRA was submitted by PACO Consulting & Engineering, Inc., to EPCHC on November 6, 1992. FDEP correspondence, dated January 23, 1998, indicated that a contamination assessment and RAP were initiated for this site and that additional work was necessary to delineate the horizontal extent of contamination. Copies of relevant regulatory file documents are provided in **Appendix D**.

According to FDOT's plans for road construction, the site's tank pad will be within the proposed ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. Based on available information regarding petroleum contamination at the site, a "High" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.12 Glen's Bar (Site 12)**

**1017 SR 39**

**Rating: Medium**

Glen's Bar is located on the northwest corner of SR 39 and County Line Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials.

According to the HDR report, this facility operated as a gas station in the 1970s. Mr. Jan Peterson of the Pasco County Public Health Unit reported that he recalled some tanks were removed from the site many years ago; however, no regulatory files were found at either the Pasco County Public Health Unit or FDEP offices. During the site visit, it was observed that this facility is now closed.

FDOT roadway construction plans indicate that this site will be within the proposed ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.13 Circle K Number 7153 (Site 13)**

##### **SR 39 and Central Avenue**

**Rating: High**

Circle K Number 7153 is a gasoline station and convenience store located on the southwest corner of SR 39 and Central Avenue.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Circle K (Facility Identification Number 518515047 and EPA Number FLD984254821) is listed in the FINDS, FL WW, UST, and LUST databases. The facility maintains two 8,000-gallon unleaded gasoline USTs that were installed in April 1974.

During an inspection on July 22, 1994, by Pasco County Public Health Unit representatives, organic vapor readings greater than 1,000 ppm were detected in the northeast and southeast monitor wells. The discharge was reported on the same date. Results of groundwater sample analyses indicated that petroleum contamination was present. The highest readings were from the northeast well with concentrations of total BTEX at 3,086 µg/L, benzene at 1,982 µg/L, total xylenes at 738 µg/L, toluene at 206 µg/L, ethylbenzene at 160 µg/L, and MTBE at 205 µg/L. The facility became eligible on September 7, 1994, for reimbursement under the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP).

Records indicate that a CAR was requested by the Pasco County Public Health Unit on August 22, 1994, and that ATEC Associates was performing the assessment. The files further indicate, in FDEP-Tallahassee correspondence dated January 30, 1997, regarding reimbursement, that the CA was performed; however, the CAR was not available in the county files. Copies of relevant regulatory file documents are provided in **Appendix D**.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "High" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.14 Pautronics (Site 14)**

##### **SR 39, just north of Fig Street**

**Rating: None**

Pautronics is a telephone service and repair facility located on the west side of SR 39, approximately 500 ft north of Fig Street.



OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. No files for this site were found at the Pasco County Public Health Unit or FDEP offices.

FDOT plans indicate that this site will be partially within the proposed ROW of SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "None" rating was assigned to this site. Further environmental assessment is not recommended.

#### **4.15 Dump Site (Site 15)**

**West side of SR 39, north of Weicht Road**

**Rating: Medium**

This site is located on the west side of SR 39 approximately 1,500 ft north of Weicht Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. No files were found at the Pasco County Public Health Unit or FDEP offices regarding this site. Various construction and household debris was observed during the site visit. The area was also overgrown with vegetation.

FDOT plans indicate that the site will be partially within the proposed SR 39 ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.16 Alan Chenkin Equipment (Site 16)**

**SR 39, south of the U.S. 41 Apex**

**Rating: Medium**

Alan Chenkin Equipment is a lawn and garden tractor sales and repair facility located on the west side of SR 39 approximately 900 ft south of the SR 39 and U.S. 41 Apex.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. No files for this site were found at the Pasco County Public Health Unit or FDEP offices.

During the site reconnaissance, several automobiles and trucks as well as tractors in need of repair were observed on the site. These vehicles and equipment may have leaked fuel, oil, and other fluids.

The FDOT roadway construction plans indicate that this site will be partially within the proposed ROW of SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. Based on the presence of vehicles and equipment in disrepair, a "Medium" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.17 Cumberland Farms Number 1401 (Site 17)**

##### **3944 Gall Boulevard (SR 39)**

**Rating: Medium**

Cumberland Farms Number 1401 is a gasoline station and convenience store located at the SR 39 and U.S. 41 Apex.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Cumberland Farms (Facility Identification Number 518519836 and EPA Identification Number FLD984224964) is listed in the UST, RCRIS-SQG, and FINDS databases. The facility previously maintained two 3,000-gallon unleaded gasoline USTs, one 3,000-gallon leaded gasoline UST and one 1,000-gallon diesel fuel UST that were removed in December 1988. The site currently maintains three 8,000-gallon unleaded gasoline USTs that were installed in December 1988.

*A Closure Assessment Report for Line Upgrade Activities, Cumberland Farms Facility #1401, 3944 Gall Boulevard, Zephyrhills, Pasco County, Florida* was prepared by CTEC & Associates, Inc., and submitted on January 28, 1998, to the Pasco County Public Health Unit. Soil samples were collected from beneath the dispensers and around the sumps and were screened with an organic vapor analyzer. No hydrocarbon vapors were detected in any sample.

FDOT construction plans indicate that the site's tank pad will be within the proposed SR 39 ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.18 Auto Repair Shop and Sure Thing Auto Repair Shop (Sites 18 and 19)**

**East side of SR 39, just north of the U.S. 41 Apex  
4122 Gall Boulevard**

**Rating: Medium**

These two adjacent auto repair shops are located on the east side of SR 39 approximately 400 and 500 ft north of the SR 39 and U.S. 41 Apex respectively.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicate that these sites are not listed as generators, storers, or transporters of hazardous materials. According to the HDR report, these facilities are SQGs; however, no files were found at the Pasco County Public Health Unit or FDEP offices regarding these sites. These businesses likely generated small quantities of waste oil and degreasing solvents.

FDOT construction plans indicate these sites will be partially within the proposed SR 39 ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to these sites. Further environmental assessment is recommended.

#### **4.19 United 500 Number 559 Gas Station (Site 20)**

**4127 Gall Boulevard**

**Rating: High**

United 500 Number 559 is former gasoline station located on the northwest corner of U.S. 41 and Palm Grove Road.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that United 500 (Facility Identification Number 518519811) is listed in the UST and LUST databases. United 500 maintains four 4,000-gallon unleaded gasoline USTs, one 4,000-gallon diesel fuel UST, and one 4,000-gallon kerosene UST.

A discharge was reported on January 1, 1987, and the site became eligible for the EDI Program on June 9, 1987. During an inspection on October 22, 1997, by the Pasco County Public Health Unit, vapor readings were recorded in a northwest monitoring well-not a compliance well-at greater than 10,000 ppm. According to FDEP-Tallahassee correspondence dated August 17, 1998, an order of determination of reimbursement indicated that a contamination assessment was performed at this site; however, the CAR was not available in the county files.

A compliance inspection report, dated September 30, 1998, indicated that the facility has been closed since approximately February 1998 and that less than 2 inches of product remained in the tanks. Correspondence from the Pasco County Public Health Unit, dated October 13, 1998, indicated that this facility had several violations including poor record keeping and lack of notification to the appropriate authorities that the facility was out-of-service.

FDOT construction plans indicate that this site will likely be partially within the proposed ROW of SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A “High” risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.20 Betty’s Gas Station (Site 21)**

##### **U.S. 41 and Pine View Road**

**Rating: Medium**

Betty’s Gas Station is a closed gasoline station located on the east side of U.S. 41 at Pine View Road approximately 850 ft north of the SR 39 and U.S. 41 Apex.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials. The HDR report indicated that the tanks were removed in October 1990; however, no files were found at the Pasco County Public Health Unit or FDEP offices regarding this site.

FDOT construction plans indicate that this site will likely be partially within the proposed ROW of SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A “Medium” rating was assigned to this site. Further environmental assessment is recommended.

#### **4.21 Old Road Bed (Site 22)**

##### **Approximately 1,000 feet north of County Line Road, west of SR 39**

**Rating: None**

This old road bed was identified by HDR in historical aerial photographs from 1968. The site reconnaissance did not indicate a potential for contamination impact to the proposed roadway project.

FDOT construction plans indicate that the site lies partially within the proposed SR 39 ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A “None” risk rating was assigned to this site. Further environmental assessment is not recommended.

#### **4.22 Truck Spills (Site 23)**

##### **West Side of I-4 (Exit 13, SR 39 Ramp)**

**Rating: High**

On March 18, 1996, an estimated 100 gallons of diesel fuel was released from a 130-gallon Ryder truck fuel tank on the westbound shoulder of I-4, just west of Exit 13. The affected area was approximately 20 by 40 ft and was covered with grass. The spill extended 40 ft down an embankment on the north side of the Interstate.

Allied Environmental Consultants, Inc., collected soil samples for OVA-FID screening and soils having petroleum hydrocarbons above the 50 parts per million (ppm) criteria were excavated and stockpiled on Visqueen. Approximately 49 tons of excessively petroleum-contaminated soil were transported offsite for treatment.

On August 29, 1996, FDEP requested that a contamination assessment be initiated. No other files were found. Copies of relevant regulatory file documents are provided in **Appendix D**.

On October 30, 1998, during the site visit, an overturned tanker was observed on the westbound entrance ramp to I-4. According to a police officer, the tanker contained fertilizer, and the owner of the tanker (CTL) was en route to clean up the spill. The ramp was closed for several hours.

It appears that this area will be in the new ROW. Based on the history of trucks spills in the area, a “High” rating was assigned to this site. Further environmental assessment is recommended.

#### **4.23 AmeriGas (Site 24)**

##### **SR 39 and McLin Drive**

**Rating: Low**

AmeriGas is located east of the railroad tracks on the east side of SR 39 at McLin Drive.

OHM’s review of the 26 environmental databases maintained by the USEPA and FDEP indicate that the site is not listed as a generator, storer, or transporter of hazardous materials.

Although the site has several ASTs, the tanks contain propane and are not regulated. No files were found regarding this site at the Pasco County Public Health Unit or FDEP offices.

According to the FDOT plans, the location of SR 39 in this area will change. This site appears to be adjacent to the proposed ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Low" risk rating was assigned to the site. Further environmental assessment is not recommended.

#### **4.24 Carlton Bros., Inc. (Site 25)**

##### **SR 39 and SR 582 (Knights-Griffin Road)**

**Rating: Medium**

Carlton Bros., Inc. is a former citrus grove located east of the railroad tracks on the east side of SR 39 at SR 582 (Knights-Griffin Road). The facility was not observed during the site visit and is presently out of business.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Carlton Bros., Inc., (Facility Identification Number 298625629) is listed in the AST and LUST databases. The site previously maintained one 5,000-gallon diesel fuel AST and one 1,000-gallon diesel fuel AST. Records indicated that the drain nozzle on the 5,000-gallon tank was knocked off and approximately 1,500 gallons of fuel were spilled in June 1985. Aragonite was used to adsorb the free product. According to a February 15, 1988, inspection report, diesel fuel has been used and stored on this site to operate smudge pots to warm citrus for over 50 years. The site became eligible for the EDI Program on March 15, 1988. An inspection report, dated August 21, 1989, stated that the 1,000-gallon AST is no longer in service. The tank reportedly had a hole and contained no fuel. According to the EDR database search, the facility is listed as being closed. Copies of relevant regulatory file documents are provided in **Appendix D**.

According to FDOT construction plans, the location of SR 39 in this area will change. This site appears to be adjacent to the proposed SR 39 ROW.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. A "Medium" risk rating was assigned to this site. Further environmental assessment is recommended.

#### **4.25 Cross Environmental Services, Inc. (Site 26)**

**39644 Fig Street**

**Rating: Low**

Cross Environmental Services, Inc., is an environmental consulting company located on the west side of SR 39.

OHM's review of the 26 environmental databases maintained by the USEPA and FDEP indicates that Cross Environmental Services, Inc., (Facility Identification Number 519601351) is listed in the AST database. The facility currently maintains two 1,000-gallon diesel fuel ASTs to fuel company vehicles. According to a compliance inspection on December 18, 1996, several violations were noted; however, each was corrected and no violations were noted during the reinspection on January 28, 1997. There was no indication of contaminant release at the site. Copies of relevant regulatory file documents are provided in **Appendix D**.

Based on FDOT plans, this site may be partially within the proposed ROW for SR 39.

A complete breakdown of the risk evaluation criteria and rationale is provided in **Table 4.1**. As all compliance issues have been resolved at this site, a "Low" risk rating was assigned. Further environmental assessment is not recommended.

## 5. Level I Conclusions and Recommendations

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The Level I environmental assessment update represents an appropriate inquiry and investigation of the property 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 the information presented in this report, this section discusses the conclusions of the assessment and includes recommendations for further assessment activities if warranted. Twenty-six sites were evaluated. Of the twenty-six sites, six received “None” or “Low” risk ratings, thirteen received “Medium” risk ratings, and seven received “High” risk ratings.

The following sites scored “None” or “Low” risk evaluation ratings, and further environmental assessment is not recommended for these parcels:

- Site 5. AmeriSteel
- Site 9. Southern Stake Supply
- Site 14. Pautronics
- Site 22. Old Road Bed
- Site 24. AmeriGas
- Site 26. Cross Environmental Services, Inc.

Because of observed conditions during the site inspections, and/or information obtained from regulatory personnel and file searches, the following sites scored a “High” or “Medium” risk evaluation rating, and further environmental assessment is recommended:

- **Site 1. Texaco Gas Station Number 24-203-1328:** Gasoline contamination in groundwater was documented onsite and remediated. The site has been under a MOP since May 1997; however, correspondence from May 1998 indicated that some contaminants in two wells exceeded action levels. Thus, the site was assigned a “Medium” risk rating. Level II assessment is recommended to determine if the roadway construction area has been adversely impacted. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of Gasoline Analytical Group (GAG) parameters. The estimated cost to perform Level II assessment is \$5,000.



- **Site 2. Sunshine Food Store:** Because the store may have sold gasoline in the past, a Level II assessment is recommended to determine if USTs remain onsite and whether soil and/or groundwater contamination may exist in the proposed roadway construction area. OHM recommends that a ground penetrating radar (GPR) survey be conducted in the proposed ROW to identify unregistered USTs. OHM also recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of Kerosene Analytical Group (KAG) parameters. The estimated cost to perform Level II assessment is \$7,500.
- **Site 3. Country Village Power Equipment:** Because the store operated as a gasoline station in the past, a GPR survey is recommended to identify any remaining USTs in the proposed ROW. Additionally, Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters and Resource Conservation and Recovery Act (RCRA) metals. The estimated cost to perform these tasks is \$7,500.
- **Site 4. Texaco Gas Station Number 24-203-1313:** Gasoline-contaminated groundwater exists onsite; therefore, a “High” risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000. Additionally, the site’s tank pad appears to be within the proposed ROW and the tanks will require removal. OHM can generally provide closure assessment and tank removal for between \$10,000 and \$30,000 depending upon the number and size of tanks to be removed as well as current site conditions, including depth to groundwater.
- **Site 6. Terra Asgrow Florida:** Because of the documented presence of volatile, semi-volatile, and pesticide contamination in groundwater onsite, a “High” risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters, pesticides, and herbicides. The estimated cost to perform these tasks is \$6,000.

- **Site 7. Vacant/Old Gas Station:** Because this site previously operated as a gasoline station, a “Medium” risk rating was assigned. A GPR survey is recommended in the proposed ROW to identify any remaining USTs. Additionally, Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters. The estimated cost to perform these tasks is \$7,500.
  
- **Site 8. Presco Food Store:** Because of documented petroleum contamination detected onsite, a “High” risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000. Additionally, the site’s tank pad appears to be within the proposed ROW and the tanks will require removal. OHM can generally provide closure assessment and tank removal for between \$10,000 and \$30,000 depending upon the number and size of tanks to be removed as well as current site conditions, including depth to groundwater.
  
- **Site 10. Stonerock Auto Salvage:** Because of the presence of several cars and trucks in need of repair onsite, a “Medium” risk rating was assigned. A Level II soil and groundwater assessment is recommended to determine if releases of regulated materials have taken place and adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters and RCRA metals. The estimated cost to perform these tasks is \$5,000.
  
- **Site 11. Uncle Ned’s BBQ Restaurant:** This site has previously operated as a gasoline station, and petroleum contamination has been detected in soil and groundwater; therefore, a “High” risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000. Additionally, the site’s tank pad appears to be within the proposed ROW and the tanks will require removal. OHM

can generally provide closure assessment and tank removal for between \$10,000 and \$30,000 depending upon the number and size of tanks to be removed as well as current site conditions, including depth to groundwater.

- **Site 12. Glen's Bar:** Because this site was a former gasoline station, it was assigned a "Medium" risk rating. A GPR survey is recommended within the proposed ROW to identify any remaining USTs. Additionally, level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters. The estimated cost to perform these tasks is \$7,500.
- **Site 13. Circle K:** Documented petroleum contamination in groundwater resulted in a "High" risk rating for this site. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters. Additionally, copies of the CAR or RAP, if available, should be obtained from the FDEP-Tallahassee office. The estimated cost to perform these tasks is \$7,000.
- **Site 15. Dump Site:** Because of the various debris and drums located at this site, a "Medium" risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of priority pollutant volatiles, semi-volatiles, and metals. The estimated cost to perform these tasks is \$6,000.
- **Site 16. Alan Chenkin Equipment:** Because of the presence of several tractors, cars, and trucks in need of repair onsite, a "Medium" rating was assigned. A Level II soil and groundwater assessment is recommended to determine if releases of regulated materials have taken place and adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters and RCRA metals. The estimated cost to perform these tasks is \$5,000.

- Site 17. Cumberland Farms:** Because the site's tank pad is partially within the proposed ROW, a "Medium" risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials have taken place and adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000. Additionally, the site's tanks appear to be within the proposed ROW and will require removal. OHM can generally provide closure assessment and tank removal for between \$10,000 and \$30,000 depending upon the number and size of tanks to be removed as well as current site conditions, including depth to groundwater.
- Sites 18 and 19. Auto Repair Shop/Sure Thing Auto Repair Shop:** Because of poor housekeeping practices and the nature of these businesses, "Medium" risk ratings were assigned to each. Level II soil and groundwater assessment is recommended at both sites to determine if releases of regulated materials have taken place and adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at each site. One temporary monitor well should be installed at each location and one soil and one groundwater sample collected from each site for analyses of KAG parameters and RCRA metals. The estimated cost to perform these tasks is \$5,000 per site.
- Site 20. United 500 Gas Station:** Because groundwater contamination was documented to exist onsite, a "High" risk rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. Additionally, copies of the CAR or RAP, if available, should be obtained from the FDEP-Tallahassee office. The estimated cost to perform these tasks is \$7,000.
- Site 21. Betty's Gas Station:** Because this site was a former gasoline station and is still in the business of servicing automobiles, a "Medium" risk rating was assigned. A Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000.

- **Site 23. Truck Spills:** Because diesel fuel contamination is documented to exist onsite, a “High” rating was assigned. A Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have impacted the proposed area of construction. OHM recommends that organic vapor analyzer (OVA) soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of KAG parameters. The estimated cost to perform Level II assessment is \$5,000.
- **Site 25. Carlton Bros., Inc.:** Because the site has stored and used diesel fuel for over 50 years, a “Medium” rating was assigned. Level II soil and groundwater assessment is recommended to determine if releases of regulated materials may have adversely impacted the proposed construction area. OHM recommends that OVA soil screening be conducted on 20-ft centers along SR 39 at this site. One temporary monitor well should be installed at this location and one soil and one groundwater sample collected for analyses of GAG parameters. The estimated cost to perform these tasks is \$5,000.

## 6. Warranty

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The field observations, measurements, and research reported herein are considered sufficient in detail and scope to form a reasonable basis for a general environmental assessment of this property. OHM warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods only for the sites described in this report.

These environmental methods have been developed to provide the client with information regarding apparent indications of existing or potential environmental conditions relating to the subject property and are necessarily limited to the conditions observed at the time of the site visit and research. The assessment methodology has been designed to conform to the information gathering requirements summarized in the FDOT document entitled "*FDOT District VII Level I Assessment Report Review Checklist*".

This report is also limited to the information available at the time it was prepared. In the event additional information is provided to OHM following this report, it will be forwarded to FDOT District VII in the form received for evaluation. There is a distinct possibility that conditions may exist that could not be identified within the scope of the assessment or that were not apparent during the site visit. OHM believes that the information concerning the property is reliable. However, OHM cannot warrant or guarantee that the information provided is complete or accurate.

No other warranties are implied or expressed.

## 7. References

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Environmental Data Resources, Inc. *Regulatory Database Report: Level I Environmental Assessment for SR 39 from I-4 (Alexander Street Exit) to U.S. 301.* October 1998.

Southwest Florida Water Management District. *Ground-water Resource Availability Inventory: Pasco County, Florida.* March 1988.

Southwest Florida Water Management District. *Ground-water Resource Availability Inventory: Hillsborough County, Florida.* April 1988.

United States Department of Agriculture, Soil Conservation Service. *Soil Survey of Pasco County, Florida.* June 1982.

United States Department of Agriculture, Soil Conservation Service. *Soil Survey of Hillsborough County, Florida.* May 1989.

Florida Department of Environmental Protection Southwest District, Facility Files.

Pasco County Public Health Unit, Environmental Health Services, Facility Files.

Environmental Protection Commission of Hillsborough County, Facility Files.





## **Appendix A**

FDOT Scope of Services

**ATTACHMENT "A"**  
**SCOPE OF SERVICES**  
**FOR**  
**LEVEL I UPDATE**  
**HAZARDOUS MATERIAL INVESTIGATION**  
**AT**  
**S.R. 39**  
**FROM I-4 (S.R. 400) AT ALEXANDER ST. TO US 301**  
**PLANT CITY, HILLSBOROUGH COUNTY, FLORIDA**  
*Land Pasco*

**FINANCIAL PROJECT NO. 255099**

**FLORIDA DEPARTMENT OF TRANSPORTATION**  
**DISTRICT SEVEN**

October 6, 1998

## I. DESCRIPTION

Consultant services are requested for the preparation of an updated Level I Hazardous Material investigation and report for the S.R. 39, from I-4 (S.R. 400) at Alexander St. to U.S. 301), Plant City to Zephyrhills, Hillsborough County, Florida.

## II. OBJECTIVES

The consultant shall investigate the project corridor for any additional potential hazardous material problems not identified during previous investigations, following all required procedures. The elements of work shall include, but not be limited to, updated records search of land use history, review of current environmental files, confirmation site visit, evaluation of risks and recommendations, and preparation of a report.

## III. PROVISIONS FOR WORK

All work shall be performed in accordance with the guidelines provided in Chapter 22, Hazardous Materials of the PD&E Guidelines of FDOT. In addition, all work shall be performed in accordance with the applicable rules and regulations of the Florida Department of Environmental Protection (FDEP) and all other pertinent State or Federal authority. Consultant shall ensure compliance with Chapter 62-770 of the F.A.C. State Underground Petroleum Environmental Response, and other related/relevant chapters.

## IV. SERVICES

- A. The Consultant shall reevaluate the corridor and prepare recommendations for the Department concerning any newly discovered potential hazardous waste and pollutant problems associated with each proposed alignment as per Part 2, Chapter 22 of the PD&E Guidelines Manual, revised February 8, 1994. The services shall consist of the following tasks:

- per telcon w/ Mike Samalves 10/9/98*
- ~~1. Public record searches to identify the current tenants and legal owners as well as the associated land usage/business activities. Coordinate this data with the appropriate aerial surveys that are currently available.~~
  2. State and local environmental and health agency visits to secure lists and other information about the present users of hazardous materials, generators of hazardous waste, pollutants, industrial waste, solid waste, storage tanks (above or below ground) as well as groundwater contaminants, if required due to changes in site activities. If site activities have remained the same, a review on any Notices of Violation, non-compliance documents, Consent Orders, EDI files, etc. is appropriate.

3. On-site verification by field visits of parcels along the corridor alignments, with particular attention to site storage and handling. Those sites with changed land use and previously unrecorded/undocumented problems should be noted.
  4. Rerank the potential for encountering hazardous waste or pollutants as a result of the transportation improvement project and associated land purchases and construction activities using the District Seven PD&E Potential Contamination Risk Evaluation Guideline. Point totals shall be recorded and level of risk assigned.
- B. Data collected, analyses and recommendations made as a result of these tasks shall be assembled by the Consultant in a technically and scientifically concise Level I Investigation Report. This report shall include an executive summary, a narrative, tables (if appropriate), graphics and appendices (parcel profiles, violation summaries, correspondence, etc.), to completely illustrate the screening effort. The report shall discuss in detail medium and high risk sites, if the ranking for those sites has changed from previous investigations, and provide recommendations for additional evaluations or investigations on suspect parcels to be completed prior to right-of way acquisition and construction.
- C. Two copies of the draft Hazardous Materials and Pollutant Report and five copies of the final Hazardous Materials and Pollutant Report shall be provided by the Consultant.

#### **V. DEPARTMENT RESPONSIBILITIES**

The Department may opt to provide any liaison function necessary to accomplish the work. Any questions concerning this project should be directed to Mike Gonsalves, telephone number (813) 975-6446.

#### **IV. LENGTH OF SERVICES**

Services are requested to be completed on or before November 10, 1998.



## **Appendix B**

Site Photographs



**Photograph 1.** Overturned fertilizer truck on the entrance ramp to I-4. View is to the west.



**Photograph 2.** Promiscuous dump. View is to the west.

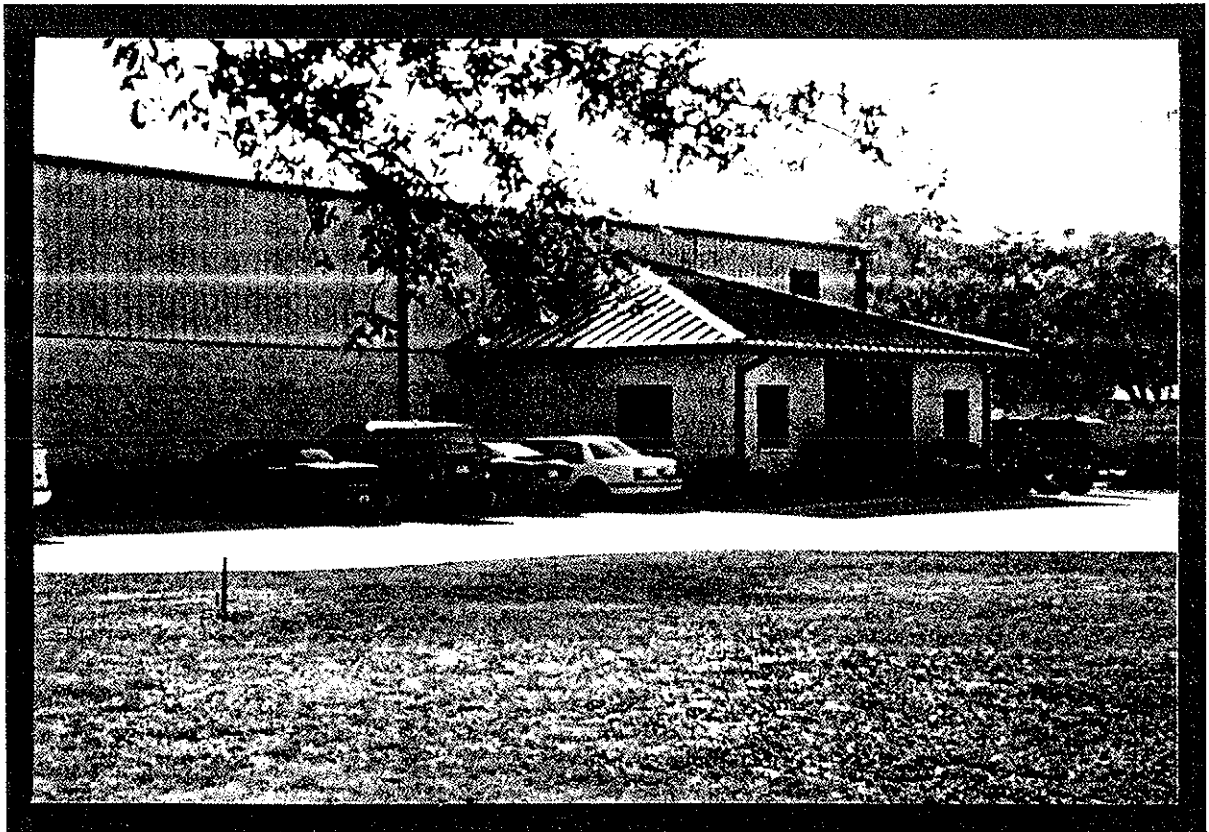


Photograph 3. Glen's Bar. View is to the north-northwest.



Photograph 4. AmeriGas. View is to the southeast. Note the railroad tracks.





Photograph 5. Cross Environmental Services, Inc. View is to the southwest.



Photograph 6. Pautronics. View is to the west.

APPENDIX  
**C**

## **Appendix C**

### Regulatory Database Search



# The EDR Corridor Study Report

Study Area  
S.R. 39 Corridor  
Plant City, Florida

October 19, 1998

Inquiry number 303248.1s

***The Source***  
**For Environmental  
Risk Management  
Data**

3530 Post Road  
Southport, Connecticut 06490

**Nationwide Customer Service**

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

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).

The address of the subject property for which the search was intended is:

S.R. 39 CORRIDOR  
PLANT CITY, FL 33566

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

**NPL:**..... National Priority List  
**Delisted NPL:**..... NPL Deletions  
**RCRIS-TSD:**..... Resource Conservation and Recovery Information System  
**SHWS:**..... State Haz. Waste  
**CORRACTS:**..... Corrective Action Report  
**SWF/LF:**..... Solid Waste Facility Database  
**RAATS:**..... RCRA Administrative Action Tracking System  
**HMIRS:**..... Hazardous Materials Information Reporting System  
**PADS:**..... PCB Activity Database System  
**TRIS:**..... Toxic Chemical Release Inventory System  
**NPL Lien:**..... NPL Liens  
**MLTS:**..... Material Licensing Tracking System  
**FI Sites:**..... Florida Sites  
**FI Cattle:**..... Florida Cattle  
**DRYCLN:**..... FL Dry Clean  
**ROD:**..... ROD  
**CONSENT:**..... Superfund (CERCLA) Consent Decrees  
**Coal Gas:**..... Former Manufactured gas (Coal Gas) Sites.

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

## EXECUTIVE SUMMARY

### Search Results:

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

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

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/27/1998 has revealed that there is 1 CERCLIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CENTRAL PHOSPHATES INC</i></b>	<b><i>SR 39 N</i></b>	<b><i>7</i></b>	<b><i>11</i></b>

**CERCLIS-NFRAP:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERCLIS-NFRAP list, as provided by EDR, and dated 08/27/1998 has revealed that there is 1 CERCLIS-NFRAP site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>TERRA ASGROW FLORIDA</i></b>	<b><i>4144 HWY 39 N</i></b>	<b><i>12</i></b>	<b><i>13</i></b>

**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 11/06/1997 has revealed that there are 8 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>UNITED 500 #559</i></b>	<b><i>4127 GALL BLVD</i></b>	<b><i>1</i></b>	<b><i>2</i></b>
<b><i>CIRCLE K #7153</i></b>	<b><i>SR 39/CENTRAL AVE</i></b>	<b><i>4</i></b>	<b><i>7</i></b>
<b><i>CIRCLE K #0180</i></b>	<b><i>1507 GALL BLVD</i></b>	<b><i>4</i></b>	<b><i>9</i></b>
<b><i>CARLTON BROS., INC.</i></b>	<b><i>SR 39 / SR 582</i></b>	<b><i>11</i></b>	<b><i>12</i></b>
<b><i>TEXACO #24-203-1313</i></b>	<b><i>SR 39 &amp; MCGEE RD</i></b>	<b><i>13</i></b>	<b><i>14</i></b>
<b><i>HEMPHILL GROVES INC</i></b>	<b><i>208 E TERRACE DR</i></b>	<b><i>15</i></b>	<b><i>18</i></b>
<b><i>PRESCO FOOD STORE #23</i></b>	<b><i>4901 HWY 39 N</i></b>	<b><i>16</i></b>	<b><i>20</i></b>
<b><i>CIRCLE M #1</i></b>	<b><i>2009 N WHEELER ST</i></b>	<b><i>17</i></b>	<b><i>21</i></b>

## EXECUTIVE SUMMARY

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's SC102--Facility/Owner/Tank Report.

A review of the UST list, as provided by EDR, and dated 01/31/1998 has revealed that there are 9 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>UNITED 500 #559</b>	<b>4127 GALL BLVD</b>	<b>1</b>	<b>2</b>
<b>CUMBERLAND FARMS #1401</b>	<b>3944 GALL BLVD</b>	<b>2</b>	<b>4</b>
<b>CIRCLE K #7153</b>	<b>SR 39/CENTRAL AVE</b>	<b>4</b>	<b>7</b>
<b>VANAVAC INC</b>	<b>5555 JOE MCINTOSH LOOP</b>	<b>12</b>	<b>14</b>
<b>TEXACO #24-203-1313</b>	<b>SR 39 &amp; MCGEE RD</b>	<b>13</b>	<b>14</b>
<b>MARTHA WHITE FOODS INC</b>	<b>100 E TERRACE DR</b>	<b>15</b>	<b>17</b>
<b>HEMPHILL GROVES INC</b>	<b>208 E TERRACE DR</b>	<b>15</b>	<b>18</b>
<b>PRESCO FOOD STORE #23</b>	<b>4901 HWY 39 N</b>	<b>16</b>	<b>20</b>
<b>CIRCLE M #1</b>	<b>2009 N WHEELER ST</b>	<b>17</b>	<b>21</b>

**AST:** The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Protection's SC102--Facility/Owner/Tank Report.

A review of the AST list, as provided by EDR, and dated 01/31/1998 has revealed that there are 7 AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CROSS ENVIRONMENTAL SERVICES I</b>	<b>39646 FIG ST</b>	<b>3</b>	<b>6</b>
<b>W COAST REG WTR SPLY AUTH LAKE</b>	<b>5825 COUNTY LINE RD</b>	<b>5</b>	<b>10</b>
<b>BENEFIELD FARM</b>	<b>7301 HWY 39 S</b>	<b>8</b>	<b>11</b>
<b>CRUM/DAVE</b>	<b>6401 S SR 39</b>	<b>9</b>	<b>11</b>
<b>SNELLGROVE, JAMES F</b>	<b>5429 N 39</b>	<b>10</b>	<b>12</b>
<b>CARLTON BROS., INC.</b>	<b>SR 39 / SR 582</b>	<b>11</b>	<b>12</b>
<b>ORNAMENTAL TROPICAL FISH BREED</b>	<b>HWY 39 &amp; KNIGHTS GRIFFIN RD</b>	<b>11</b>	<b>13</b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/01/1998 has revealed that there are 7 RCRIS-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CUMBERLAND FARMS #1401</b>	<b>3944 GALL BLVD</b>	<b>1</b>	<b>2</b>
<b>CROSS ENVIRONMENTAL SERVICES</b>	<b>39646 FIG ST</b>	<b>3</b>	<b>7</b>
<b>CIRCLE K #0180</b>	<b>1507 GALL BLVD</b>	<b>4</b>	<b>9</b>
<b>TEXACO #242041313</b>	<b>SR 39 &amp; MCGEE RD</b>	<b>13</b>	<b>17</b>
<b>FARM STORE #361</b>	<b>3590 HWY 39</b>	<b>14</b>	<b>17</b>
<b>TAMPA LAKELAND REFRIGERATED</b>	<b>302 N FRONTAGE RD</b>	<b>16</b>	<b>19</b>
<b>AMERICAN BANK STATIONERY COMPA</b>	<b>404 N FRONTAGE RD</b>	<b>16</b>	<b>20</b>

## EXECUTIVE SUMMARY

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 07/01/1998 has revealed that there is 1 RCRIS-LQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>TERRA ASGROW FLORIDA</b>	<b>4144 HWY 39 N</b>	<b>12</b>	<b>13</b>

**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 06/30/1998 has revealed that there is 1 ERNS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
10608 PAUL BUCHMAN HWY	10608 PAUL BUCHMAN HWY	6	10

**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 04/01/1997 has revealed that there are 11 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CUMBERLAND FARMS #1401</b>	<b>3944 GALL BLVD</b>	<b>1</b>	<b>2</b>
<b>CROSS ENVIRONMENTAL SERVICES</b>	<b>39646 FIG ST</b>	<b>3</b>	<b>7</b>
<b>CIRCLE K #7153</b>	<b>SR 39/CENTRAL AVE</b>	<b>4</b>	<b>7</b>
<b>CIRCLE K #0180</b>	<b>1507 GALL BLVD</b>	<b>4</b>	<b>9</b>
<b>CENTRAL PHOSPHATES INC</b>	<b>SR 39 N</b>	<b>7</b>	<b>11</b>
<b>TERRA ASGROW FLORIDA</b>	<b>4144 HWY 39 N</b>	<b>12</b>	<b>13</b>
<b>TEXACO #242041313</b>	<b>SR 39 &amp; MCGEE RD</b>	<b>13</b>	<b>17</b>
<b>FARM STORE #361</b>	<b>3590 HWY 39</b>	<b>14</b>	<b>17</b>
<b>TAMPA LAKELAND REFRIGERATED</b>	<b>302 N FRONTAGE RD</b>	<b>16</b>	<b>19</b>
<b>AMERICAN BANK STATIONERY COMPA</b>	<b>404 N FRONTAGE RD</b>	<b>16</b>	<b>20</b>
<b>IMC FERTILIZER INC URANIUM REC</b>	<b>HWY 39 &amp; HILLSBOROUGH</b>	<b>18</b>	<b>25</b>

**TSCA:** The Toxic Substances Control Act 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. The United States Environmental Protection Agency has no current plan to update and/or re-issue this database.

A review of the TSCA list, as provided by EDR, and dated 12/31/1994 has revealed that there is 1 TSCA site within the searched area.



## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>CENTRAL PHOSPHATES INC</i>	<i>SR 39 N</i>	<i>7</i>	<i>11</i>

### Florida Wastewater: Domestic and Industrial Wastewater Facilities

A review of the FL WW list, as provided by EDR, and dated 05/01/1998 has revealed that there are 2 FL WW sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K #7153</i>	<i>SR 39/CENTRAL AVE</i>	<i>4</i>	<i>7</i>
<i>CF INDUSTRIES, INC.</i>	<i>10608 PAUL BUCHMAN HWY</i>	<i>6</i>	<i>10</i>

## EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
NPL	0
Delisted NPL	0
RCRIS-TSD	0
State Haz. Waste	0
CERCLIS	1
CERC-NFRAP	1
CORRACTS	0
State Landfill	0
LUST	8
UST	9
AST	7
RAATS	0
RCRIS Sm. Quan. Gen.	7
RCRIS Lg. Quan. Gen.	1
HMIRS	0
PADS	0
ERNS	1
FINDS	11
TRIS	0
NPL Liens	0
TSCA	1
MLTS	0
Florida Sites	0
Florida Cattle	0
FL Wastewater	2
FL Dry Clean	0
ROD	0
CONSENT	0
Coal Gas	0

\* Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

1	<b>CUMBERLAND FARMS #1401</b> 3944 GALL BLVD ZEPHYRHILLS, FL 02021	RCRIS-SQG FINDS	1000703291 FLD984224964
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RCRIS:

Owner: JOYCE SCHULTZ, DEALER  
(617) 828-4900

Contact: JOYCE SCHULTZ  
(617) 828-4900

Record Date: 12/11/1991

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

1	<b>UNITED 500 #559</b> 4127 GALL BLVD ZEPHYRHILLS, FL 03359	LUST UST	U001368037 N/A
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LUST:

Facility ID: 8519811	Facility District: Southwest	
Region: STATE	Lat/long: 281422 / 821108	
Registered Date: 08/05/85	Facility Type: Retail Station	
Regulation: Regulated Facility	Facility Status: Open	
Substance: Unleaded Gas	Gallons discharged: 500	
Section: 010		
Township: 26S		
Range: 21E		
Owner: UNITED PETROLEUM INC 7305 ROWLETT PARK DR TAMPA, FL 33610 - 1141		
Owner Phone: (813) 238-6491		
Contact: MCRAE, T.O.		
Operator: RANDY STORER		
Facility Phone: (813) 788-2685		
Federal Financial Responsibility:	State Program (FLIPA/AIG)	
Contamination Tracking Number:	510502	
Facility Cleanup Status:	Ongoing	
Facility Cleanup Score:	030	
Facility Cleanup Rank:	05345	
Contaminated Drinking Wells:	0	
Contaminated Media:	Ground Water	
Facility Contamination Indicators:	Contamination Reported	
Facility Storage Tank Data On File:	No Tanks Registered	
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File	
Record Type:	Contamination Data Records	
Discharge Date:	01/01/1987	
Discharge Cleanup Program:	Early Detection Initiative	
Discharge Cleanup Program Lead:	Reimbursement	
DCP Eligibility Status:	Eligible	
DCP Eligibility Status Date:	06/09/1987	
Discharge Ineligible Reasons:	Not reported	
Chapter 17-770 Cleanup Required:	New Cleanup Required	
Contamination Information Source:	EDI	

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s) EDR ID Number  
EPA ID Number

**UNITED 500 #559 (Continued)**

**U001368037**

Discharge Lead Agency: Bureau of Waste Cleanup

UST:

Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130697	District Office	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1965		
Tank Construction:	Internally lined steel	Construction ID:	228517
	Spill containment		228518
Petro Monitoring:	Man sample wells	Monitor ID:	175138
	Piping/flow restrictor		175139
	Man tank gauging		175140
Tank Piping:	Cathodically protected steel	Piping ID:	176569
	Pressurized piping		176570
Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130698	District Office	South West District
Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1965		
Tank Construction:	Internally lined steel	Construction ID:	228519
	Bare/asphalt steel		228520
	Spill containment		228521
Petro Monitoring:	Man sample wells	Monitor ID:	175141
	Piping/flow restrictor		175142
	Man tank gauging		175143
Tank Piping:	Unprotected metal	Piping ID:	176571
	Cathodically protected steel		176572
	Pressurized piping		176573
Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130699	District Office	South West District
Tank Name:	3	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1965		
Tank Construction:	Internally lined steel	Construction ID:	228522
	Spill containment		228523
Petro Monitoring:	Man sample wells	Monitor ID:	175144
	Man tank gauging		175146
	Piping/flow restrictor		175145
Tank Piping:	Cathodically protected steel	Piping ID:	176574
	Pressurized piping		176575
Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130700	District Office	South West District
Tank Name:	4	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED 500 #559 (Continued)**

**U001368037**

Substance:	Vehic diesel	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1965		
Tank Construction:	Internally lined steel	Construction ID:	228524
	Spill containment		228525
Petro Monitoring:	Man sample wells	Monitor ID:	175147
	Man tank gauging		175149
	Piping/flow restrictor		175148
Tank Piping:	Cathodically protected steel	Piping ID:	176576
	Pressurized piping		176577
Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130701	District Office	South West District
Tank Name:	5	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Kerosene	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1974		
Tank Construction:	Internally lined steel	Construction ID:	228526
	Op-flow shut off		228528
	Spill containment		228527
Petro Monitoring:	Man sample wells	Monitor ID:	175150
	Man tank gauging		175151
Tank Piping:	Cathodically protected steel	Piping ID:	176578
	Dispenser liners		176580
	Suction piping		176579
Facility ID:	8519811	Facility Type:	Retail Station
Facility Phone:	8137882685	Facility Status:	OPEN
Tank ID:	130702	District Office	South West District
Tank Name:	6	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	07/01/1974		
Tank Construction:	Internally lined steel	Construction ID:	228529
	Spill containment		228530
	Op-flow shut off		228531
Petro Monitoring:	Man sample wells	Monitor ID:	175152
	Man tank gauging		175154
	Piping/flow restrictor		175153
Tank Piping:	Cathodically protected steel	Piping ID:	176581
	Dispenser liners		176583
	Pressurized piping		176582

2

**CUMBERLAND FARMS #1401**  
3944 GALL BLVD  
ZEPHYRHILLS, FL 03354

UST

1000738240  
N/A

UST:

Facility ID:	8519836	Facility Type:	Retail Station
Facility Phone:	8137829180	Facility Status:	OPEN
Tank ID:	130657	District Office	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	3000
Tank Status:	Removed	Tank Status Date:	12/31/1988
Install Date:	07/01/1965		

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s) EDR ID Number  
EPA ID Number

CUMBERLAND FARMS #1401 (Continued)

1000738240

Tank Construction: Bare/asphalt steel	Construction ID: 228440
Petro Monitoring: Not required	Monitor ID: 175071
Tank Piping: Fiberglass	Piping ID: 176508
Facility ID: 8519836	Facility Type: Retail Station
Facility Phone: 8137829180	Facility Status: OPEN
Tank ID: 130658	District Office: South West District
Tank Name: 2	Vessel Indicator: TANK
Compartment: 1	Tank Location: UNDERGROUND
Substance: Unleaded gas	Gallons: 3000
Tank Status: Removed	Tank Status Date: 12/31/1988
Install Date: 07/01/1965	
Tank Construction: Bare/asphalt steel	Construction ID: 228441
Petro Monitoring: Not required	Monitor ID: 175072
Tank Piping: Fiberglass	Piping ID: 176509
Facility ID: 8519836	Facility Type: Retail Station
Facility Phone: 8137829180	Facility Status: OPEN
Tank ID: 130659	District Office: South West District
Tank Name: 3	Vessel Indicator: TANK
Compartment: 1	Tank Location: UNDERGROUND
Substance: Leaded gas	Gallons: 3000
Tank Status: Removed	Tank Status Date: 12/31/1988
Install Date: 07/01/1965	
Tank Construction: Bare/asphalt steel	Construction ID: 228442
Petro Monitoring: Not required	Monitor ID: 175073
Tank Piping: Fiberglass	Piping ID: 176510
Facility ID: 8519836	Facility Type: Retail Station
Facility Phone: 8137829180	Facility Status: OPEN
Tank ID: 130660	District Office: South West District
Tank Name: 4	Vessel Indicator: TANK
Compartment: 1	Tank Location: UNDERGROUND
Substance: Vehic diesel	Gallons: 1000
Tank Status: Removed	Tank Status Date: 12/31/1988
Install Date: 07/01/1965	
Tank Construction: Bare/asphalt steel	Construction ID: 228443
Petro Monitoring: Not required	Monitor ID: 175074
Tank Piping: Fiberglass	Piping ID: 176511
Facility ID: 8519836	Facility Type: Retail Station
Facility Phone: 8137829180	Facility Status: OPEN
Tank ID: 130661	District Office: South West District
Tank Name: 5	Vessel Indicator: TANK
Compartment: 1	Tank Location: UNDERGROUND
Substance: Unleaded gas	Gallons: 8000
Tank Status: In service	Tank Status Date: Not reported
Install Date: 12/01/1988	
Tank Construction: FRP clad steel	Construction ID: 228444
Spill containment	228445
Overfill-ball check	278786
Op-tight fill	228446
Petro Monitoring: Man sample wells	Monitor ID: 175075
Piping/flow restrictor	175076
Man tank gauging	212348
Tank Piping: Fiberglass	Piping ID: 176512
Pressurized piping	176513

MAP FINDINGS

Map ID	Direction	Distance	Site	Database(s)	EDR ID Number	EPA ID Number
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**CUMBERLAND FARMS #1401 (Continued)**

**1000738240**

Facility ID:	8519836	Facility Type:	Retail Station
Facility Phone:	8137829180	Facility Status:	OPEN
Tank ID:	130662	District Office	South West District
Tank Name:	6	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	12/01/1988		
Tank Construction:	Overfill-ball check	Construction ID:	278787
	Op-tight fill		228449
	Spill containment		228448
	FRP clad steel		228447
Petro Monitoring:	Man tank gauging	Monitor ID:	212349
	Piping/flow restrictor		175080
	Man sample wells		175079
Tank Piping:	Fiberglass	Piping ID:	176514
	Pressurized piping		176515
Facility ID:	8519836	Facility Type:	Retail Station
Facility Phone:	8137829180	Facility Status:	OPEN
Tank ID:	130663	District Office	South West District
Tank Name:	7	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	12/01/1988		
Tank Construction:	FRP clad steel	Construction ID:	228450
	Spill containment		228451
	Overfill-ball check		278788
	Op-tight fill		228452
Petro Monitoring:	Man sample wells	Monitor ID:	175083
	Piping/flow restrictor		175084
	Man tank gauging		212350
Tank Piping:	Fiberglass	Piping ID:	176516
	Pressurized piping		176517

3

**CROSS ENVIRONMENTAL SERVICES INC**  
**39646 FIG ST**  
**CRYSTAL SPRINGS, FL 03352**

AST

**A100062165**  
**N/A**

AST:

Facility ID:	9601351	Tank ID:	160802
Facility Phone:	8137831688	District Office	South West District
Facility Type:	Non-retail Business	Facility Status:	OPEN
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Vehic diesel	Gallons:	1000
Tank Status:	In service	Status Date:	02/01/1996
Install Date:	02/01/1996		
Tank Construction:	Bare/asphalt steel	Construction ID:	298757
	Spill containment		298758
	AST containment area		298759
Petro Monitoring:	Not required	Monitor ID:	227257
Tank Piping:	Aboveground-no contact with soil	Piping ID:	235267
Facility ID:	9601351	Tank ID:	160803
Facility Phone:	8137831688	District Office	South West District
Facility Type:	Non-retail Business	Facility Status:	OPEN



**MAP FINDINGS**

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROSS ENVIRONMENTAL SERVICES INC (Continued)**

**A100062165**

Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Vehic diesel	Gallons:	1000
Tank Status:	In service	Status Date:	02/01/1996
Install Date:	02/01/1996		
Tank Construction:	Bare/asphalt steel	Construction ID:	298760
	Spill containment		298761
	AST containment area		298762
Petro Monitoring:	Not required	Monitor ID:	227258
Tank Piping:	Aboveground-no contact with soil	Piping ID:	235268

**3 CROSS ENVIRONMENTAL SERVICES  
39646 FIG ST  
CRYSTAL SPRINGS, FL 33524**

**RCRIS-SQG 1000986037  
FINDS FL0001039528**

RCRIS:  
Owner: JERRY WILLIAMS, OPERATIONS MGR  
(813) 783-1688  
  
Contact: JERRY WILLIAMS  
(813) 783-1688  
  
Record Date: 09/15/1995  
  
Classification: Not reported  
  
Used Oil Recyc: No  
  
Violation Status: No violations found

**4 CIRCLE K #7153  
SR 39/CENTRAL AVE  
CRYSTAL SPRINGS, FL 33619**

**FL WW 1000740170  
FINDS FLD984254821  
LUST  
UST**

LUST:  
Facility ID: 8515047 Facility District: Southwest  
Region: STATE Lat/long: 281051 / 820925  
Registered Date: Not reported Facility Type: Retail Station  
Regulation: Regulated Facility Facility Status: Open  
Substance: Unleaded Gas Gallons discharged: 0  
Section: 036  
Township: 26S  
Range: 21E  
Owner: CIRCLE K STORES INC  
5650 BRECKENRIDGE PARK DR #300  
TAMPA, FL 33610  
  
Owner Phone: (813) 744-5266  
Contact: STEVE BELIN  
Operator: BELIN, STEVE  
Facility Phone: (813) 889-8161  
  
Federal Financial Reponsibility: State Program (SELF/OTH)  
Contamination Tracking Number: Not reported  
Facility Cleanup Status: Ongoing  
Facility Cleanup Score: 007 (LOW)  
Facility Cleanup Rank: 10850  
Contaminated Drinking Wells: 0  
Contaminated Media: Ground Water  
Facility Contamination Indicators: Contamination Reported  
Facility Storage Tank Data On File: No Tanks Registered

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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**CIRCLE K #7153 (Continued)**

1000740170

Owner Address Resulted in Returned Mail:	No, Good Owner Address On File
Record Type:	Contamination Data Records
Discharge Date:	07/22/1994
Discharge Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Discharge Cleanup Program Lead:	Reimbursement
DCP Eligibility Status:	Eligible
DCP Eligibility Status Date:	09/07/1994
Discharge Ineligible Reasons:	Not reported
Chapter 17-770 Cleanup Required:	New Cleanup Required
Contamination Information Source:	Discharge Notification
Discharge Lead Agency:	Bureau of Waste Cleanup

**FL WW:**

Facility ID:	FLA012570	District Office:	SWD
Telephone:	Not reported	Owner Type:	Private
Facility Type:	Industrial Wastewater		
Flag:	INDUST		
Status:	Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.		

NPDES Permitted Site:	No
Design Capacity:	0
Domestic Water Class:	Not reported
Reuse Disposal:	Not reported
Latitude/Longitude:	28° 8' 8" / 82° 9' 5"
Responsible Authority Name:	Not reported
Job Title:	Not reported
Company Name:	WILFORD RODRIGUEZ
Responsible Party Address:	P O BOX 426 CRYSTAL SPRINGS, FL 0
Responsible Authority Telephone:	0
Treatment Process Summary:	Not reported

**UST:**

Facility ID:	8515047	Facility Type:	Retail Station
Facility Phone:	8136898161	Facility Status:	OPEN
Tank ID:	130978	District Office:	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	04/01/1974		
Tank Construction:	Overfill-ball check	Construction ID:	229162
	Internally lined steel		229163
	Bare/asphalt steel		229164
	Op-tight fill		229166
	Spill containment		229165
Petro Monitoring:	S	Monitor ID:	243184
	V		243185
Tank Piping:	Fiberglass	Piping ID:	177064
	Double walled=primary material		177065
	Dispenser liners		177067
	Suction piping		177066
Facility ID:	8515047	Facility Type:	Retail Station
Facility Phone:	8136898161	Facility Status:	OPEN
Tank ID:	130979	District Office:	South West District
Tank Name:	2	Vessel Indicator:	TANK

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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**CIRCLE K #7153 (Continued)**

**1000740170**

Compartment: 1	Tank Location: UNDERGROUND	
Substance: Unleaded gas	Gallons: 8000	
Tank Status: In service	Tank Status Date: Not reported	
Install Date: 04/01/1974		
Tank Construction: Overfill-ball check	Construction ID: 229167	
Internally lined steel	229168	
Bare/asphalt steel	229169	
Op-tight fill	229171	
Spill containment	229170	
Petro Monitoring: S	Monitor ID: 243186	
V	243187	
Tank Piping: Fiberglass	Piping ID: 177068	
Suction piping	177070	
Dispenser liners	177071	
Double walled=primary material	177069	

**4 CIRCLE K #0180  
1507 GALL BLVD  
ZEPHYRHILLS, FL 33619**

**RCRIS-SQG 1000822442  
FINDS FLD984254763  
LUST**

**RCRIS:**

Owner: STEVE BELIN, COMPLIANCE MGR  
(813) 689-8161

Contact: STEVE BELIN  
(813) 689-8161

Record Date: 03/29/1993

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**LUST:**

Facility ID: 8519799	Facility District: Southwest
Region: STATE	Lat/long: 281435 / 821115
Registered Date: 08/05/85	Facility Type: Retail Station
Regulation: Regulated Facility	Facility Status: Open
Substance: Unleaded Gas	Gallons discharged: 0
Section: Not reported	
Township: Not reported	
Range: Not reported	
Owner: CIRCLE K STORES INC 5650 BRECKENRIDGE PARK DR #300 TAMPA, FL 33610	
Owner Phone: (813) 744-5266	
Contact: STEVE BELIN	
Operator: CIRCLE K CORP	
Facility Phone: (813) 689-8161	
Federal Financial Reponsibility:	State Program (FLIPA/AIG)
Contamination Tracking Number: 514301	
Facility Cleanup Status: Ongoing	
Facility Cleanup Score: 066	
Facility Cleanup Rank: 01307	
Contaminated Drinking Wells: 0	
Contaminated Media: Soil, Ground Water	
Facility Contamination Indicators: Contamination Reported	
Facility Storage Tank Data On File: No Tanks Registered	
Owner Address Resulted in Returned Mail: No, Good Owner Address On File	

MAP FINDINGS

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

**CIRCLE K #0180 (Continued)**

1000822442

Record Type:	Contamination Data Records
Discharge Date:	08/01/1988
Discharge Cleanup Program:	Early Detection Initiative
Discharge Cleanup Program Lead:	Reimbursement
DCP Eligibility Status:	Eligible
DCP Eligibility Status Date:	10/23/1989
Discharge Ineligible Reasons:	Not reported
Chapter 17-770 Cleanup Required:	New Cleanup Required
Contamination Information Source:	EDI
Discharge Lead Agency:	Bureau of Waste Cleanup

5	<b>W COAST REG WTR SPLY AUTH LAKE BRIDGE INT PMP STA</b> <b>5825 COUNTY LINE RD</b> <b>WESLEY CHAPEL, FL 03354</b>	AST	A100092611 N/A
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AST:

Facility ID:	9602234	Tank ID:	163666
Facility Phone:	8139962835	District Office:	South West District
Facility Type:	State Government	Facility Status:	OPEN
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Diesel-emerg generator	Gallons:	3000
Tank Status:	In service	Status Date:	08/01/1996
Install Date:	08/01/1996		
Tank Construction:	Bare/asphalt steel	Construction ID:	309465
	Spill containment		309466
	Op-flow shut off		309467
	Level gauges/hi level alarms		309468
	Op-tight fill		311933
Petro Monitoring:	Double walled tank space	Monitor ID:	235481
	Auto tank gauging		235482
	Double Walled piping space		235483
	Approved alternate system		237291
Tank Piping:	Fiberglass	Piping ID:	245786
	Double walled=primary material		245787
	Suction piping		247999

6	<b>10608 PAUL BUCHMAN HWY</b> <b>10608 PAUL BUCHMAN HWY</b> <b>PLANT CITY, FL</b>	ERNS	974120700 N/A
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6	<b>CF INDUSTRIES, INC.</b> <b>10608 PAUL BUCHMAN HWY</b> <b>PLANT CITY, FL 33565</b>	FL WW	S102846926 N/A
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FL WW:

Facility ID:	FLA012214	District Office:	SWD
Telephone:	(813) 782-1591	Owner Type:	Private
Facility Type:	Domestic WWTP		
Flag:	DOMESTIC		
Status:	Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.		
NPDES Permitted Site:	No		
Design Capacity:	0		
Domestic Water Class:	Ext Air: no flow < flow < 0.025 MGD		
Reuse Disposal:	R		

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**CF INDUSTRIES,INC. (Continued)**

**S102846926**

Latitude/Longitude: 28° 10' 0" / 82° 8' 20"  
 Responsible Authority Name: MR JIM E PARSONS  
 Job Title: GENERAL MANAGER  
 Company Name: CF INDUSTRIES,INC  
 Responsible Party Address: 10608 PAUL BUCHMAN HWY  
 PLANT CITY, FL 33565  
 Responsible Authority Telephone: 0  
 Treatment Process Summary: TYPE III EXTENDED AERATION

7

**CENTRAL PHOSPHATES INC  
SR 39 N  
PLANT CITY, FL 33566**

**CERCLIS  
FINDS  
TSCA**

**1000418666  
FLD098930076**

CERCLIS Classification Data:  
 Site Incident Category: Not reported  
 Ownership Status: Other  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 CERCLIS Assessment History:  
 Assessment: DISCOVERY Completed: 01-NOV-79  
 Assessment: PRELIMINARY ASSESSMENT Completed: 01-MAR-80  
 Assessment: SITE INSPECTION Completed: 04-MAY-90  
 CERCLIS Site Status:  
 Low  
 CERCLIS Alias Name(s):  
 CENTRAL PHOSPHATES, INC.

8

**BENEFIELD FARM  
7301 HWY 39 S  
PLANT CITY, FL 03356**

**AST**

**A100008996  
N/A**

AST:  
 Facility ID: 9101867 Tank ID: 116431  
 Facility Phone: 8137371095 District Office: South West District  
 Facility Type: Agricultural Facility Status: CLOSED  
 Tank Name: 1 Vessel Indicator: TANK  
 Compartment: 1 Tank Location: ABOVEGROUND  
 Substance: Vehic diesel Gallons: 3000  
 Tank Status: Removed Status Date: 06/30/1993  
 Install Date: 03/01/1991  
 Tank Construction: Unknown/not reported Construction ID: 202114  
 Petro Monitoring: Not required Monitor ID: 155517  
 Tank Piping: Aboveground-no contact with soil Piping ID: 156050

9

**CRUM/DAVE  
6401 S SR 39  
PLANT CITY, FL 03356**

**AST**

**A100008796  
N/A**

AST:  
 Facility ID: 8736498 Tank ID: 118917  
 Facility Phone: 8137373052 District Office: South West District  
 Facility Type: Non-retail Business Facility Status: OPEN  
 Tank Name: 1 Vessel Indicator: TANK  
 Compartment: 1 Tank Location: ABOVEGROUND  
 Substance: Vehic diesel Gallons: 110  
 Tank Status: In service Status Date: Not reported  
 Install Date: Not reported  
 Tank Construction: Unknown/not reported Construction ID: 206219  
 Petro Monitoring: Unknown/not reported Monitor ID: 158744  
 Tank Piping: Unknown/not reported Piping ID: 159662

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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10	<b>SNELLGROVE, JAMES F</b> 5429 N 39 PLANT CITY, FL	AST	U003109647 N/A
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AST:

Facility ID:	9046094	Tank ID:	117406
Facility Phone:	8137521584	District Office:	South West District
Facility Type:	Non-retail Business	Facility Status:	OPEN
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Vehic diesel	Gallons:	10000
Tank Status:	In service	Status Date:	Not reported
Install Date:	07/01/1986		
Tank Construction:	Fiberglass	Construction ID:	203841
Petro Monitoring:	Not required	Monitor ID:	156849
Tank Piping:	Violation	Piping ID:	157733

11	<b>CARLTON BROS., INC.</b> SR 39 / SR 582 PLANT CITY, FL 33566	AST LUST	S101264739 N/A
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LUST:

Facility ID:	8625629	Facility District:	Southwest
Region:	STATE	Lat/long:	280443 / 820812
Registered Date:	05/22/86	Facility Type:	Non-retail Business
Regulation:	Not a regulated facility	Facility Status:	Closed
Substance:	Vehicular Diesel	Gallons discharged:	0
Section:	005		
Township:	28S		
Range:	22E		
Owner:	CARLTON BROS INC		
	603 W TEVER ST		
	PLANT CITY, FL 33566 - 2429		
Owner Phone:	(813) 275-2675		
Contact:	HARRY S. CARLTON		
Operator:	FARM-CITRUS & CATTLE		
Facility Phone:	(813) 752-6757		
Federal Financial Responsibility:	Not reported		
Contamination Tracking Number:	291948		
Facility Cleanup Status:	Ongoing		
Facility Cleanup Score:	031		
Facility Cleanup Rank:	04887		
Contaminated Drinking Wells:	0		
Contaminated Media:	Soil		
Facility Contamination Indicators:	Contamination Reported		
Facility Storage Tank Data On File:	No Tanks Registered		
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File		
Record Type:	Contamination Data Records		
Discharge Date:	06/01/1985		
Discharge Cleanup Program:	Early Detection Initiative		
Discharge Cleanup Program Lead:	State		
DCP Eligibility Status:	Eligible		
DCP Eligibility Status Date:	03/15/1988		
Discharge Ineligible Reasons:	Not reported		
Chapter 17-770 Cleanup Required:	New Cleanup Required		
Contamination Information Source:	EDI		
Discharge Lead Agency:	Local Program		

AST:

Facility ID:	8625629	Tank ID:	121669
Facility Phone:	8137526757	District Office:	South West District

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARLTON BROS., INC. (Continued)**

S101264739

Facility Type:	Non-retail Business	Facility Status:	CLOSED
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Vehic diesel	Gallons:	1000
Tank Status:	Removed	Status Date:	Not reported
Install Date:	10/01/1978		
Tank Construction:	Unknown/not reported	Construction ID:	210914
Petro Monitoring:	Man sample wells	Monitor ID:	162278
Tank Piping:	Unprotected metal	Piping ID:	163500

11

**ORNAMENTAL TROPICAL FISH BREEDERS  
HWY 39 & KNIGHTS GRIFFIN RD  
PLANT CITY, FL**

AST

A100008931  
N/A

AST:

Facility ID:	8943893	Tank ID:	117776
Facility Phone:	8136657578	District Office:	South West District
Facility Type:	Non-retail Business	Facility Status:	OPEN
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	ABOVEGROUND
Substance:	Vehic diesel	Gallons:	500
Tank Status:	In service	Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:	Unknown/not reported	Construction ID:	204431
Petro Monitoring:	Unknown/not reported	Monitor ID:	157293
Tank Piping:	Unknown/not reported	Piping ID:	158198

12

**TERRA ASGROW FLORIDA  
4144 HWY 39 N  
PLANT CITY, FL 33565**

CERC-NFRAP 1000698650  
FINDS FLD006923510  
RCRIS-LQG

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Other	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	01-JAN-79
Assessment:	PRELIMINARY ASSESSMENT	Completed:	01-OCT-84
Assessment:	SITE INSPECTION	Completed:	27-FEB-90

CERCLIS-NFRAP Alias Name(s):

ASGROW FLORIDA COMPANY

RCRIS:

Owner: CHRIS PAPPAS, SAFETY & ENV AFF MGR  
(813) 752-1177

Contact: SIMMIE MCNEAL  
(813) 752-1177

Record Date: 09/29/1993

Classification: Large Quantity Generator, Small Quantity Generator

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRA ASGROW FLORIDA (Continued)**

**1000698650**

Used Oil Recyc: No  
Violation Status: Violations exist

There are 12 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	12/14/1993
	Generator-All Requirements	12/14/1993
	Generator-All Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
	TSD-Other Requirements	12/14/1993
Non-Financial Record Review Compliance Evaluation Inspection (CEI)	Generator-Land Ban Requirements	12/14/1993
	Generator-All Requirements	06/20/1985
	Generator-All Requirements	06/20/1985

12

**VANAVAC INC  
5555 JOE MCINTOSH LOOP  
PLANT CITY, FL 03356**

**UST**

**U001355518  
N/A**

UST:

Facility ID:	8733909	Facility Type:	Non-retail Business
Facility Phone:	8137521391	Facility Status:	CLOSED
Tank ID:	119173	District Office:	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Vehic diesel	Gallons:	550
Tank Status:	Removed	Tank Status Date:	11/30/1988
Install Date:	07/01/1977		
Tank Construction:	Bare/asphalt steel	Construction ID:	206663
Petro Monitoring:	Not required	Monitor ID:	159062
Tank Piping:	Corrosion resist coated	Piping ID:	160063

13

**TEXACO #24-203-1313  
SR 39 & MCGEE RD  
PLANT CITY, FL 03356**

**LUST  
UST**

**U001354007  
N/A**

LUST:

Facility ID:	8521257	Facility District:	Southwest
Region:	STATE	Lat/long:	273016 / 820756
Registered Date:	11/04/85	Facility Type:	Retail Station
Regulation:	Regulated Facility	Facility Status:	Open
Substance:	Other	Gallons discharged:	0
Section:	Not reported		
Township:	Not reported		
Range:	Not reported		
Owner:	STAR ENTERPRISE 333 RESEARCH CT NORCROSS, GA 30092		
Owner Phone:	(770) 453-5480		
Contact:	EDWARD J NELSON		
Operator:	STAR ENTERPRISE		
Facility Phone:	(813) 752-6178		



MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO #24-203-1313 (Continued)

U001354007

Federal Financial Responsibility: Not reported  
 Contamination Tracking Number: 292414  
 Facility Cleanup Status: Ongoing  
 Facility Cleanup Score: 031  
 Facility Cleanup Rank: 04887  
 Contaminated Drinking Wells: 0  
 Contaminated Media: Ground Water  
 Facility Contamination Indicators: Contamination Reported  
 Facility Storage Tank Data On File: No Tanks Registered  
 Owner Address Resulted in Returned Mail: No, Good Owner Address On File  
 Record Type: Contamination Data Records  
 Discharge Date: 12/30/1987  
 Discharge Cleanup Program: Early Detection Initiative  
 Discharge Cleanup Program Lead: Reimbursement  
 DCP Eligibility Status: Eligible  
 DCP Eligibility Status Date: 09/30/1988  
 Discharge Ineligible Reasons: Not reported  
 Chapter 17-770 Cleanup Required: New Cleanup Required  
 Contamination Information Source: EDI  
 Discharge Lead Agency: Local Program

UST:

Facility ID:	8521257	Facility Type:	Retail Station
Facility Phone:	8137526178	Facility Status:	OPEN
Tank ID:	125618	District Office:	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Closed in place	Tank Status Date:	08/31/1988
Install Date:	Not reported		
Tank Construction:	Bare/asphalt steel	Construction ID:	219286
Petro Monitoring:	Man sample wells	Monitor ID:	168070
Tank Piping:	Corrosion resist coated	Piping ID:	169547
Facility ID:	8521257	Facility Type:	Retail Station
Facility Phone:	8137526178	Facility Status:	OPEN
Tank ID:	125619	District Office:	South West District
Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Closed in place	Tank Status Date:	08/31/1988
Install Date:	Not reported		
Tank Construction:	Bare/asphalt steel	Construction ID:	219287
Petro Monitoring:	Man sample wells	Monitor ID:	168071
Tank Piping:	Corrosion resist coated	Piping ID:	169548
Facility ID:	8521257	Facility Type:	Retail Station
Facility Phone:	8137526178	Facility Status:	OPEN
Tank ID:	125620	District Office:	South West District
Tank Name:	3	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Closed in place	Tank Status Date:	08/31/1988
Install Date:	Not reported		
Tank Construction:	Bare/asphalt steel	Construction ID:	219288
Petro Monitoring:	Man sample wells	Monitor ID:	168072
Tank Piping:	Corrosion resist coated	Piping ID:	169549

MAP FINDINGS

Map ID	Direction	Distance	Site	Database(s)	EDR ID Number	EPA ID Number
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**TEXACO #24-203-1313 (Continued)**

**U001354007**

Facility ID: 8521257	Facility Type: Retail Station	
Facility Phone: 8137526178	Facility Status: OPEN	
Tank ID: 125621	District Office: South West District	
Tank Name: 4	Vessel Indicator: TANK	
Compartment: 1	Tank Location: UNDERGROUND	
Substance: Unleaded gas	Gallons: 4000	
Tank Status: Closed in place	Tank Status Date: 08/31/1988	
Install Date: Not reported		
Tank Construction: Bare/asphalt steel	Construction ID: 219289	
Petro Monitoring: Man sample wells	Monitor ID: 168073	
Tank Piping: Corrosion resist coated	Piping ID: 169550	
Facility ID: 8521257	Facility Type: Retail Station	
Facility Phone: 8137526178	Facility Status: OPEN	
Tank ID: 125622	District Office: South West District	
Tank Name: 5	Vessel Indicator: TANK	
Compartment: 1	Tank Location: UNDERGROUND	
Substance: Unleaded gas	Gallons: 10000	
Tank Status: In service	Tank Status Date: Not reported	
Install Date: 08/01/1988		
Tank Construction: Fiberglass	Construction ID: 219290	
Petro Monitoring: Man sample wells	Monitor ID: 168074	
Tank Piping: Piping/flow restrictor	168075	
Fiberglass	Piping ID: 169551	
Pressurized piping	240034	
Dispenser liners	240035	
Facility ID: 8521257	Facility Type: Retail Station	
Facility Phone: 8137526178	Facility Status: OPEN	
Tank ID: 125623	District Office: South West District	
Tank Name: 6	Vessel Indicator: TANK	
Compartment: 1	Tank Location: UNDERGROUND	
Substance: Unleaded gas	Gallons: 10000	
Tank Status: In service	Tank Status Date: Not reported	
Install Date: 08/01/1988		
Tank Construction: Fiberglass	Construction ID: 219291	
Petro Monitoring: Man sample wells	Monitor ID: 168076	
Tank Piping: Piping/flow restrictor	168077	
Pressurized piping	Piping ID: 240036	
Fiberglass	169552	
Dispenser liners	240037	
Facility ID: 8521257	Facility Type: Retail Station	
Facility Phone: 8137526178	Facility Status: OPEN	
Tank ID: 125624	District Office: South West District	
Tank Name: 7	Vessel Indicator: TANK	
Compartment: 1	Tank Location: UNDERGROUND	
Substance: Unleaded gas	Gallons: 10000	
Tank Status: In service	Tank Status Date: Not reported	
Install Date: 08/01/1988		
Tank Construction: Fiberglass	Construction ID: 219292	
Petro Monitoring: Man sample wells	Monitor ID: 168078	
Tank Piping: Piping/flow restrictor	168079	
Fiberglass	Piping ID: 169553	
Pressurized piping	240038	
Dispenser liners	240039	

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
13	<b>TEXACO #242041313</b> <b>SR 39 &amp; MCGEE RD</b> <b>PLANT CITY, FL 32794</b>  RCRIS: Owner: KEN WHITE (407) 875-7600  Contact: KEN WHITE (407) 875-7600  Record Date: 08/01/1990 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found	<b>RCRIS-SQG</b> <b>FINDS</b>	<b>1000701125</b> <b>FLD984172429</b>
14	<b>FARM STORE #361</b> <b>3590 HWY 39</b> <b>PLANT CITY, FL 33166</b>  RCRIS: Owner: AL ARGENTI, DIR MAINT (305) 592-3100  Contact: AL ARGENTI (305) 592-3100  Record Date: 12/19/1990 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found	<b>RCRIS-SQG</b> <b>FINDS</b>	<b>1000701545</b> <b>FLD984185967</b>
15	<b>MARTHA WHITE FOODS INC</b> <b>100 E TERRACE DR</b> <b>PLANT CITY, FL 03356</b>  UST: Facility ID: 8627749 Facility Phone: 8137543596 Tank ID: 119879 Tank Name: 1 Compartment: 1 Substance: Vehic diesel Tank Status: Removed Install Date: 04/01/1973 Tank Construction: Overfill-ball check Unknown/not reported Petro Monitoring: Man sample wells Tank Piping: Fiberglass  Facility ID: 8627749 Facility Phone: 8137543596 Tank ID: 119880 Tank Name: 2 Compartment: 1 Substance: Vehic diesel Tank Status: Removed	<b>UST</b>	<b>U001355261</b> <b>N/A</b>

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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**MARTHA WHITE FOODS INC (Continued)**

U001355261

Install Date:	04/01/1973		
Tank Construction:	Overflow-ball check	Construction ID:	207757
	Unknown/not reported		207758
Petro Monitoring:	Man sample wells	Monitor ID:	159947
Tank Piping:	Fiberglass	Piping ID:	160993

15

**HEMPHILL GROVES INC**  
**208 E TERRACE DR**  
**PLANT CITY, FL 03356**

**LUST**  
**UST**

U001354804  
N/A

LUST:

Facility ID:	8625595	Facility District:	Southwest
Region:	STATE	Lat/long:	280440 / 820558
Registered Date:	05/22/86	Facility Type:	Agricultural
Regulation:	Regulated Facility	Facility Status:	Closed
Substance:	Unknown/NotReported	Gallons discharged:	0
Section:	017		
Township:	28S		
Range:	22E		
Owner:	HEMPHILL GROVES INC PO BOX 875 PLANT CITY, FL 33564 - 0875		
Owner Phone:	(813) 752-3568		
Contact:	MARLENE GRIFFIS		
Operator:	HEMPHILL GROVES, INC.		
Facility Phone:	(813) 752-3568		
Federal Financial Responsibility:	Not reported		
Contamination Tracking Number:	Not reported		
Facility Cleanup Status:	Completed		
Facility Cleanup Score:	000 (LOW)		
Facility Cleanup Rank:	00000		
Contaminated Drinking Wells:	0		
Contaminated Media:	Not reported		
Facility Contamination Indicators:	Contamination Reported		
Facility Storage Tank Data On File:	No Tanks Registered		
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File		
Record Type:	Contamination Data Records		
Discharge Date:	11/04/1994		
Discharge Cleanup Program:	Abandoned Tank Restoration Program		
Discharge Cleanup Program Lead:	State		
DCP Eligibility Status:	Ineligible		
DCP Eligibility Status Date:	12/16/1994		
Discharge Ineligible Reasons:	Operating After 3/90 No Contamination		
Chapter 17-770 Cleanup Required:	Not reported		
Contamination Information Source:	Abandoned Tank Restoration		
Discharge Lead Agency:	Local Program		

Facility ID:	8625595	Facility District:	Southwest
Region:	STATE	Lat/long:	280440 / 820558
Registered Date:	05/22/86	Facility Type:	Agricultural
Regulation:	Regulated Facility	Facility Status:	Closed
Substance:	Unknown/NotReported	Gallons discharged:	0
Section:	017		
Township:	28S		
Range:	22E		
Owner:	HEMPHILL GROVES INC PO BOX 875 PLANT CITY, FL 33564 - 0875		

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**HEMPHILL GROVES INC (Continued)**

**U001354804**

Owner Phone: (813) 752-3568  
 Contact: MARLENE GRIFFIS  
 Operator: HEMPHILL GROVES, INC.  
 Facility Phone: (813) 752-3568  
 Federal Financial Responsibility: Not reported  
 Contamination Tracking Number: Not reported  
 Facility Cleanup Status: Completed  
 Facility Cleanup Score: 000 (LOW)  
 Facility Cleanup Rank: 00000  
 Contaminated Drinking Wells: 0  
 Contaminated Media: Not reported  
 Facility Contamination Indicators: Contamination Reported  
 Facility Storage Tank Data On File: No Tanks Registered  
 Owner Address Resulted in Returned Mail: No, Good Owner Address On File  
 Record Type: Contamination Data Records  
 Discharge Date: 06/19/1995  
 Discharge Cleanup Program: Abandoned Tank Restoration Program  
 Discharge Cleanup Program Lead: Reimbursement  
 DCP Eligibility Status: Ineligible  
 DCP Eligibility Status Date: 09/29/1995  
 Discharge Ineligible Reasons: Operating After 3/90  
 No Contamination  
 Chapter 17-770 Cleanup Required: Combined Cleanup Required  
 Contamination Information Source: Closure Report  
 Discharge Lead Agency: Local Program

**UST:**

Facility ID:	8625595	Facility Type:	Agricultural
Facility Phone:	8137523568	Facility Status:	CLOSED
Tank ID:	121831	District Office:	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Vehic diesel	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	06/12/1995
Install Date:	04/01/1984		
Tank Construction:	Bare/asphalt steel	Construction ID:	211175
Petro Monitoring:	Man sample wells	Monitor ID:	162456
Tank Piping:	Corrosion resist coated	Piping ID:	163702
Facility ID:	8625595	Facility Type:	Agricultural
Facility Phone:	8137523568	Facility Status:	CLOSED
Tank ID:	121832	District Office:	South West District
Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Leaded gas	Gallons:	2000
Tank Status:	Removed	Tank Status Date:	06/12/1995
Install Date:	04/01/1984		
Tank Construction:	Bare/asphalt steel	Construction ID:	211176
Petro Monitoring:	Man sample wells	Monitor ID:	162457
Tank Piping:	Corrosion resist coated	Piping ID:	163703

16

**TAMPA LAKELAND REFRIGERATED**  
 302 N FRONTAGE RD  
 PLANT CITY, FL 34289

RCRIS-SQG 1000344829  
 FINDS FLD982075806

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
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**TAMPA LAKELAND REFRIGERATED (Continued)**

**1000344829**

RCRIS:  
 Owner: KEN HENRY  
           (813) 754-9341  
 Contact: KEN HENRY  
           (813) 754-9341  
 Record Date: 03/09/1989  
 Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 Violation Status: No violations found

**16 AMERICAN BANK STATIONERY COMPA  
 404 N FRONTAGE RD  
 PLANT CITY, FL 33566**

**RCRIS-SQG 1000359140  
 FINDS FLD094592896**

RCRIS:  
 Owner: JAMES BROCK, PLANT MANAGER  
           (813) 754-2647  
 Contact: JAMES BROCK  
           (813) 754-2647  
 Record Date: 07/13/1987  
 Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 Violation Status: No violations found

**16 PRESCO FOOD STORE #23  
 4901 HWY 39 N  
 PLANT CITY, FL 03356**

**LUST U001354284  
 UST N/A**

LUST:  
 Facility ID: 8625041                      Facility District: Southwest  
 Region: STATE                              Lat/long: 280434 / 820743  
 Registered Date: 05/08/86                Facility Type: Retail Station  
 Regulation: Regulated Facility            Facility Status: Open  
 Substance: Unleaded Gas                 Gallons discharged: 0  
 Section: 006  
 Township: 28S  
 Range: 22E  
 Owner: PATEL, JAYESH V  
           4901 PAUL BUCHMAN HWY N  
           PLANT CITY, FL 33565  
 Owner Phone: Not reported  
 Contact: JAYESH PATEL  
 Operator: JAYESH V PATEL  
 Facility Phone: (813) 754-5547  
 Federal Financial Responsibility: Not reported  
 Contamination Tracking Number: 298982  
 Facility Cleanup Status: Ongoing  
 Facility Cleanup Score: 026 (LOW)  
 Facility Cleanup Rank: 06294  
 Contaminated Drinking Wells: 0  
 Contaminated Media: Ground Water

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRESCO FOOD STORE #23 (Continued)**

**U001354284**

Facility Contamination Indicators:	Contamination Reported
Facility Storage Tank Data On File:	No Tanks Registered
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File
Record Type:	Contamination Data Records
Discharge Date:	12/01/1988
Discharge Cleanup Program:	Early Detection Initiative
Discharge Cleanup Program Lead:	State
DCP Eligibility Status:	Eligible
DCP Eligibility Status Date:	05/07/1990
Discharge Ineligible Reasons:	Not reported
Chapter 17-770 Cleanup Required:	New Cleanup Required
Contamination Information Source:	EDI
Discharge Lead Agency:	Local Program

**UST:**

Facility ID:	8625041	Facility Type:	Retail Station
Facility Phone:	8137545547	Facility Status:	OPEN
Tank ID:	124009	District Office:	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	08/01/1983		
Tank Construction:	Overfill-ball check	Construction ID:	216015
	Bare/asphalt steel		216016
	Spill containment		216017
	Op-tight fill		216018
Petro Monitoring:	Man sample wells	Monitor ID:	165723
Tank Piping:	Unprotected metal	Piping ID:	167169
	Pressurized piping		167170

Facility ID:	8625041	Facility Type:	Retail Station
Facility Phone:	8137545547	Facility Status:	OPEN
Tank ID:	124010	District Office:	South West District
Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	08/01/1983		
Tank Construction:	Overfill-ball check	Construction ID:	216019
	Bare/asphalt steel		216020
	Op-tight fill		216022
	Spill containment		216021
Petro Monitoring:	Man sample wells	Monitor ID:	165724
Tank Piping:	Unprotected metal	Piping ID:	167171
	Pressurized piping		167172

17

**CIRCLE M #1  
2009 N WHEELER ST  
PLANT CITY, FL 03356**

**LUST  
UST**

**U001354337  
N/A**

**LUST:**

Facility ID:	8625097	Facility District:	Southwest
Region:	STATE	Lat/long:	280200 / 820730
Registered Date:	05/08/86	Facility Type:	Retail Station
Regulation:	Regulated Facility	Facility Status:	Open
Substance:	Unknown/NotReported	Gallons discharged:	0
Section:	020		
Township:	28S		

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE M #1 (Continued)**

**U001354337**

Range:	22E		
Owner:	J A MILES OIL CO INC PO BOX M PLANT CITY, FL 34289 - 9008		
Owner Phone:	(813) 752-4133		
Contact:	LARRY LIGGETT		
Operator:	KATHY DOUGLASS		
Facility Phone:	(813) 752-4133		
Federal Financial Responsibility:	Not reported		
Contamination Tracking Number:	297363		
Facility Cleanup Status:	Ongoing		
Facility Cleanup Score:	028 (LOW)		
Facility Cleanup Rank:	05943		
Contaminated Drinking Wells:	0		
Contaminated Media:	Soil, Ground Water		
Facility Contamination Indicators:	Contamination Reported		
Facility Storage Tank Data On File:	No Tanks Registered		
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File		
Record Type:	Contamination Data Records		
Discharge Date:	12/19/1988		
Discharge Cleanup Program:	Early Detection Initiative		
Discharge Cleanup Program Lead:	Reimbursement		
DCP Eligibility Status:	Eligible		
DCP Eligibility Status Date:	06/17/1992		
Discharge Ineligible Reasons:	Not reported		
Chapter 17-770 Cleanup Required:	New Cleanup Required		
Contamination Information Source:	EDI		
Discharge Lead Agency:	Local Program		
Facility ID:	8625097	Facility District:	Southwest
Region:	STATE	Lat/long:	280200 / 820730
Registered Date:	05/08/86	Facility Type:	Retail Station
Regulation:	Regulated Facility	Facility Status:	Open
Substance:	Vehicular Diesel	Gallons discharged:	100
Section:	020		
Township:	28S		
Range:	22E		
Owner:	J A MILES OIL CO INC PO BOX M PLANT CITY, FL 34289 - 9008		
Owner Phone:	(813) 752-4133		
Contact:	LARRY LIGGETT		
Operator:	KATHY DOUGLASS		
Facility Phone:	(813) 752-4133		
Federal Financial Responsibility:	Not reported		
Contamination Tracking Number:	297363		
Facility Cleanup Status:	Ongoing		
Facility Cleanup Score:	028 (LOW)		
Facility Cleanup Rank:	05943		
Contaminated Drinking Wells:	0		
Contaminated Media:	Soil, Ground Water		
Facility Contamination Indicators:	Contamination Reported		
Facility Storage Tank Data On File:	No Tanks Registered		
Owner Address Resulted in Returned Mail:	No, Good Owner Address On File		
Record Type:	Contamination Data Records		
Discharge Date:	06/03/1993		
Discharge Cleanup Program:	Petroleum Liability Insurance and Restoration Program		



MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCLE M #1 (Continued)**

**U001354337**

Discharge Cleanup Program Lead:	Reimbursement
DCP Eligibility Status:	Ineligible
DCP Eligibility Status Date:	02/28/1994
Discharge Ineligible Reasons:	Not Petroleum Storage System Other
Chapter 17-770 Cleanup Required:	Not reported
Contamination Information Source:	Discharge Notification
Discharge Lead Agency:	Not reported

UST:

Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	123777	District Office	South West District
Tank Name:	1	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	09/01/1994
Install Date:	Not reported		
Tank Construction:	Overfill-ball check Bare/asphalt steel	Construction ID:	215559 215560
Petro Monitoring:	Man sample wells	Monitor ID:	165386
Tank Piping:	Unprotected metal	Piping ID:	166840

Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	123778	District Office	South West District
Tank Name:	2	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	09/01/1994
Install Date:	Not reported		
Tank Construction:	Overfill-ball check Bare/asphalt steel	Construction ID:	215561 215562
Petro Monitoring:	Man sample wells	Monitor ID:	165387
Tank Piping:	Unprotected metal	Piping ID:	166841

Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	123779	District Office	South West District
Tank Name:	3	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	09/01/1994
Install Date:	Not reported		
Tank Construction:	Overfill-ball check Bare/asphalt steel	Construction ID:	215563 215564
Petro Monitoring:	Man sample wells	Monitor ID:	165388
Tank Piping:	Unprotected metal	Piping ID:	166842

Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	123780	District Office	South West District
Tank Name:	4	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	09/01/1994
Install Date:	Not reported		
Tank Construction:	Overfill-ball check	Construction ID:	215565

MAP FINDINGS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
<b>CIRCLE M #1 (Continued)</b>		<b>U001354337</b>	
	Bare/asphalt steel		215566
Petro Monitoring:	Man sample wells	Monitor ID:	165389
Tank Piping:	Unprotected metal	Piping ID:	166843
Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	123781	District Office	South West District
Tank Name:	5	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	4000
Tank Status:	Removed	Tank Status Date:	09/01/1994
Install Date:	Not reported		
Tank Construction:	Overfill-ball check	Construction ID:	215567
	Bare/asphalt steel		215568
Petro Monitoring:	Man sample wells	Monitor ID:	165390
Tank Piping:	Unprotected metal	Piping ID:	166844
Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	150595	District Office	South West District
Tank Name:	6	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	07/01/1994
Install Date:	07/01/1994		
Tank Construction:	Bare/asphalt steel	Construction ID:	270028
	Op-flow shut off		270031
	Op-tight fill		270030
	Overfill-ball check		270029
Petro Monitoring:	Double walled tank space	Monitor ID:	205745
	Double Walled piping space		205748
	Auto tank gauging		205747
	Piping/flow restrictor		205746
Tank Piping:	approved synthetic material	Piping ID:	209404
	Double walled=primary material		209405
	Pressurized piping		209406
	Dispenser liners		209407
Facility ID:	8625097	Facility Type:	Retail Station
Facility Phone:	8137524133	Facility Status:	OPEN
Tank ID:	150596	District Office	South West District
Tank Name:	7	Vessel Indicator:	TANK
Compartment:	1	Tank Location:	UNDERGROUND
Substance:	Unleaded gas	Gallons:	8000
Tank Status:	In service	Tank Status Date:	07/01/1994
Install Date:	07/01/1994		
Tank Construction:	Bare/asphalt steel	Construction ID:	270032
	Op-tight fill		270034
	Overfill-ball check		270033
	Double walled=2nd material		270035
Petro Monitoring:	Double walled tank space	Monitor ID:	205749
	Auto tank gauging		205751
	Piping/flow restrictor		205750
	Double Walled piping space		205752
Tank Piping:	Double walled=primary material	Piping ID:	209408
	Dispenser liners		209411
	Pressurized piping		209410

MAP FINDINGS

Map ID  
Direction  
Distance

Site

Database(s)      EDR ID Number  
EPA ID Number

**CIRCLE M #1 (Continued)**

**U001354337**

<p style="text-align: center;">approved synthetic material</p> <p>Facility ID: 8625097 Facility Phone: 8137524133 Tank ID: 150597 Tank Name: 8 Compartment: 1 Substance: Unleaded gas Tank Status: In service Install Date: 07/01/1994 Tank Construction: Overfill-ball check Double walled=2nd material Op-tight fill Bare/asphalt steel Petro Monitoring: Double walled tank space Double Walled piping space Auto tank gauging Piping/flow restrictor Tank Piping: approved synthetic material Double walled=primary material Pressurized piping Dispenser liners</p>	<p style="text-align: right;">209409</p> <p>Facility Type: Retail Station Facility Status: OPEN District Office: South West District Vessel Indicator: TANK Tank Location: UNDERGROUND Gallons: 8000 Tank Status Date: 07/01/1994 Construction ID: 270036 270039 270038 270037 Monitor ID: 205753 205756 205755 205754 Piping ID: 209412 209413 209414 209415</p>
<p>Facility ID: 8625097 Facility Phone: 8137524133 Tank ID: 153609 Tank Name: 9 Compartment: 1 Substance: Waste oil Tank Status: Removed Install Date: Not reported Tank Construction: Bare/asphalt steel Petro Monitoring: Unknown/not reported Tank Piping: Unknown/not reported</p>	<p style="text-align: right;">279343 212721 217658</p> <p>Facility Type: Retail Station Facility Status: OPEN District Office: South West District Vessel Indicator: TANK Tank Location: UNDERGROUND Gallons: 500 Tank Status Date: 09/01/1994 Construction ID: 279343 Monitor ID: 212721 Piping ID: 217658</p>

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**IMC FERTILIZER INC URANIUM RECOVERY  
HWY 39 & HILLSBOROUGH  
PLANT CITY, FL 33566**

**FINDS**

**1000498757  
FLD984179291**

## ORPH. SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
HASTINGS	1000698299	ASGROW FLORIDA CO	HWY 207 EAST/PO BOX 368	33566	RCRIS-SQG, FINDS	
PLANT CIT	S102653315	RINKER MATERIALS CORPORATION	2680 HWY 92 EAST	33566	FL WW	FLA012542
PLANT CITY	S102653225	BF-USB,INC.(ALISON'S COOKIES)	2615 HWY. 92 EAST	33566	FL WW	FLA012332
PLANT CITY	1000418668	CF IND INC	10609 HWY 39 N	33566	RCRIS-SQG, FINDS, TRIS	
PLANT CITY	1000361443	FLORIDA AGGLITE CORP	HWY 39 S	33566	CERC-NFRAP, FINDS	
PLANT CITY	U001356155	UNCLE NED'S	10625 SR 39 N	33565	LUST, UST	9046761
PLANT CITY	1000382035	F D MESSICK	RT 4 BOX 1078	33566	RCRIS-SQG, FINDS	
PLANT CITY	S102847005	PARKWOOD ESTATES MOBILE HOME PARK	4000 HIGHWAY 92 EAST	33566	FL WW	FLA012232
PLANT CITY	1000735989	TEXACO #203-1312	703 ALEXANDER ST	33566	LUST, UST	8625402
PLANT CITY	S102849322	FL DEPT OF TRANSPORTATION PROPERTY SHE	2551 CNTY LINE RD	33566	LUST	8625106
PLANT CITY	S102849321	FL DEPT OF TRANSPORTATION PROPERTY SHE	2551 CNTY LINE RD	33566	LUST	8625106
PLANT CITY	U001356028	MCGINNES LUMBER CO	402 EVERS ST	33566	LUST, UST	8944505
PLANT CITY	S101264761	CSX TRANSPORTATION INC-GREEN'S FUEL	GORDON ST S OF BAKER	33566	AST, LUST	9101414
PLANT CITY	1000186518	WALDEN WOODS DRY CLEANER	2304 JAMES REDMAN PKWY	33566	RCRIS-SQG, FINDS, DRYCLN	9500433
PLANT CITY	S103120294	PLAZA CLEANERS (FORMERLY)	1858 JIM REDMAN PKY	33566	DRYCLN	9500222
PLANT CITY	U001355601	HILLSBOROUGH CNTY SCHOOL BD-MAINTEN IV	NEW AIRPORT RD	33566	LUST, UST	8736491
PLANT CITY	1001213224	AUTONATION USA RECON CENTER	2412 WILLAMETTE DR	33566	RCRIS-SQG	
ZEPHYRHILLS	U001368177	ZEPHYRHILLS CITY-MUNICIPAL AIRPORT	39421 & 39400 SOUTH AVE	33540	LUST, UST	8626627
ZEPHYRHILLS	U001368012	AMOCO #71	37959 CR 54	33541	LUST, UST	8519737
ZEPHYRHILLS	1000502702	DIANES AMOCO	37959 SR 54	33541	RCRIS-SQG, FINDS	
ZEPHYRHILLS	1001086142	ZEPHYR AIRCRAFT ENG	39320 AVE B	33540	RCRIS-SQG	
ZEPHYRHILLS	1000821932	UST CORROSION ENGINEERS	3670 GEIGER RD	33541	FINDS, RCRIS-LQG	
ZEPHYRHILLS	1000931989	PLAZA METEIRAL CORP	41150 YONKERS BLVD	33540	FL WW, FINDS	FLA012848

# 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.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM RECORDS:

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

Source: EPA

Telephone: 703-413-0223

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: 08/27/98

Date of Data Arrival at EDR: 09/03/98

Date Made Active at EDR: 10/06/98

Elapsed ASTM days: 33

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/27/98

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

Source: EPA/NTIS

Telephone: 202-260-2342

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

Date of Government Version: 06/30/98

Date of Data Arrival at EDR: 07/14/98

Date Made Active at EDR: 07/20/98

Elapsed ASTM days: 6

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/10/98

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

Source: EPA

Telephone: 703-603-8852

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).

Date of Government Version: 03/06/98

Date of Data Arrival at EDR: 06/09/98

Date Made Active at EDR: 07/09/98

Elapsed ASTM days: 30

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/21/98

### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 07/01/98

Date of Data Arrival at EDR: 08/27/98

Date Made Active at EDR: 10/06/98

Elapsed ASTM days: 40

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/14/98

### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/97

Date of Data Arrival at EDR: 01/05/98

Date Made Active at EDR: 02/02/98

Elapsed ASTM days: 28

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/14/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

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: 12/31/95  
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/22/98  
Date of Next Scheduled EDR Contact: 12/21/98

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

Source: EPA Regional Offices  
Telephone: Varies

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: Varies  
Database Release Frequency: Varies

Date of Last EDR Contact: Varies  
Date of Next Scheduled EDR Contact: N/A

### **FINDS:** Facility Index System

Source: EPA/NTIS  
Telephone: 703-908-2493

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

Date of Government Version: 04/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/19/98  
Date of Next Scheduled EDR Contact: 12/21/98

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

Source: U.S. Department of Transportation  
Telephone: 202-366-4526

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

Date of Government Version: 12/31/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/22/98  
Date of Next Scheduled EDR Contact: 10/26/98

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

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 07/28/98  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98  
Date of Next Scheduled EDR Contact: 10/12/98

### **NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/28/98  
Date of Next Scheduled EDR Contact: 11/23/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

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: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/98

Date of Next Scheduled EDR Contact: 11/16/98

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

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: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/14/98

Date of Next Scheduled EDR Contact: 12/14/98

**ROD: Records Of Decision**

Source: NTIS

Telephone: 703-416-0223

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: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 09/03/98

Date of Next Scheduled EDR Contact: 11/30/98

**TRIS: Toxic Chemical Release Inventory System**

Source: EPA/NTIS

Telephone: 202-260-1531

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: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 09/28/98

Date of Next Scheduled EDR Contact: 12/28/98

**TSCA: Toxic Substances Control Act**

Source: EPA/NTIS

Telephone: 202-260-1444

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. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 12/31/94

Database Release Frequency: Annually

Date of Last EDR Contact: 07/22/98

Date of Next Scheduled EDR Contact: 10/26/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF FLORIDA ASTM RECORDS:

### LUST: PCT01 - Petroleum Contamination Detail Report

Source: Department of Environmental Protection  
Telephone: 904-922-7121

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: 11/06/97  
Date Made Active at EDR: 04/13/98  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/16/98  
Elapsed ASTM days: 28  
Date of Last EDR Contact: 08/12/98

### SHWS: Florida's State-Funded Action Sites

Source: Department of Environmental Protection  
Telephone: 904-488-0190

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: 04/09/98  
Date Made Active at EDR: 09/10/98  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/10/98  
Elapsed ASTM days: 31  
Date of Last EDR Contact: 09/22/98

### LF: Solid Waste Facility Database

Source: Department of Environmental Protection  
Telephone: 904-922-7121

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: 07/01/98  
Date Made Active at EDR: 10/09/98  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/27/98  
Elapsed ASTM days: 74  
Date of Last EDR Contact: 07/27/98

### UST: STI02 - Facility/Owner/Tank Report

Source: Department of Environmental Protection  
Telephone: 904-922-7121

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: 01/31/98  
Date Made Active at EDR: 07/30/98  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/01/98  
Elapsed ASTM days: 29  
Date of Last EDR Contact: 08/12/98

## STATE OF FLORIDA NON-ASTM RECORDS:

### AST: STI02 - Facility/Owner/Tank Report

Source: Department of Environmental Protection  
Telephone: 904-922-7121

Registered Aboveground Storage Tanks.

Date of Government Version: 01/31/98  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/12/98  
Date of Next Scheduled EDR Contact: 12/07/98

### CATTLE DIPPING VATS: Cattle Dipping Vats

Source: Department of Environmental Protection  
Telephone: 904-488-3601

Date of Government Version: 05/01/94  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/17/98  
Date of Next Scheduled EDR Contact: 11/16/98



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**DRYCLN: Florida Dry Clean**

Source: Department of Environmental Protection  
Telephone: 850-922-7121

Date of Government Version: 05/29/98  
Database Release Frequency: N/A

Date of Last EDR Contact: 08/31/98  
Date of Next Scheduled EDR Contact: 11/30/98

**FL SITES: Sites List**

Source: Department of Environmental Protection  
Telephone: 904-922-7121

Date of Government Version: 12/31/89  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/24/94  
Date of Next Scheduled EDR Contact: N/A

**WW: Wastewater Facility Regulation Database**

Source: Department of Environmental Protection  
Telephone: 904-922-7121  
Domestic and industrial wastewater facilities.

Date of Government Version: 05/01/98  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/98  
Date of Next Scheduled EDR Contact: 12/14/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FLORIDA COUNTY RECORDS

### ALACHUA COUNTY:

#### Facility List

Source: Alachua County Environmental Protection Department  
Telephone: 352-955-2442  
List of all regulated facilities in Alachua County.

Date of Government Version: 02/04/98  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/31/98  
Date of Next Scheduled EDR Contact: 11/30/98

### DADE COUNTY:

#### Dade County Storage Tanks

Source: Department of Environmental Resource Management  
Telephone: 305-372-6755

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

#### Dade County Enforcement Case Tracking System

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

#### Dade County Industrial Waste Type 2-4

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Facilities which generate, dispose of, store, use, discharge, handle or reclaim any liquid waste other than domestic sewage, any hazardous waste or any hazardous material (except factory prepackaged products intended primarily for domestic use or consumption).

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

#### Dade County Industrial Waste Type 5

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Facilities that generate a small amount of waste.

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

#### Industrial Waste Type 6

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Facilities that are located within a wellfield protection area that do not generate waste.

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

#### Dade County Industrial Waste Permit

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

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: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Dade County Air Permit

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Date of Government Version: 06/30/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

## Dade County Fuel Spill Cases

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

## Hazardous Waste Dade County

Source: Dade County Department of Environmental Resources Management  
Telephone: 305-372-6755

Sites with the potential to generate waste

Date of Government Version: 04/27/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

## BROWARD COUNTY:

### Broward County Storage Tanks

Source: Department of Natural Resources Protection  
Telephone: 305-519-1251

Date of Government Version: 07/01/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/98  
Date of Next Scheduled EDR Contact: 12/07/98

### Early Detection Incentive, Environmental Assessment Remediation

Source: Broward County Department of Natural Resources Protection  
Telephone: 954-519-1292

Contaminated sites.

Date of Government Version: 07/01/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/98  
Date of Next Scheduled EDR Contact: 12/07/98

### Hazmat

Source: Department of Natural Resources Protection  
Telephone: 305-519-1251

HM sites use or store greater than 25 gallons of hazardous materials per month.

Date of Government Version: 07/01/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/98  
Date of Next Scheduled EDR Contact: 12/07/98

### Notice Of Violation

Source: Department of Natural Resources Protection  
Telephone: 305-519-1251

NOV facilities have received a notice of violation letter under the Broward County Chapter 27 Code.

Date of Government Version: 07/01/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/98  
Date of Next Scheduled EDR Contact: 12/07/98

### Inventory Report on Contaminated Locations in Broward County

Source: Broward County Department of Natural Resources Protection  
Telephone: 954-519-1249

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: 08/01/97  
Database Release Frequency: N/A

Date of Last EDR Contact: 07/20/98  
Date of Next Scheduled EDR Contact: 10/19/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ESCAMBIA COUNTY:

### Facility/Owner/Tank/Contamination Information Report

Source: Environmental Health Services  
Telephone: 850-595-6700

Date of Government Version: 08/08/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

### Facility/Owner/Tank/Contamination Information Report

Source: Environmental Health Services  
Telephone: 850-595-6700

Date of Government Version: 08/08/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/27/98  
Date of Next Scheduled EDR Contact: 11/02/98

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Historical and 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.

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

## Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

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: 03/06/98

Date Made Active at EDR: 07/09/98

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/09/98

Elapsed ASTM days: 30

Date of Last EDR Contact: 09/28/98

### NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/27/98

Date Made Active at EDR: 10/03/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/03/98

Elapsed ASTM days: 30

Date of Last EDR Contact: 08/27/98

### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**EPA Radon Zones:** Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

**Oil/Gas Pipelines/Electrical Transmission Lines:** 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 and electrical transmission lines.

**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.

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1996 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 March 1997 from the U.S. Fish and Wildlife Service.

**Epicenters:** World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**Water Dams:** National Inventory of Dams  
Source: Federal Emergency Management Agency  
Telephone: 202-646-2801  
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

**Florida Wetlands Data:** This data was obtained by EDR from the National Wetlands Inventory (NWI) of U.S. Fish & Wildlife Service in 1994. Data depicts wetland areas as defined by NWI.

**Florida Water Well and Sample Database**  
Source: FL Department of Environmental Protection, Groundwater Quality Monitoring

**Florida St. Johns River District Well Data**  
Source: St. Johns River Water Management District  
Telephone: 904-329-4500

**Florida Southwest District Water Use Data**  
Source: Southwest Water Management District  
Telephone: 904-796-7211

**Florida Well Construction Permitting System:** Water Well Locations in Northwest Florida Water Management District  
Source: Northwest Florida Water Management District  
Telephone: 904-539-5999

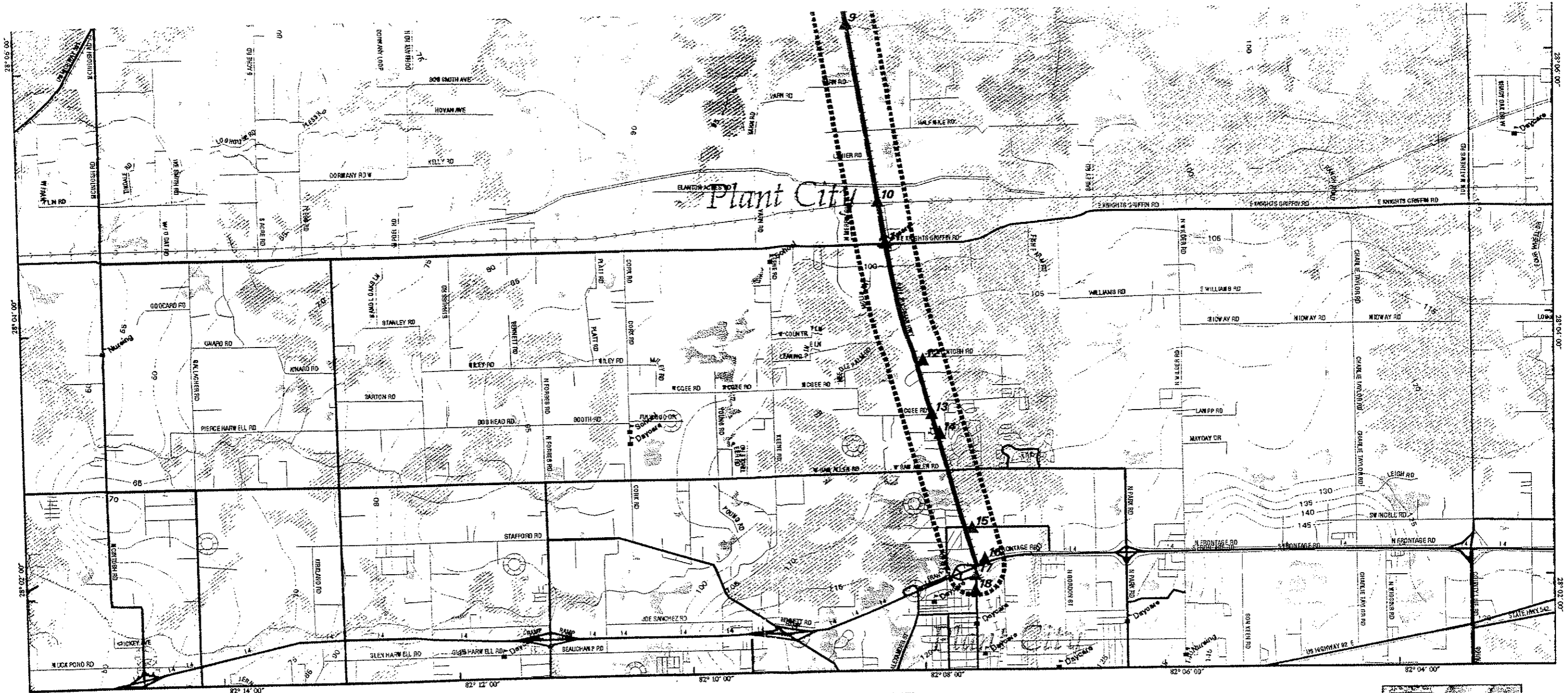
**Florida Sinkholes**  
Source: Department of Environmental Protection, Geological Survey  
The sinkhole data was gathered by the Florida Sinkhole Research Institute, University of Florida.

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

**Disclaimer**

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

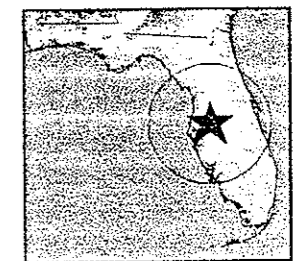
**No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.**



**EDR** Environmental  
Data  
Resources, Inc.

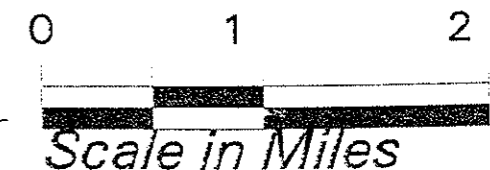
1-800-352-0050

# Study Area For S.R. 39 Corridor

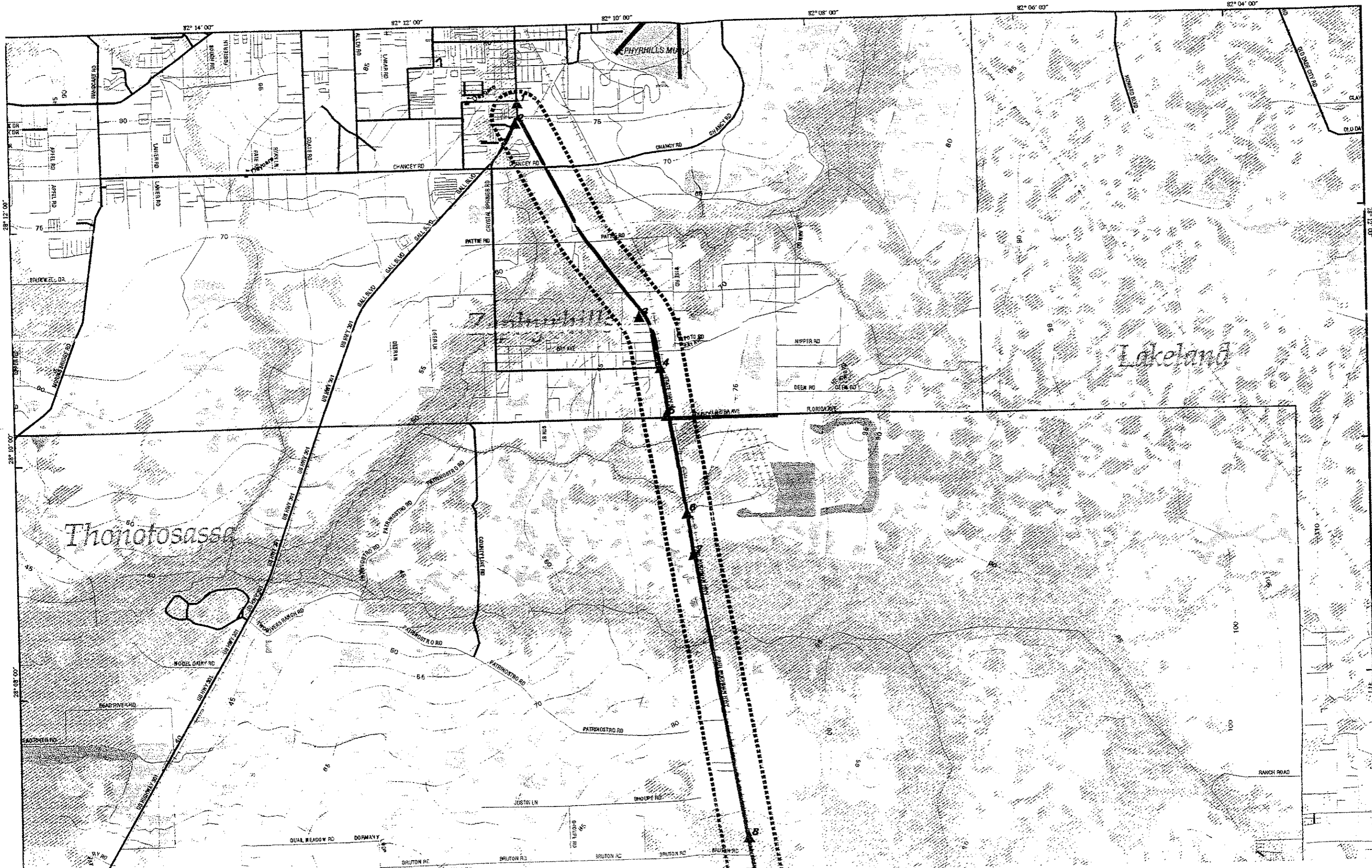


Plant City, FL

- |   |                     |               |                    |          |
|---|---------------------|---------------|--------------------|----------|
| Listed Sites                                    | Study Area Boundary | Railroads     | Fault Lines        | Wetlands |
| Earthquake Epicenters<br>(Richter 5 or greater) | Roads               | Contour Lines | Water              |          |
| Sinkholes                                       | Major Roads         | Pipelines     | Superfund Sites    |          |
|   | Waterways           | Powerlines    | 100-Yr Flood Zones |          |







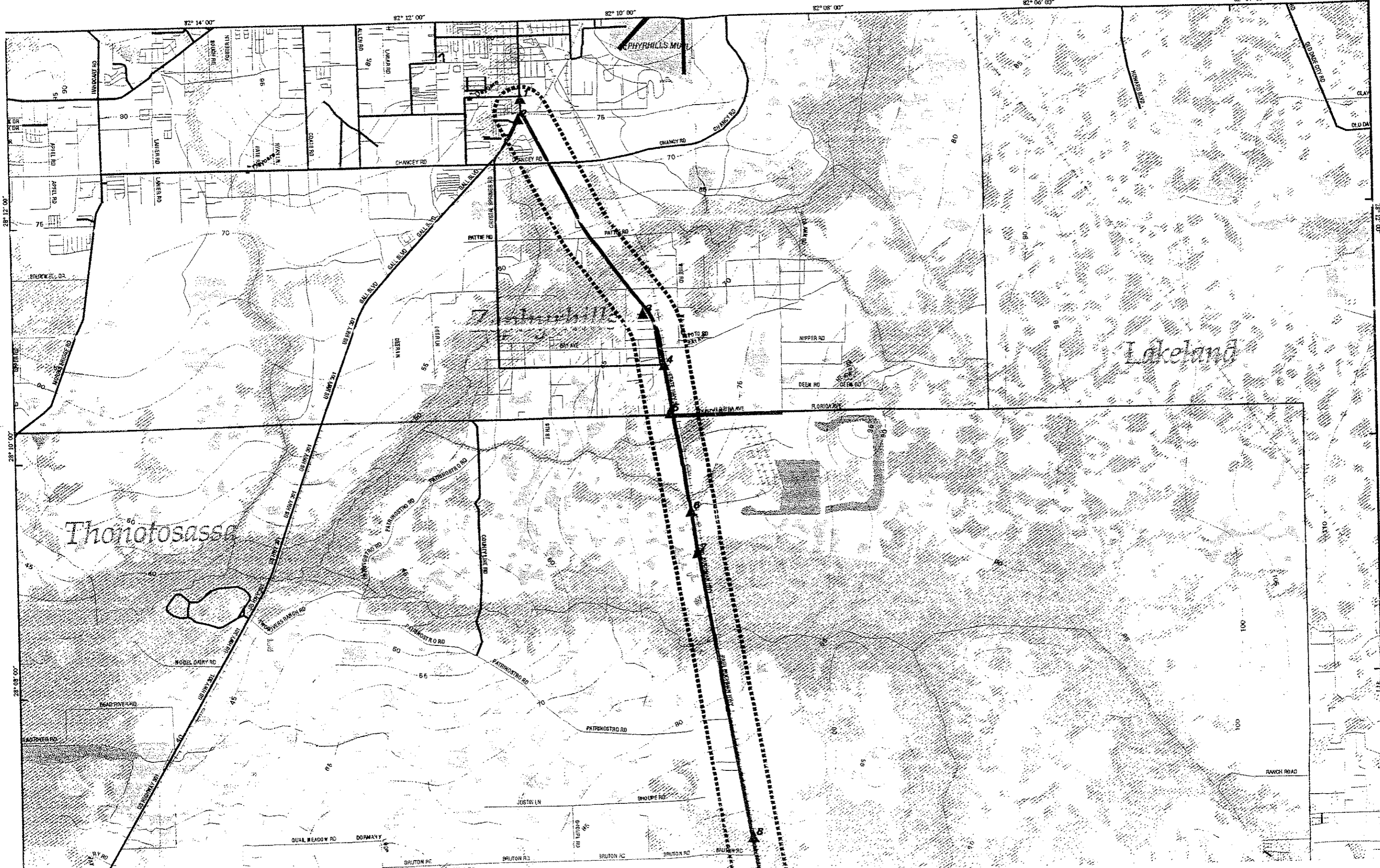
82° 14' 00" 82° 12' 00" 82° 10' 00" 82° 08' 00" 82° 06' 00" 82° 04' 00"

28° 12' 00" 28° 10' 00" 28° 08' 00"

28° 12' 00" 28° 10' 00" 28° 08' 00"

Thonotosassa

Lakeland



APPENDIX  
D

If yes to 9, check one:

Facility # \_\_\_\_\_

Date 5/21/92

Lab Analysis indicates 944.1 ug/L Total Volatil Organics  
c. Monitoring wells are contaminated but contain no free product (vapors only).

d. Soil contamination and/or recent product loss.

Check one:

10. Contamination Product Type

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

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

c. Unknown or other \_\_\_\_\_

Check those that apply: SWFWMD LIST 12 DOMESTIC WELLS IN Sec 19, TWP 27S, R22E

11. Potable water

a. Within 1/2 mile: Large wells >100,000 gpd

1. Indicate direction: \_\_\_\_\_

2. Estimate distance: \_\_\_\_\_

b. Within 1/4 mile: small wells <100,000 gpd

1. Indicate direction: \_\_\_\_\_

2. Estimate distance: \_\_\_\_\_

c. Surface water body used as a public water system.

12. Indicate below proximity to population centers: (restaurant, shopping center, house, etc.)

a. < 500 feet: Indicate distance: 25 Feet To Restaurant

b. > 500 feet: Estimate distance: \_\_\_\_\_

Please indicate how the site scoring and ranking information was determined. \_\_\_\_\_

Comments: Lab analysis indicates 944.1 ug/L Volatil Organic Aromatics  
SWFWMD List 12 Domestic Wells in Sec 19, Twp 27S, R22E

Raymond H. Dallon

Compliance Inspector

5/5/92

Inspection Date

DER District: Hillsborough County

(or) Local Program: EPC-29

START: 12:10  
FINISH: 2:18

## Pollutant Storage Tank System Inspection Report Form

Facility ID #: <u>299046761</u>	County: <u>Hillsborough</u>
Facility Name: <u>UNCLE NED'S BBQ</u>	
Facility Location: <u>10625 S.R. 39 NORTH, Plant City Fla. 33565</u>	
Facility Contact: <u>Joanna Sallisbury</u>	Phone: <u>782-5966</u>
Owner: <u>Joanna Sallisbury</u>	Phone: <u>782-5966</u>
Owner Address: <u>10625 SR 39 North, Plant City, Fla 33565</u>	
Owner Contact: <u>Joanna Sallisbury</u>	Owner Change Date: <u>N/A</u>
Latitude: <u>28:09:30</u>	Longitude: <u>82:09:60</u> Fac. Type: <u>A</u>

Tank #	Size	Contents	Date Installed	Under or Above	Tank Type	Integral Piping	Monitoring System	Tank Status
1	2000	B	XX/XX	U	C	B	X	B
2	5000	B	XX/XX	U	C	B	X	B

Comments: Removal of 1-2000gal & 1-5,000gal Single-walled Steel Vehicular gasoline Tanks, All lines capped & Tanks condition; slight rust only. Highest OVA "FID" readings 960ppm between Tank excavation and dispenser island at a 4ft. depth. No free product encountered. Depth to ground 8ft. Temporary water well to be installed for ground sampling. 602 lab analysis to be performed.

<p>Inspection Type: (Choose One)</p> <p><input checked="" type="checkbox"/> Routine      <input type="checkbox"/> Discharge (DRF)</p> <p><input type="checkbox"/> Installation      <input type="checkbox"/> Closure</p> <p><input type="checkbox"/> Abandoned      <input type="checkbox"/> Reinspection</p>	<p>Site Information: (All that apply)</p> <p><input type="checkbox"/> Near Public Wells      <input type="checkbox"/> Repaired</p> <p><input checked="" type="checkbox"/> Contaminated      <input type="checkbox"/> Upgraded</p> <p><input type="checkbox"/> Complaint      <input type="checkbox"/> Both UST &amp; AST</p> <p><input type="checkbox"/> Acid Tanks      <input type="checkbox"/> Hazardous Materials</p>
---	---

<p>DER District or Local Program <u>Hillsborough County EPC #29</u></p> <p><u>Raymond H. Dollan</u></p> <p>Inspector Name (Print):</p> <p><u>Raymond H. Dollan 5/5/92</u></p> <p>Inspector's Signature &amp; Date</p>	<p><u>X Bill Eaton</u></p> <p>Contact Name (Print):</p> <p><u>[Signature]</u></p> <p>Contact's Signature &amp; Date</p>
---	---



Name: UNCLE NED'S BBQ  
 Facility I.D.#: \_\_\_\_\_  
 Date: 5/5/92

UNDERGROUND STORAGE TANK  
 CLOSURE INSPECTION FORM

Yes	No	Unk	N/A
-----	----	-----	-----

I. REGISTRATION AND NOTIFICATION 17-761.400 & 450 FAC. Comments: Owner/Environmental Consultant To registrar Tanks

1. All of the facility's tanks properly registered; 400	1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Proper notification made 30 days prior to tank(s) closure; 450 (1) (a)	2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Proper notice given 24 hours prior to storage tank(s) closure; 450 (4)	3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

II. CLOSURE PROCEDURES/STATUS; 17.761.800 Comments: \_\_\_\_\_

4. Certified contractor performed the tank removal(s); 740(2) <u>OPTIMUM PETROLEUM</u>	4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Storage tank(s) properly closed and removed from the site; (2) (d)	5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Storage tank(s) properly closed and filled in place; (2) (d)	6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Storage tank(s) properly closed within 90 days of discovery; (2) (a)	7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. All liquid & sludge removed from the tank(s); (2) (d) <u>Jon's Oil</u>	8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Storage tanks properly purged or inerted prior to transport; (2) (d) <u>Dry Ice</u>	9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. All piping capped and/or removed;	10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. All monitoring wells left in place for contamination assessment purposes; (2) (f)	11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. All monitoring wells have been properly abandoned; 800(2) (f)	12.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. A closure assessment was properly performed; 800 (3),	13.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III. DISCHARGE REPORTING 17-761.460, F.A.C.: Comments: 18 cu. yd. Contaminated Soil Stock piled for pre-burn Analysis

14. Evidence of contamination or a discharge reported (Explain in comments) 460 (1), (2) and (3)	14.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Discharge Reporting Form (DRF) submitted; 460 (2) <u>Bill Eaton - OPTIMUM 5/5/92</u>	15.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

V. DISCHARGE RESPONSE: Comments: \_\_\_\_\_

16. Free product present; (Explain in comments)	16.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Free product being removed; 17-761.800 (3) (d) & 17-761.820 (2)	17.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: D.R.F To be submitted & Bill Eaton states The re has submitted ATRP forms To DER Tallahassee on 4/30/92. Optimum Petroleum 720 E. Fletcher Ave Suite 212 Tampa Fla. was Contractor, Jon's Oil (1-800-367-3077) removed sludge, At f 18 cu. yd of contaminat soil Stock piled for pre-burn analysis at The site as of 5/5/92 owner/operator To registrar Storage Tanks with DER Tallahassee

# OPTIMUM

Petroleum & Environmental Services of Florida Inc.

720 E. Fletcher Ave. • Suite 212 • Tampa, FL 33612 • (813) 971-0097 • Fax (813) 971-3054

May 27, 1992

Mrs. Joanna Salisbury  
Uncle Ned's  
Post Office Box 256  
Crystal Springs, FL 33524

RE: Tank Closure Report

Dear Mrs. Salisbury,

Enclosed are two (2) copies of the Closure Report for the above referenced site.

A copy of the report must be forwarded to the attention of Greg Cowden, Hillsborough Co., E.P.C., 1900 9th Street, Tampa, FL 33605, after the owner signs on page 2.

If you have any questions, or need further assistance, please do not hesitate to call me at (813) 971-0097.

Sincerely,

OPTIMUM PETROLEUM



Fred Tolar  
President

FT/rg  
Enclosure

## SECTION 1.0

### INTRODUCTION

1.1 GENERAL OPTIMUM PETROLEUM was employed by Joanna Salisbury to perform a Closure and removal of One (1) 2,000 gallon and one (1) 5,000 gallon gasoline Underground Storage Tank on April 24, 1992. These tanks were removed from 10625 State Road 39 North, Plant City, Florida.

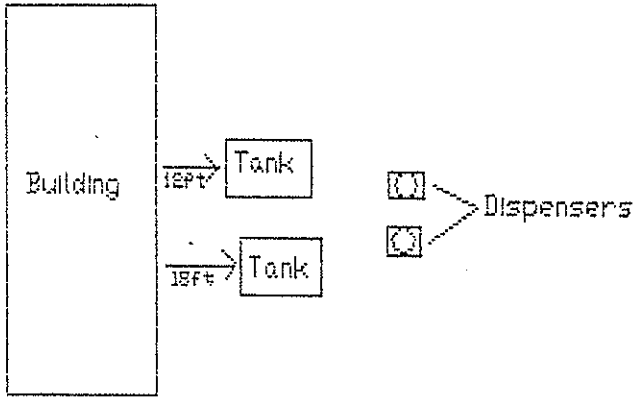
1.2 PURPOSE AND SCOPE The purpose of this report is to document the removal of the tanks and the associated monitoring of soils for the concentrations of hydrocarbon compounds in excess of state soil remediation standards. The Scope of Work included:

- 1) Site inspection;
- 2) Observing, documenting and the removing of subject tanks;
- 3) Pumping and disposing of liquids and/or sludges in tanks;
- 4) Monitoring for and segregating of "excessively contaminated soils" as defined by regulatory agencies;
- 5) Analysis of samples for parameters diagnostic of hydrocarbon compounds.

All site activities were observed and recorded by Optimum Petroleum personnel.

The Scope of Work was carried out by Optimum Petroleum in accordance with all local, state and federal codes and regulations.

1.3 AUTHORIZATION Optimum Petroleum was awarded the bid from Mrs. Joanna Salisbury owner of Uncle Ned's.



NOTE: This site contains one (1) 2,000 gallon & one (1) 5,000 gallon Underground Storage Tank(s).

Prepared for  
 UNCLE NED'S  
 Contact: Joanna Salisbury  
 10625 State Road 39 North  
 Plant City, Florida

Prepared By  
 OPTIMUM PETROLEUM  
 720 E. Fletcher Ave., Ste 212  
 Tampa, Florida 33612  
 (813) 971-0097

NOT TO SCALE  
 April 14, 1992

Toller Road



### SECTION 3.0 - ACTIVITIES AND OBSERVATIONS

On April 28, 1992, The required permit was obtained for pulling underground storage tanks.

On May 5, 1992, Optimum Petroleum's Project Director Bill Eaton picked up the Dry Ice for one (1) 2,000 gallon and one (1) 5,000 gallon underground storage tanks. Upon arriving at the site at 8:00 am, Project Director Bill Eaton treated the tanks with the Solid Carbon Dioxide (Dry Ice) to purge the tanks of any flammable vapors. The first tank, a 2,000 gallon gasoline tank, was out of the ground by 9:50 am.. The second tank, a 5,000 gallon gasoline tank, was out of the ground by 10:45 am. Jan's Waste Oil Service arrived on site and pumped 2510 gallons of liquid/sludge product for proper disposal. The tanks were taken to Tampa Scrap for proper disposal.

Organic Vapor Analyzer (OVA) readings were continually taken as soils were removed from the excavation.

Soil samples from the bottom and the sides of the excavation were collected and tested with a Foxboro flame ionization detector (FID) using a charcoal filter. Soil samples were collected for field testing after the tank was removed. The FID is calibrated prior to each days' use or more often as needed with 95 ppm methane calibration gas. Each soil sample collected for testing is placed in a 16oz. canning jar, filled halfway, sealed with foil, and tested for headspace analysis in accordance with Chapter 17-770 FAC. The highest readings were at 960 ppm (allowed is 500 ppm). Results attached in Section 5.2.

Hillsborough County E.P.C. Representative ~~Ray Dolan~~, arrived on site at 12:15 pm, he reviewed the site and departed by 1:45 pm. The groundwater was at 8' feet below land surface. Water samples were obtained in accordance with DER Regulations for EPA Method 602. Water samples were taken from a temporary monitor well installed in the tank excavation area. The water table was at 8 feet. These samples were delivered to Phoslab, Inc. in Lakeland Florida. Phoslab, Inc. has an approved QA plan on file with the state.



# Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number: 299846761      2. Facility Type: A  
 3. New Registration     New Owner Data     Facility Revision     Tank(s) Revision   
 4. County and Code of tank(s) location: Hillsborough / 29

5. Facility Name: Lou's Place (Uncle Ned's)  
 Tank(s) Address: 10625 SR 39 North  
 City/State/Zip: Plant City, FL 33565  
 Contact Person: Joanna Salisbury      Telephone: (813) 782-5966

6. Financial Responsibility Type: \_\_\_\_\_

7a. Tank(s) Owner: Joanna Salisbury  
 Owner Mailing Address: 10625 SR 39 North  
 City/State/Zip: Plant City, FL 33565  
 Contact Person: Joanna Salisbury      Telephone: (813) 782-5966

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

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

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

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

9	10	11	12	13	14	15	16	17	18	19
1	2000	A	xx/xx	U	C	B	X	B	∅	5/92
1	5000	A	xx/xx	U	C	B	X	B	∅	5/92

20. Fredrick LaMarr Tolar, Sr.      DPR# PCC 053993  
 Certified Contractor\*      Department of Professional Regulation License Number\*

\*For new tank installation or tank removal  
 To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

Bill Eaton      Bill Eaton      6-5-92  
 Print name & title of owner or authorized person      Signature      Date



# Florida Department of Environmental Regulation

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

DER Form #	17-761.900(6)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

## Closure Assessment Form

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

Please Print or Type  
Complete All Applicable Blanks

- Date: 6-5-92
- DER Facility ID Number: 299846761
- County: Hillsborough
- Facility Name: Lou's Place (uncle Ned's)
- Facility Owner: Joanna Salisbury
- Facility Address: 10625 SR 39 North, Plant City FL 33565
- Mailing Address: P.O. Box 256 Crystal Springs, FL 33524
- Telephone Number: (813) 782-5966
- Facility Operator: Joanna Salisbury
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or  B. Underground
- Type of Product(s) Stored: Gasoline
- Were the Tank(s): (Circle one) A. Replaced  B. Removed C. Closed in Place D. Upgraded (aboveground tanks or
- Number of Tanks Closed: 2
- Age of Tanks: unknown

### Facility Assessment Information

- | Yes                                 | No                                  | Not Applicable                      |   |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     | 1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     | 2. Was a Discharge Reporting Form submitted to the Department?<br>If yes, When: <u>5/5/92</u> Where: <u>EPC Hillsborough County</u>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 3. Is the depth to ground water less than 20 feet?  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 4. Are monitoring wells present around the storage system?<br>If yes, specify type: <input type="checkbox"/> Water monitoring <input type="checkbox"/> Vapor monitoring   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5. Is there free product present in the monitoring wells or within the excavation?  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?<br>Specify sample type: <input type="checkbox"/> Vapor Monitoring wells <input checked="" type="checkbox"/> Soil sample(s) |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?<br>Specify sample type: <input type="checkbox"/> Vapor Monitoring wells <input type="checkbox"/> Soil sample(s)      |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target level (See target levels on reverse side of this form and supply laboratory data sheets)                                |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 10. Are any potable wells located within 1/4 of a mile radius of the facility?  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: _____  |

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

*Carmona J. Salasburry*  
 \_\_\_\_\_  
 Signature of Owner

7-30-92  
 \_\_\_\_\_  
 Date

*Bill Eaton*  
 \_\_\_\_\_  
 Signature of Person Performing Assessment

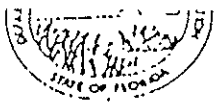
6-5-92  
 \_\_\_\_\_  
 Date

*Bill Eaton, Project Director*  
 \_\_\_\_\_  
 Title of Person Performing Assessment

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

State ground water target levels are as follows:

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. For gasoline (EPA Method 602):           <ol style="list-style-type: none"> <li>a. Benzene 1 ug/l</li> <li>b. Total VOA 50 ug/l               <ul style="list-style-type: none"> <li>- Benzene</li> <li>- Toluene</li> <li>- Total Xylenes</li> <li>- Ethylbenzene</li> </ul> </li> <li>c. Methyl Test-Butyl Ether (MTBE) 50 ug/l</li> </ol> </li> </ol> | <ol style="list-style-type: none"> <li>2. For kerosene/diesel (EPA Method 610):           <ol style="list-style-type: none"> <li>a. Polynuclear Aromatic Hydrocarbons (PAHS)<br/>               (Best achievable detection limit, 10 ug/l maximum)</li> </ol> </li> </ol> |
|--|---|



Form 16a Removal Form for Certified Contractors  
 Effective Date: December 10, 1990  
 DER Application No. \_\_\_\_\_  
 Filed in by DER \_\_\_\_\_

# Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.2 Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

## General Facility Information

- DER Facility Identification No.: 299846761
- Facility Name: Lou's Place (Uncle Ned's) Telephone: (813) 782-5966
- Street Address (physical location): 10625 SR 39 North  
Plant City, FL 33565
- Owner Name: Joanna Salisbury Telephone: ( )
- Owner Address: 10625 SR 39 North Plant City, FL 33565
- Number of Tanks: a. Installed at this time \_\_\_\_\_ **XX** Removed at this time 2
- Tank(s) Manufactured by: unknown
- Date Work Initiated: 5/5/92
- Date Work Completed: 5/5/92

## Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws.
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications.
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications.
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications.
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87.
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.)
- Spill and overflow protection devices installed in accordance with Section 17-761.500, F.A.C.
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C.

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions

## Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C.
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C.

# Certification

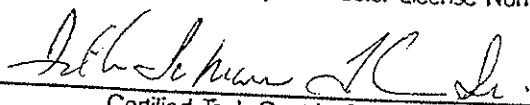
I hereby certify and attest that I am familiar with the facility that is registered with the Florida Department of Environmental Regulation; that to the best of my knowledge and belief, the tank installation, replacement or removal at this facility was conducted in accordance with Chapter 489, Section 376.303, Florida Statutes and Chapter 17-761, Florida Administrative Code (and its adopted reference sources from publications and standards of the National Fire Protection Association (NFPA), the American Petroleum Institute (API), the National Association of Corrosion Engineers (NACE), the American Society for Testing and Materials (ASTM); Petroleum Equipment Institute (PEI); Steel Tank Institute (STI); Underwriters Laboratory (UL); the tank and integral piping manufacturers' specifications; and that the operations on the checklist were performed accordingly.

Fredrick LaMarr Tolar, Sr.

(Type or Print)  
Certified Pollutant Tank Contractor Name  
Pollutant Storage System Specialty Contractor License Number (PSSSC)

PCC 053993

PSSSC Number



Certified Tank Contractor Signature

6-5-92

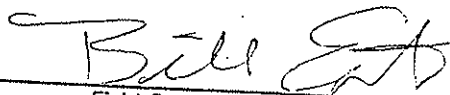
Date

Bill Eaton

(Type or Print)  
Field Supervisor Name

6-5-92

Date



Field Supervisor Signature

6-5-92

Date

The owner or operator of the facility must register the tanks with the Department at least 10 days before the installation. The installer must submit this form no more than 30 days after the completion of installation to the Department of Environmental Regulation at the address printed at the top of page one.

Date 4/24/92

Mr. William Truman  
Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Dear Mr. Truman:

SUBJECT: LETTER OF INTENT, ABANDONED TANK RESTORATION PROGRAM  
FACILITY NAME: Uncle Ned's (Lui's Place)  
ADDRESS: 10625 Highway 39 North, Plant City, FL  
DER FACILITY ID #: 299046761

The facility owner has applied/been determined eligible for the Abandoned Tank Restoration Program (ATRP). The facility owner elects to remediate the discharge through participation in the ATRP in the following manner (check one):

The owner shall proceed with clean-up and seek reimbursement for restoration costs.

The owner has completed the Small business/Corporation Not For Profit Certification (attached) and

will proceed with initial remedial action and seek reimbursement, and then switch to state-administered clean-up.

will seek state-administered clean-up

will clean up the site per Chapter 17-770, Florida Administrative Code and seek no reimbursement of restoration costs.

If you have any questions contact me at 971-0097.  
Phone Number

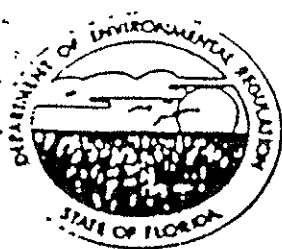
Sincerely,

Ranelle Golden  
Signature of Owner/Authorized Agent

4/24/92  
Date

Ranelle Golden  
Name Type or Printed

xc: Pat Dugan, Bureau of Waste Cleanup, FDER Tallahassee



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32301

## ABANDONED TANK RESTORATION PROGRAM (ATRP) APPLICATION FORM

Application Deadline March 31, 1991

Use this form to apply for restoration assistance eligibility of a site contaminated by petroleum products from abandoned storage systems.

# DRAFT

Please Print or Type  
Put "X" where answer is unknown.

1. Business/Site Name: Uncle Ned's Formerly Lou's Place  
 Business/Site Operator: Joanna Salisbury  
 Business/Site Owner: Joanna Salisbury Property Owner: Joanna Salisbury  
 Business/Site Address: 10625 Highway 39 North, Plant City, FL  
 Applicant's Telephone Number: 782-59166 / 782-7715 County: Hillsborough  
 (Business) (Home)

Applicant's Mailing Address: Post Office Box 256, Crystal Springs, FL 33524

- Date of contamination discovery: Will be documented at time of closure.  
(Attach Copy of Discharge Notification Form)
- Date the petroleum storage system was taken out of service: Over 10 years ago.
- Has the petroleum storage system been properly closed (removed or filled with sand or concrete) in accordance with DER rules? Removing - 5/92
- Is the site registered with DER? If so, DER Facility Number 299046761

If not, fill in the information listed below for each tank at the site.

Tank(s)	Size(s) gallons	Underground (U) or Aboveground (A)	Tank Contents When in Service	Date of Last Use
1	1,000	Underground	Gasoline	UNKNOWN
2	5,000	Underground	Gasoline	UNKNOWN

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

Ruthie Geyer Authorized Representative  
Signature of Person Completing Form/Title

4/22/92  
Date

Ravienne Gorden  
Name Typed or Printed



# PHOSLAB

806 W. Beacon Road • Lakeland, Florida 33803

Send Lab Report to: Optimum  
 Attention: Bill Eaton  
 Project Name: KNSLED'S  
 Sampled by: Bruce  
 Send Invoice to: Optimum  
 Attention: Optimum  
 Project Location: 10625 S.W. 37th. Plant City, FL  
 Project Number: 0-538

Sample ID	Lab ID	Date	Sample Time	Sample Matrix	# of Containers	Field Readings		Preservative	Analyses Requested	Comments	
						pH	Temp				
		5/5/92	2:34 pm		17				602		
Relinquished Sample Containers:		Date/Time	Received by:	Relinquished by:		Date/Time	Received by:				
<u>Bill Eaton</u>		<u>5/6/92</u>	<u>[Signature]</u>	<u>[Signature]</u>			<u>[Signature]</u>				
Relinquished by:		Date/Time	Received by:	Relinquished by:		Date/Time	Received by:				
<u>[Signature]</u>		<u>5-6-92</u>	<u>[Signature]</u>	<u>[Signature]</u>			<u>[Signature]</u>				
Common Cartridge Used:		PhosLab Pre-cleaned Sample Containers: <input type="checkbox"/> Yes <input type="checkbox"/> No						Received by: <u>[Signature]</u> Date/Time: <u>5-6-92</u>			
							Date/Time: <u>11:30</u>				

# OPTIMUM

Petroleum & Environmental Services of Florida Inc.

720 E. Fletcher Ave. • Suite 212 • Tampa, FL 33612 • (813) 971-0097 • Fax (813) 971-3054

OVA LOG  
Project #: O-538  
Date: 05/05/92

Uncle Ned's  
10625 State Road 39 No.  
Plant City, Florida

## OVA Data Results

SAMPLE #	DEPTH (FT)	OVA (ppm)	METHANE (ppm)	THC (ppm)*
1	4.0	0 ppm	0 ppm	0 ppm
2	4.0	260 ppm	40 ppm	220 ppm
3	4.0	800 ppm	60 ppm	740 ppm
4	4.0	250 ppm	20 ppm	230 ppm
5	7.0	600 ppm	60 ppm	540 ppm
6	Stock Pile	1000 ppm	40 ppm	960 ppm
7	Stock Pile	50 ppm	0 ppm	50 ppm

\*THC: Total Hydrocarbon Concentration: Value obtained by subtracting the Methane Concentration from the OVA Concentration.

SECTION 6.0

CONCLUSIONS

In our opinion the tank site does require further petroleum clean-up under current local, state and federal environmental regulations and laboratory results from a 602 water sample are not within acceptable limits.

We base our conclusions on tank integrity, condition of soils adjacent to the tank pads, O.V.A. readings, and analytical results of a 602 water samples collected from the area of the tank excavations .

*Fred Tolar*  
Fred Tolar, President  
OPTIMUM PETROLEUM

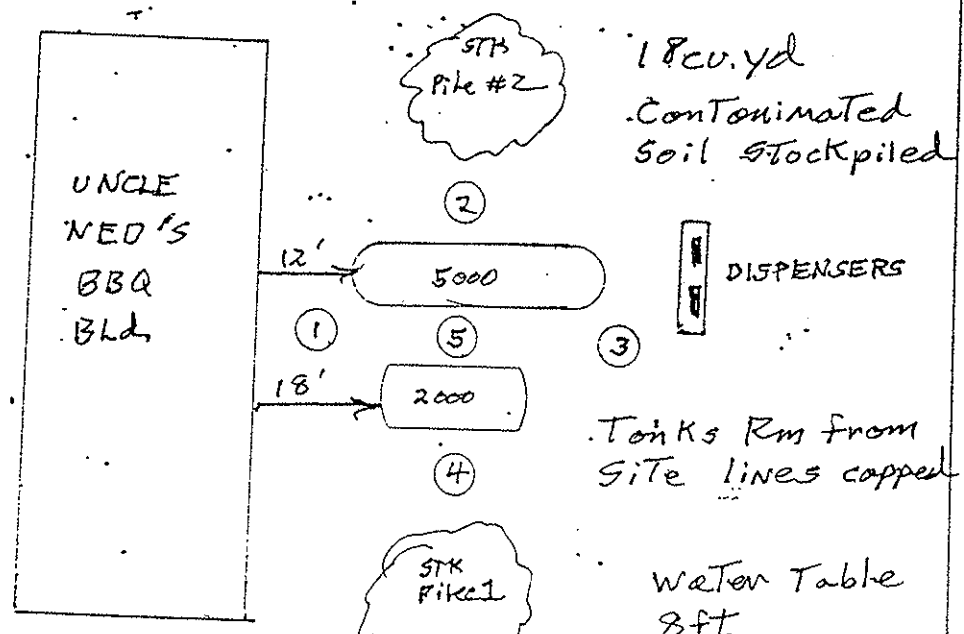
6-5-92  
Date

Reg. Doller  
5/5/92

HILLSBOROUGH COUNTY  
ENVIRONMENTAL PROTECTION COMMISSION  
SITE LOCATION MAP

Facility Name UNCLE NED'S BBQ  
Location 10625 S.R. 39 NORTH  
PLANT CITY, FLA 33565

Removal 1-2000 gal  
& 1-5000 gal Vehicular  
Fuel Tanks 5/5/92

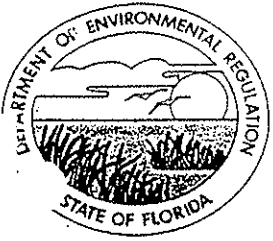


S  
R  
39

(Foxboro OVA 128)

Location	Dpth	TOTAL FID	METHANE	PPM
1	4'	0	0	0
2	4'	260	40	220
3	4'	800	60	740
4	4'	250	20	230
5	7'	600	60	540
6	STK Pile 1	1000	40	960
7	STK Pile 2	50	0	N/A

Toller Rd.



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

July 21, 1992

Ms. Joanna Salisbury  
Uncle Ned's  
Post Office Box 256  
Crystal Springs, Florida 33524

JUL 27 1992

RE: 10625 Highway 39 North, Plant City, Florida

DER Facility #299046761

Dear Ms. Salisbury:

The Department has completed its review of documentation submitted for this site. The Department has determined that the contamination related to the storage of petroleum products as defined in Section 376.301(10), F.S., at this site is eligible for reimbursement of allowable costs pursuant to Section 376.305(7), F.S., under the Abandoned Tank Restoration Program.

When you have completed a site rehabilitation program task in accordance with Chapter 17-770, Florida Administrative Code (F.A.C.), you will be required to submit a complete Reimbursement Application in order to be reimbursed for the allowable costs of that site cleanup program task. You will need to submit with the Reimbursement Application the records specifically required by Section 376.3071(12)(d), F.S. This section states,

"The person responsible for conducting site rehabilitation, or his agent, shall keep and preserve suitable records of hydrological and other site investigations and assessments, site rehabilitation plans, contracts and contract negotiations, and accounts, invoices, sales tickets, or other payment records from purchases, sales, leases or other transactions involving costs actually incurred related to site rehabilitation. Such records shall be made available upon request to agents and employees of the Department during regular business hours, and at other times upon written request of the Department. In addition, the Department may from time to time request submission of such site-specific information as it may require. All records of costs actually incurred for cleanup shall be certified by affidavit to the Department as being true and correct."

November 6, 1992

**RECEIVED**

NOV 9 1992

Mr. Dewitt Bruce  
Hillsborough County Environmental  
Protection Commission  
1900 Ninth Avenue  
Tampa, FL 33605

**E.P.C. OF H.C.**

# 1261

**Subject: INITIAL REMEDIAL ACTION**  
Uncle Ned's  
10625 S.R. 39 North  
Plant City, FL  
FDER Facility #299846761  
PACO #P-92107

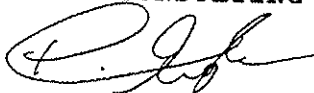
Dear Mr. Bruce:

The Initial Remedial Action for the referenced site has been completed. I have enclosed one copy for your review and approval.

Should you have any questions regarding this report, please contact me at (813) 286-4101. Thank you for your time and prompt attention to this project.

Sincerely,

**PACO CONSULTING & ENGINEERING, INC.**



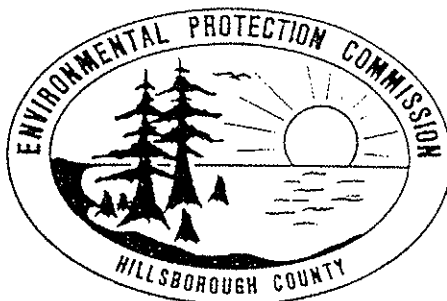
Kimball Ergle  
Senior Field Geologist/Project Manager

KE:sl

Enclosure

COMMISSION  
PHYLLIS BUSANSKY  
JOE CHILLURA  
PAM IORIO  
SYLVIA KIMBELL  
JAN KAMINIS PLATT  
JAMES D. SELVEY  
ED TURANCHIK

FAX (813) 272-5157



ROGER P. STEWART  
EXECUTIVE DIRECTOR  
ADMINISTRATIVE OFFICES  
AND  
WATER MANAGEMENT DIVISION  
1900 - 9TH AVENUE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960  
AIR MANAGEMENT DIVISION  
TELEPHONE (813) 272-5530  
WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5768  
ECOSYSTEMS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

CERTIFIED MAIL #P 752 927 824

December 16, 1992

Ms. Joanna Salisbury  
Uncle Ned's  
P.O. Box 256  
Crystal Springs, FL 33524

Dear Ms. Salisbury:

SUBJECT: PETROLEUM CONTAMINATION; UNCLE NED'S, 10624 S.R. 39 NORTH,  
PLANT CITY; DER FAC #299046761

The underground storage tank(s) at this facility have been properly closed, i.e. removed as per Chapter 17-761.800(2), Florida Administrative Code, (F.A.C.).

However, groundwater samples collected on May 5, 1992, at the referenced facility, detected petroleum contaminant concentration(s) exceeding site rehabilitation levels (SRLs), pursuant to Chapter 17-770, F.A.C.

<u>Contaminant</u>	<u>Concentration</u>	<u>SRL</u>
Total VOA*	944.1 $\mu\text{g/l}$	50 $\mu\text{g/l}$

\*VOA is the summation of benzene, toluene, xylene and ethylbenzene.

The above referenced site has been deemed eligible to apply for state reimbursement under the Abandoned Tank Restoration Program. This means that you may seek reimbursement for allowable costs incurred to clean up the petroleum contamination associated with the said fuel storage tank system(s). However, to be eligible the site must be remediated in accordance with the requirements of Chapter 17-770, Florida Administrative Code (F.A.C.). Furthermore, Section 17-770.600 & 630, F.A.C., require the initiation of a Contamination Assessment (CA) within 30 days of discovery and submittal of the Contamination Assessment Report (CAR) within 6 months, respectively.

Page 2  
December 16, 1992  
Ms. Salisbury

The scope of work necessary to complete the CA may vary depending on site conditions. Before initiating the CA please contact Henry Robert Lue or Michael McKelvey of the Cleanup Department, EPC at (813) 272-5788.

Please be aware this review letter should not be considered Departmental (FDER) approval of the closure report as a contamination assessment or a no further action for reimbursement purposes. If this facility is eligible for funding assistance and the owner intends to submit a reimbursement application for a completed program task, such as a contamination assessment with a no further action proposal, the closure assessment must follow the guidelines specified in Chapter 17-770.600, Florida Administrative Code for contamination assessments.

The manifest for the excessively contaminated soils excavated during the closure has not been received. Please have this information sent to our office, to complete the closure.

If you have any questions regarding this matter, please contact me at (813) 272-5788, Monday through Friday, 7:30 a.m. to 4:00 p.m.

Sincerely,



Forswyth Luzey  
Environmental Specialist III  
STC, Waste Management Division

fl/drc

xc: Henry Robert Lue, Cleanup Department, EPC  
Fred Tolar, Optimum Petroleum



ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY  
COMPLAINT REPORT

No 43981

Date Received/Time: 5/2/95

S-T-R 1 27 21  
Taken By: Schipfer

Air      Ecosystems      Waste X Water     

Assign to:      Assign to:      Assign to:      Assign to:     

Complainant's Name: Ron Phone: 782-5966

Complainant's Address: works in restaurant Zip:     

Description: Tanks were removed @ Uncle Ned's Restaurant. Tower Env. did the work. Water is bubbling up and pooling w/ oil sheen. Hydraulic lift is still not removed. Complainant is concerned.

Location: 0.8 mi (S) of I-4 @ 10625 HWY 39 N. Plant City.

Date of Investigation: 5-10-95 Investigator: Accuri

Findings and Action Taken DEP FAC# 299040761 ATRP eligible  
Met 'Ron' on site - Pooling appears to be broken water line in yard - deep heavy EPPM tracks. Hydraulic lift on opposite side of site from pooling. Complainant was concerned because he is interested in buying property. Recommended removal of hydraulic lift.

Complaint Type:     

Alleged Source ID:     

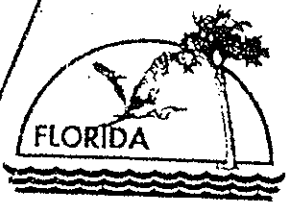
Date Complainant was Notified: 5-10-95

Date Complaint was Closed: 5-10-95

Warning Notice(s) Issued? (Date/#): N/A

Staff	Min.
FO	20
FA	120
Total	

5/4



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

May 14, 1996

Mr. Edward W. Farrell  
Uncle Ned's  
4956 Britni Way  
Zephyrhills, FL 33541

Re: Uncle Ned's, FDEP Facility No. 299046761

Dear Mr. Farrell:

The Site Priority Ranking Rule, Chapter 62-771, Florida Administrative Code, establishes a scoring system the Department uses to assign priority scores to petroleum contaminated sites. The scoring system is based upon the potential threat to public health, safety, and welfare; drinking water supplies; and the environment.

Each site eligible for cleanup funding assistance is scored according to this system. The above site has received a rescore of 7. Each eligible site is ranked in relation to all other eligible sites. Ranking and funding are performed by the DEP quarterly in February, May, August, and November of each year. A letter will be sent to the registered site owner indicating the facility's score and rank following the next quarterly ranking. Thereafter, all program sites receive an annual ranking letter in November.

If you have any questions or comments on your site's score or rank, please contact me at the letterhead address, Mail Station 4545 or call 904/487-3299.

Sincerely,

Stacey Arrington  
Environmental Specialist I  
Petroleum Cleanup Section

SA/ges  
Enclosure: PCT006

cc: Southwest District DEP Office  
Bobby Lue, Hillsborough County EPC

REC'D

JUN 13 1996

ENV. PROT. COMM.  
OF H.C.

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

Printed on recycled paper.



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherall  
Secretary

May 13, 1997

Mr. Edward W. Farrell  
Uncle Ned's  
4956 Britni Way  
Zephyrhills, FL 33541

RECEIVED

JUN 2 1997

Re: Uncle Ned's, FDEP Facility No. 299046761

Dear Mr. Farrell:

*10625 S.R. 39, Plant City*

Waste Management Division

The Site Priority Ranking Rule, Chapter 62-771, Florida Administrative Code, establishes a scoring system the Department uses to assign priority scores to petroleum contaminated sites. The scoring system is based upon the potential threat to public health, safety, and welfare; drinking water supplies; and the environment.

Each site eligible for cleanup funding assistance is scored according to this system. The above site has received a rescore of 77. Each eligible site is ranked in relation to all other eligible sites. Ranking and funding are performed by the DEP quarterly in February, May, August, and November of each year. A letter will be sent to the registered site owner indicating the facility's score and rank following the next quarterly ranking. Thereafter, all program sites receive an annual ranking letter in November.

If you have any questions or comments on your site's score or rank, please contact me at the letterhead address, Mail Station 4545 or call 904/487-3299.

Sincerely,

Grace Rivera  
Environmental Specialist III  
Petroleum Cleanup Section

GR/txw

Enclosure: PCT006

cc: Southwest District DEP Office  
Bobby Lue, Hillsborough County EPC ✓  
Barry Reda, Handex, 4510 Oak Fair Boulevard, Suite 120, Tampa, FL 33610



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

NOV 5 1997

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

RECEIVED

NOV 10 1997

Mr. Paul W. Stackhouse  
Remediation Services Company  
2530 NationsBank Plaza  
Charlotte, North Carolina 28280

EPC/Waste Management Division

RE: Uncle Ned's  
10625 State Road 39 North  
Plant City, Florida  
DEP Facility Number 299046761

Dear Mr. Stackhouse:

We have completed review of your Reimbursement Application for expenses incurred during the Contamination Assessment and Remedial Action Year One, First Half program tasks at this site and have determined that \$5,394.10 of the total \$13,365.35 requested is allowable for reimbursement. This amount will be paid to the person responsible for conducting site rehabilitation when processing is completed by the Comptroller's Office.

Some adjustments to the amount of reimbursement requested have been made. The following details these adjustments. Citations refer to the specific sections of the enclosed Reimbursement Application Summary Sheets:

1. \$286.25 in Section 5A, \$22.50 in Section 5C, \$11.74 in Section 5I, and \$48.07 (funder markup) in Section 5I were deducted for costs associated with activities performed after March 28, 1995, the date specified by the Florida Legislature as the stop-work date. Pursuant to Chapter 95-2, Section 2.(1), Laws of Florida, activities performed after this date without specific approval from the Department are not reimbursable. Therefore, the associated costs are denied.
2. \$586.25 in Section 5A and \$87.94 (funder markup) in Section 5I were deducted from the reimbursement application preparation costs because the amount claimed, \$1,092.50, has been determined to be excessive. However, \$506.25 has been allowed based on the predominant amount of time and personnel rates claimed for the preparation of other.

COMMISSION

DOTIE BERGER  
JOE CHILLURA  
CHRIS HART  
JIM NORMAN  
JAN PLATT  
THOMAS SCOTT  
ED TURANCHIK

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &  
WATER MANAGEMENT DIVISION  
1900 - 9TH AVENUE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960  
FAX (813) 272-5157

AIR MANAGEMENT DIVISION  
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

January 23, 1998

Mr. Bruce Bosserman  
Handex of Florida, Inc.  
4510 Oak Fair Boulevard, Suite 120  
Tampa, Florida 33610

Dear Mr. Bosserman:

**SUBJECT: INTERIM REPORT (RECEIVED DECEMBER 19, 1997) REVIEW FOR  
UNCLE NED'S, 10625 S.R. 39 NORTH, PLANT CITY, FLORIDA, FAC  
#299046761, PRE-APPROVAL WORK ORDER #98-29-0226-0**

The Environmental Protection Commission reviewed the subject document. Additional work is necessary to delineate the horizontal extent of contamination. Also, soil analyses, per Chapter 62-770, Florida Administrative Code needs to be performed. Please submit a proposal to complete the site assessment. Please justify the recommendation of four additional shallow monitoring wells and a deep monitoring well.

The subject work order has been completed. However, under subtask C, MW Installation, soil analyses were not performed, drums and drum disposal was not necessary. Therefore, you may invoice the Florida Department of Environmental Protection for work order #98-29-0226-0, less \$659.45 (including markup) for these deletions. As a reminder, a copy of this letter must accompany the invoice as evidence of work order completion.

Sincerely,

Michael McKelvey  
Senior Hydrogeologist

xc: Hamp Pridgen, FDEP-Tallahassee



# FAX TRANSMISSION

HANDEX OF FLORIDA (TAMPA)  
4510 Oak Fair Blvd. # 120  
Tampa, FL 33610  
(813) 626-4646  
Fax: (813) 626-1898

To: **Mr. Michael McKelvey**

Date: 05/27/98

At: HCEPC  
Fax#: 276-2256

Pages: 1, including this cover sheet.

From: Kelly Folsom

Subject: Uncle Ned's  
10625 S.R. 39 North, Plant City  
FDEP Facility # 299046761  
Work Order # 98-29-0315-0  
Handex Project # 114871-02

### COMMENTS:

Mike,

The monitoring well installation authorized under subtask C of the above referenced work order is scheduled for Friday, May 29, 1998. If you require any additional information, please contact me at 626-4646 ext. 25. Thank you.



Circle K Number 7153  
(Site 13)





JUL 22  
 FAW  
 DM

DER Form # 17-761.900(1)  
 Form Title Discharge Reporting Form  
 Effective Date December 10, 1990  
 (Filled in by DER)

RECEIVED  
 JUL 25 1994  
 PASCO COUNTY  
 HEALTH DEPT.

# Discharge Reporting Form

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

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

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

PLEASE PRINT OR TYPE  
 Complete all applicable blanks

1. DER Facility ID Number: 518515407 2. Tank Number: \_\_\_\_\_ 3. Date: 7/22/94

4. Facility Name: CIRCLE K # 7153

Facility Owner or Operator: THE CIRCLE K CORPORATION

Facility Address: CR 39 + CENTRAL AVE, CRYSTAL SPRINGS, FL 33527

Telephone Number: (813) 744-5266 County: PASCO

Mailing Address: 5650 Breckenridge Plwy, Suite 300, TAMPA, FL 33610

5. Date of receipt of test results or discovery: 7/22/94 month/day/year

6. Method of initial discovery. (circle one only)
- |  |   |   |
|--|---|---|
| <input type="radio"/> A. Liquid detector (automatic or manual)           | <input type="radio"/> D. Emptying and Inspection. | <input type="radio"/> F. Vapor or visible signs of a discharge in the vicinity. |
| <input checked="" type="radio"/> B. Vapor detector (automatic or manual) | <input type="radio"/> E. Inventory control.       | <input type="radio"/> G. Closure: _____ (explain)                               |
| <input type="radio"/> C. Tightness test (underground tanks only).        | <input type="radio"/> H. Other: _____             |   |

7. Estimated number of gallons discharged: UNKNOWN

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

9. Type of regulated substance discharged. (circle one)
- |   |   |   |   |
|---|---|---|---|
| <input type="radio"/> A. leaded gasoline              | <input type="radio"/> D. vehicular diesel | <input type="radio"/> L. used/waste oil | <input type="radio"/> V. hazardous substance includes pesticides, ammonia, chlorine and derivatives (write in name or Chemical Abstract Service CAS number) _____ |
| <input checked="" type="radio"/> B. unleaded gasoline | <input type="radio"/> F. aviation gas     | <input type="radio"/> M. diesel         | <input type="radio"/> Z. other (write in name) _____  |
| <input type="radio"/> C. gasohol                      | <input type="radio"/> G. jet fuel         | <input type="radio"/> O. new/lube oil   |   |

10. Cause of leak. (circle all that apply)
- |   |   |   |   |  |
|---|---|---|---|--|
| <input checked="" type="radio"/> A. Unknown | <input type="radio"/> C. Loose connection | <input type="radio"/> E. Puncture             | <input type="radio"/> G. Spill _____    | <input type="radio"/> I. Other (specify) _____ |
| <input type="radio"/> B. Split              | <input type="radio"/> D. Corrosion        | <input type="radio"/> F. Installation failure | <input type="radio"/> H. Overfill _____ |  |

11. Type of financial responsibility. (circle one)
- |   |   |
|---|---|
| <input type="radio"/> A. Third party insurance provided by the state insurance contractor | <input type="radio"/> C. Not applicable |
| <input checked="" type="radio"/> B. Self-insurance pursuant to Chapter 17-769.500 F.A.C.  | <input type="radio"/> D. None           |

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

Steve Bolin  
Environmental Compliance Mgr.  
 Printed Name of Owner, Operator or Authorized Representative

[Signature]  
 Signature of Owner, Operator or Authorized Representative

# Florida Petroleum Restoration Insurance Program Claim

Please Print or Type — Review Instructions Before Completing Form

1. DER Facility ID Number 518515407

2. Facility Name Circle K # 7153  
Tank(s) Address CR 39 + CENTRAL AVE  
City/State/Zip Central Springs, FL 33527  
Contact Person Steve Belin Telephone (813) 744-5266  
Financial Responsibility Type B

3. Tank(s) Owner THE Circle K Corporation  
Owner Mailing Address 5650 Breakeridge Hwy, Suite 300  
City/State/Zip TAMPA, Florida 33610  
Contact Person STEVE BELIN

4. It is the understanding of the facility owner/operator that appropriate action has been taken to meet the Petroleum Insurance/Financial Responsibility requirements pursuant to Chapter 17-769, Florida Administrative Code. Therefore, the facility owner/operator elects to remediate the subject discharge in the following manner (check one):

- The owner/operator will proceed with cleanup and seek reimbursement for restoration costs pursuant to Chapter 17-773, F.A.C. The state-administered cleanup options are only available until December 31, 1993. The owner has completed the Small Business/Corporation Not for Profit Certification, DER Form #17-769-900(5), and:
  - will proceed with initial remedial action and seek reimbursement, and then switch to state-administered cleanup;
  - will seek state-administered cleanup;
  - will cleanup the site pursuant to Chapter 17-770, F.A.C., and seek no reimbursement of restoration costs.
  - Other \_\_\_\_\_

(Check All Applicable Boxes)

- 5.  Discharge reported within 24 hours to DER District Office or contracted county representative. Attach copy of Discharge Reporting Form
  - Petroleum storage system tested or emptied within 3 days of discharge discovery. Scheduled
  - Leaking petroleum storage system removed from service within 3 days until it has been repaired or replaced.
  - Cleanup services retained within 3 days of discharge discovery.
  - Free product recovery initiated within 3 days of discharge discovery NO Product.

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

Steve Belin  
Env Compliance Mgr.  
Print name & title of owner or authorized person

[Signature] 7/22/99  
Signature Date



NDT  
RCB RIVERIA - 1800  
964-0070

August 4, 1994

RECEIVED  
AUG 07 1994  
PASCO COUNTY  
HEALTH DEPT.

Mr. Jan Peterson  
Pasco County HRS  
Environmental Health Unit  
9930 Land O'Lakes Blvd.  
Land O'Lakes, FL 34639

RE: Circle K #7153  
Crystal Springs, FL

Dear Mr. Peterson:

Attached, please find the 602 analysis results for the above referenced Circle K. Also, find a copy of the tank tightness test results.

A DRF and a FPLIRP Claim Form has already been sent to your attention. Will you please complete the FPLIRP check list and forward to Tallahassee for processing.

Sincerely,

Steve Belin  
Environmental Compliance Manager

SB/lc

CC: File



# PHOSLAB

Phone 813-682-5897

806 W. Beacon Road • Lakeland, Florida 33803

Fax 813-683-3279

Client: Imperial Testing Laboratories  
 3906 Kidron Road  
 Lakeland, Florida 33811

Attn: Mr. Glenn Gross  
 P.O. #:  
 Project: Circle K #7153 - Crystal Springs  
 Reference: ITL/2949

Sampled By: JEM  
 Sample Date: 07-27-94  
 Date Received: 07-28-94  
 Analysis Date: 07-29-94  
 Analyzed By: GJF/JMC

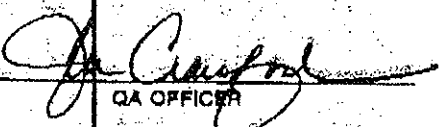
## CERTIFICATE OF ANALYSIS

**VOLATILE ORGANICS**  
**EPA METHOD 802**

(expressed as ug/L)

	<u>Equip Blank</u>	<u>NE Well</u>	<u>NW - Well</u>	<u>SE Well</u>	<u>SW Well</u>	<u>MDL, ug/L</u>
MTBE	BDL	205.0	BDL	15.0	BDL	0.20
Benzene	BDL	1,982.0	BDL	3.0	BDL	0.20
Toluene	BDL	206.0	BDL	<1.0	BDL	0.20
Ethylbenzene	BDL	160.0	BDL	<1.0	BDL	0.20
Xylenes	BDL	738.0	BDL	<1.0	BDL	0.20
Total VOA	BDL	3,086.0	BDL	3.0	BDL	0.20

BDL: Below Detectable Limits

  
 QA OFFICER

  
 CHEMIST

**FLORIDA PETROLEUM LIABILITY INSURANCE & RESTORATION  
PROGRAM COMPLIANCE CHECKLIST**

D.E.R. Facility# 518515047 Date 8/16/94  
 Facility Name Circle K # 7153  
 Facility Address CR 39 + Central Ave  
Crystal Springs, FL 33527  
 Contact Person Steve Belin Phone# 813 744-5266  
 Latitude 28 10 52 Longitude 82 09 24

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

**YES NO UNKNOWN** I. Compliance with Chapter 376.3072, Florida Statutes and Chapter 17-769 FAC

1.    Was any contamination discovered prior to January 1, 1989? IF yes, explain:  
 \_\_\_\_\_  
 \_\_\_\_\_
  
2.    Petroleum Liability Insurance Program Affidavit form completed? IF yes, give date  
 Notarized: NONE NOTARIZED COPY
  
3.    Is the site insured by FPLIPA? If not, supply the carrier insured with, or other type of  
 financial responsibility mechanism used:  
 \_\_\_\_\_
  
4.    Restoration Coverage Notice of Eligibility issued? If yes, give effective date:  
09/01/93 - 09/01/94 NOE # DER 00085
  
5.    Has site Access ever been denied?
  
6.    Has a Storage Tank Program compliance inspection ever been performed for the  
 facility? If yes, give the date of the most recent inspection and supply copy:  
7/25/94
  
7.    Has the suspected petroleum storage system component responsible for the discharge  
 been removed from service within 3 days of discovery? If no, explain:  
TANK TIGHTNESS TEST 7/23/94 PASSED NO FAILING COMPONENT;  
 Double wall, Suction piping with vertical check valves were NOT  
 TESTED.
  
8.    Have steps to obtain cleanup service been initiated within 3 days of the discharge  
 discovery? If no, explain:  
Verification of water contamination 7/27/94

YES NO

II. Information Required for Site Scoring and Ranking

9. Is there evidence of a contamination Problem? If yes, explain in comment section:

If Yes to 9. Check One:

- 
- 
- 
- 

- a. Two or more monitoring wells/boreholes show >2" free product.
- b. Only 1 monitoring well shows >2" free product or monitoring wells show >2" free product or petroleum sheen.
- c. Monitoring wells are contaminated but contain no free product (vapors only).
- d. Soil contamination and/or recent product loss.

Check one:

10. Contamination Product Type:

- 
- 
- 

- a. Light Petroleum (kerosene, gasoline, aviation fuel, etc.)
- b. Heavy Petroleum (fuel oil, diesel or similar petroleum products)
- c. Unknown or other: \_\_\_\_\_

Check those that apply:

11. Potable water:

- 
- 
- 

irrigation well

- a. Within 1/2 mile: Large wells >100,000 gpd
  - 1. Indicate direction: \_\_\_\_\_
  - 2. Estimate distance: \_\_\_\_\_
- b. <sup>within 1/4 mile</sup> Within 1/4 mile: Small wells <100,000 gpd
  - 1. Indicate direction: Southwest
  - 2. Estimate distance: 800'-300'
- c. Surface water body used as a public water system

12. Indicate below proximity to population centers: (restaurant, shopping center, house, etc.)

- 
- 

- a. <500 feet: Indicate distance: Commercial business
- b. >500 feet: Estimate distance: residential

Please indicate how the site scoring and ranking information was determined:

Comments: no apparent private potable wells within 1/2 mile, Crystal Springs Water System.

Donna Lee Harris  
Compliance Inspector

Inspection Date

DER District: \_\_\_\_\_ (or) Local Program: HRS Parco



STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

HRS Pasco County Public Health Unit  
Environmental Health Services  
9930 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 22nd, 1994

Steve Belin  
Circle K Corporation  
5650 Breckenridge Pky, #300  
Tampa, FL 33610

RE: CAR LETTER - Circle K Store #7153  
Facility I.D. #518515047

Dear Mr. Belin:

Personnel from our department visited your site on July 25th, 1994 to investigate a possible discharge. During the investigation, the department's instrument revealed excessive vapor readings (>1000 ppm) in the northeast and southeast monitoring wells. Groundwater samples using EPA method 602 were submitted by Imperial Testing on July 27th, 1994 and Phoslab confirmed that petroleum contamination was present on July 29th, 1994.

Therefore, you are requested to immediately initiate action to clean up the contamination present at your facility pursuant to Chapter 17-770, Florida Administrative Code. Specifically, within thirty (30) days you are to initiate a Contamination Assessment Report (CAR) as defined in Chapter 17-770.600(1), F.A.C. A Contamination Assessment Report shall be submitted six (6) months from the date of discovery, specifically by January 22nd, 1995. Submit the CAR to the attention of Michael Bland - Department of Environmental Protection (DEP), Bureau of Waste Clean-up, 2600 Blair Stone Road, Tallahassee, FL 32399-2400. Please notify this office when this information is forwarded to the DEP.

If you have any further questions concerning matter, please contact me at the above stated telephone number or address.

Sincerely,

Danny L. Harris  
Environmental Specialist II

DLH:lb

cc: Ken Swann, E.H. Director  
Michael Bland, DEP-Tallahassee

DISTRICT FIVE • 10841 LITTLE ROAD • NEW PORT RICHEY, FL 34654-2533



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

September 7, 1994

Mr. Steve Belin  
The Circle K Corporation  
5650 Breckenridge Parkway, #300  
Tampa, Florida 33610

RE: ~~Circle K #7153~~ - DEP Facility #518515047  
County Road 39 & Central Avenue, Crystal Springs, FL  
Incident Date: July 22, 1994 - Deductible: \$500.00

Dear Mr. Belin;

The Department has completed its review of documentation submitted for this site. The Department has determined that the contamination related to the storage of petroleum products as defined in Section 376.301(16) (as amended July 1, 1992), Florida Statutes (F.S.), at this site is eligible for reimbursement of allowable costs pursuant to Section 376.3072, F.S., under the Florida Petroleum Liability and Restoration Insurance Program.

Therefore, you are required to cleanup the petroleum contamination per Chapter 62-770, Florida Administrative Code (F.A.C.), which requires initiation of a contamination assessment (CA) within 30 days of discovery and completion of the contamination assessment report (CAR) within 6 months.

When you have completed a site rehabilitation program task in accordance with Chapter 62-770, F.A.C., you will be required to submit a complete Reimbursement Application in order to be reimbursed for the allowable costs of that site cleanup program task. You will need to submit with the Reimbursement Application the records specifically required by Section 376.3071(12)(d), F.S. This section states,

"The person responsible for conducting site rehabilitation, or his agent, shall keep and preserve suitable records of hydrological and other site investigations and assessments, site rehabilitation plans, contracts and contract negotiations, and accounts, invoices, sales tickets, or other payment records from purchases, sales, leases or other transactions involving costs actually incurred related to site rehabilitation. Such records shall be made available upon request to agents and employees of the Department during regular business hours, and at other times upon written request of the Department. In addition, the Department may from time to time request submission of such site-specific information as it may require.



# ATEC Associates, Inc.



5555 W. Waters Avenue, Suite 604  
Tampa, Florida 33634  
(813) 886-0907, FAX (813) 886-0893

Bureau of Waste CleanUp

NOV 28 1994

Florida Department of Environmental Protection  
Bureau of Waste Clean-Up  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Technical Review Section  
November 23, 1994

Attention: Mr. Michael Bland

Subject: Circle K #7153  
S.R. 39 and Central Avenue  
Crystal Springs, Florida  
FDEP Facility #518515047

Dear Mr. Bland:

ATEC Associates, Inc. (ATEC) is performing a contamination assessment on behalf of the Circle K Corporation at the above-referenced site. Initial testing at the site indicates groundwater monitoring wells will be needed in the Florida Department of Transportation (FDOT) right-of-way along State Road 39. The groundwater monitoring wells in the right-of-way are needed to characterize the extent of dissolved petroleum contamination downgradient of the underground storage tanks and fuel dispenser island. ATEC submitted a right-of-way permit to the FDOT on November 14, 1994. The FDOT has indicated that the permit will probably be approved by December 23, 1994. Upon permit approval, ATEC will proceed with monitor well drilling and sampling.

Submittal of the Contamination Assessment Report (CAR) for this site is required by January 22, 1995. Because the FDOT permitting process has delayed site assessment activities, ATEC requests a sixty (60) day time extension to submit the CAR. If you have any questions or require additional information regarding this request, please contact me at (813) 886-0907.

Sincerely,

American Testing and Engineering Corporation,  
dba ATEC ASSOCIATES, INC.

*Mark Wallinga*

Mark A. Wallinga  
Project Manager

~~APPROVED~~ DENIED ON 12/08/94

CAR  CAR Addendum  Other

Extension Date: MARCH 22, 1995

Signature: *[Handwritten Signature]*  
Florida Dept. of Environmental Protection

Mr. Steve Belin, Circle K Corporation

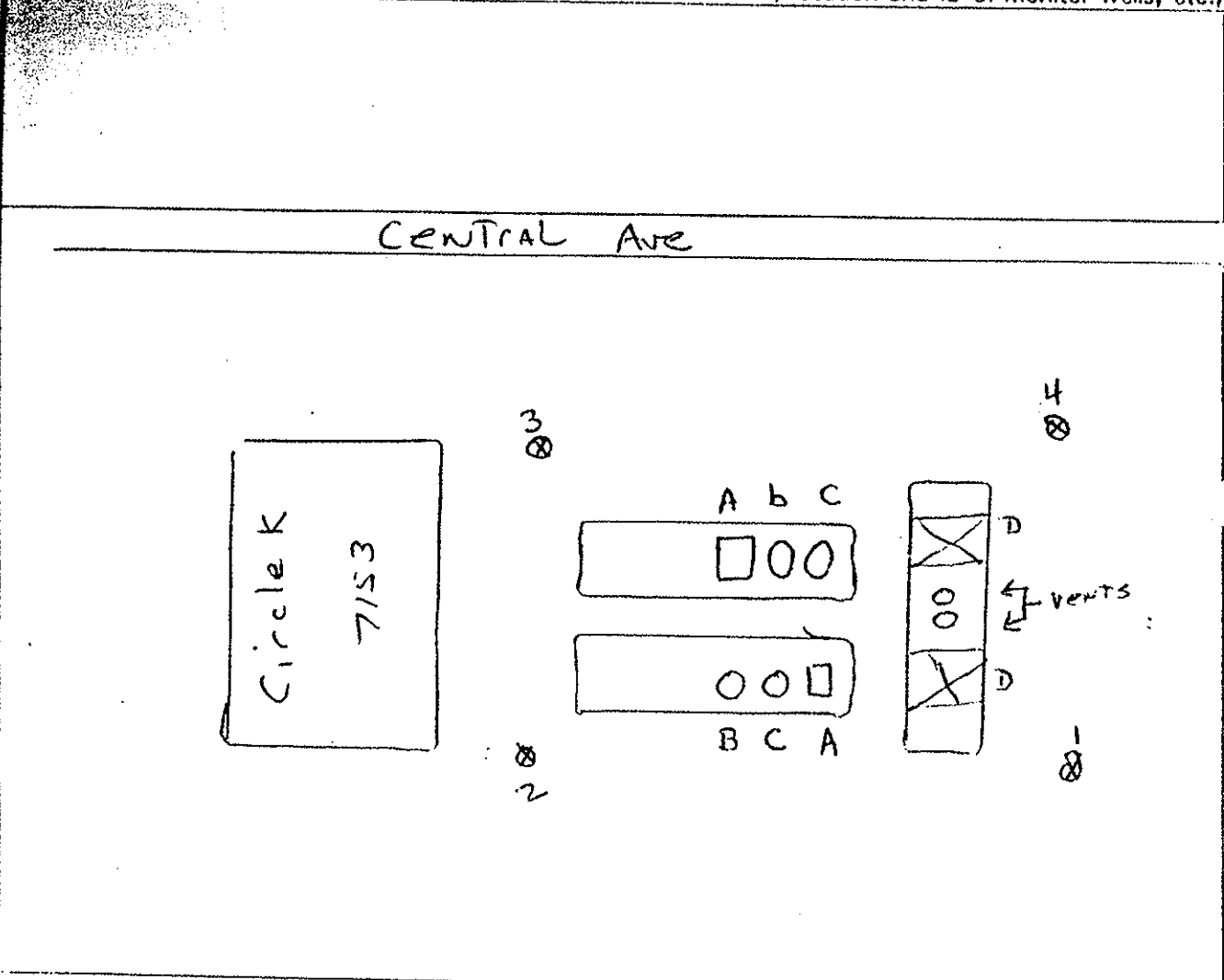
~~Circle K Corporation~~ PASCO Co.

Inspector 7153  
DANNY HARRIS

Steve belin 689-8161

1-888-807-6427

Site Plan (include buildings, roads (labelled), location and ID of tanks, location and ID of monitor wells, etc.)



Method of leak detection for tanks

~~monitor wells~~ 7/94 (LO) 1/97 SIKS w/ PIT any 3y

Method of leak detection for piping

~~sump piping w/ check valve~~

Comments

- A) Sumps for suction double wall piping
- b) VAPOR EXTRACTORS
- c) Fill pipes w/ spill buckets, std drop tubes
- D) Dispensars w/ check valves (vertical) suction piping, drains that drain to piping sump.



STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

HRS Pasco Co. Public Health Unit  
Environmental Health Services  
9930 Land O' Lakes Blvd.  
Land O' Lakes, FL 34639  
(813) 996-2747

NOTE TO FILE

Facility Name: Circle K # 7153

Facility No. : 518515047

Date: 8/22/95

Message:

1) rainwater weber sump (no lid) 8/11/95

2) " " " (no lid) 8/22/95

It appears high water table (4 below grade)  
+ slow permeability of soils + driveway flooding  
retains soil overfills non sealed sumps

Signature of Inspector

STATE OF FLORIDA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 POLLUTANT STORAGE TANK SYSTEM  
 INSPECTION REPORT FORM -- COVER PAGE

PAGE: 1 OF 2  
 PRINTED: 08/22/95

FACILITY ID #: 518515047 COUNTY: PASCO  
 FACILITY NAME: CIRCLE K #7153  
 FACILITY LOCATION: SR 39 & CENTRAL AVE, CRYSTAL SPRINGS  
 FACILITY CONTACT: BELIN, STEVE PHONE: (813) 689-8161  
 OWNER: CIRCLE K STORES INC PHONE: (813) 744-5266  
 OWNER ADDRESS: 5650 BRECKENRIDGE PARK DR #300, TAMPA, FL, 33610-0000  
 OWNER CONTACT: STEVE BELIN OWNER CHANGE DATE: 08/01/86  
 LATITUDE: 28-10-51 LONGITUDE: 82-09-25 FAC TYPE: RETAIL STATION  
 LAST UST COMPLIANCE DATE: 02/02/95 LAST AST COMPLIANCE DATE: 00/00/00  
 CONTAMINATION DATA AVAILABLE: PLIRP

TANK #	SIZE	CONTENT	INSTALL DATE	UNDER OR ABOVE	TANK TYPE	INTEGRAL PIPING	MONITORING SYSTEM	TANK STAT
1	8000	B	04/74	U	ABCM	CFIK	BO	U
2	8000	B	04/74	U	ABCM	CFIK	BO	U

*Sumps were still full of water could not distinguish if a release were to occur. It appears the design needs to be corrected. This site has driveway runoff problem, high water table (3' to 4' below grade) slow soil percolation rate.*

INSPECTION TYPE (ALL THAT APPLY)  
 ROUTINE  
 INSTALL  
 ABANDONED  
 REINSPECT

SITE INFORMATION (ALL THAT APPLY)  
 NEAR PUB WELL  
 CONTAMINATED  
 COMPLAINT  
 ACID TANKS  
 REPAIRED  
 UPGRADED  
 UST & AST  
 HAZARD MAT

DEP DISTRICT OR LOCAL PROGRAM: *HCS Pasco*

INSPECTOR NAME (PRINT) *Harris* CONTACT NAME (PRINT) \_\_\_\_\_

INSPECTOR'S SIGNATURE & DATE *[Signature] 8/11/95* CONTACT'S SIGNATURE & DATE \_\_\_\_\_

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
POLLUTANT STORAGE TANK SYSTEM  
INSPECTION REPORT FORM - COVER PAGE

PAGE: 2 OF 2  
PRINTED: 08/22/95

FACILITY ID #: 518515047

COUNTY: PASCO

FACILITY NAME: CIRCLE K #7153

FACILITY LOCATION: SR 39 & CENTRAL AVE, CRYSTAL SPRINGS

FACILITY CONTACT: BELIN, STEVE

PHONE: (813) 689-8161

COMMENTS:

#43 Sumps for the interstitial piping  
~~that~~ are not dry they are filled  
with water and possibly sheen on  
the water. Rule 17-761.030(1)(a)  
It appears you could not distinguish  
if a leak would occur. No leaks  
were on the ~~total~~ sumps.



STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

DISTRICT FIVE/PASCO COUNTY PUBLIC HEALTH UNIT

Pasco County Public Health Unit  
Environmental Health Services  
8930 LAKE O'LAKEA Boulevard  
Lake O'Lakea, Florida 34484  
Phone: (813) 996-2700  
Fax: (813) 996-2698

CHECKED MAIL - RETURN RECEIPT REQUESTED

September 8th, 1995

STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
DISTRICT FIVE/PASCO COUNTY PUBLIC HEALTH UNIT  
8930 LAKE O'LAKEA Boulevard  
Lake O'Lakea, Florida 34484

WARNING LETTER  
10000 S.W. 115th St., S.R. 39 & Central Ave., Crystal Springs  
Facility I.D. #518515047

DATE OF VIOLATION

The Pasco County Public Health Unit (Pa.C.P.H.U.) has been authorized, by contract with the Florida Department of Environmental Protection (Department), to perform compliance inspections at facilities regulated under Chapters 62-761 and 62-762 of the Florida Administrative Code (F.A.C.).

A field inspection was conducted on February 2nd, 1995 and follow up reinspections on August 11th, 1995 & August 22nd, 1995 at the above referenced facility, has indicated that the facility may be in violation of Chapter 403 and Chapter 376 of the Florida Statutes and the rules promulgated thereunder. Pa.C.P.H.U. personnel observed the following at the above described facility:

43. The sumps for the interstitial piping was full of dirty water, and the lids that seal the sumps were missing. The design of the sumps appears not to take into account the high water table, driveway stormwater run off or the slow soil permeation rate that exists at this site. Florida Administrative Code, Chapter 62-761.020(1)(a) states that integral piping in contact with soil installed after the effective date of this rule shall be equipped with secondary containment. Release detection for any such piping shall consist of: Interstitial monitoring of double walled piping capable of detecting a discharge through the inner wall.

(Continued other side)

Page Two

Section 376.301, F.S., gives the Department the power and duty to: establish rules, including, but not limited to, construction standards, permitting, or regulation of tanks, maintenance and installation standards, removal or disposal standards, and to implement the intent of Sections 376.30-376.319, F.S., and to regulate underground and aboveground facilities and their onsite integral piping systems.

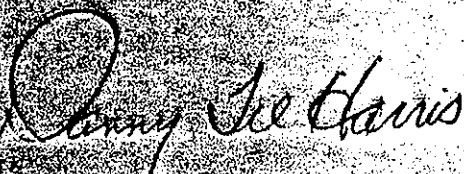
Further, it is a violation of Section 376.302(1)(b), F.S., for any person to fail to comply with any rule, regulation, order, permit, or certification adopted or issued by the Department pursuant to its lawful authority.

You are advised that any activity at this facility that may be contributing to violations of the above described statutes and rules should be ceased immediately. Failure to comply with any rule, regulation, order, permit, or certification adopted or issued by the Department pursuant to its lawful authority may result in damage to the facility, environmental damage and restoration, and the judicial imposition of civil penalties up to \$10,000 per violation per day pursuant to Sections 403.141 and 403.161, F.S.

You are advised that the contact Danny Harris of the Pa.C.P.H.U. at (813) 996-2747 should be notified by date of receipt of this warning letter to discuss the issues raised by this warning letter.

You are advised that this warning letter is part of an agency investigation conducted by the agency in accordance with Section 120.57(4), F.S. The purpose of this letter is to advise you of potential violations. If the Department determines that an enforcement proceeding should be initiated in this case, it may be initiated by issuing a Notice of Violation or by filing a judicial action in accordance with Section 120.57(4), F.S. If the Department issues a Notice of Violation, and you are named as a party, you will be informed of your rights to contest any determination made by the Department in the Notice of Violation. The Department can also resolve any violation through entry into a Consent Order with the appropriate party.

Sincerely,



Danny Harris  
Environmental Specialist II

cc:

cc: Kathmann, Env. Manager  
Lance Culbreth, DEP-Tampa



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

JAN 30 1997

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Ms. Gina C. Jones  
Sirrom Environmental Funding, LLC  
500 Church Street, Suite 200  
Nashville, Tennessee 37219

RE: Circle K Corporation Store Number 7153  
County Road 39 and Central Avenue  
Crystal Springs, Florida  
DEP Facility ID Number 518515047

Dear Ms. Jones:

We have completed review of your Reimbursement Application for expenses incurred during the Contamination Assessment program task at this site and have determined that \$43,807.31 of the total \$48,897.10 requested is allowable for reimbursement. This amount will be paid to the person responsible for conducting site rehabilitation when processing is completed by the Comptroller's Office.

Some adjustments to the amount of reimbursement requested have been made. The following list details these adjustments. Citations refer to the specific sections of the enclosed Reimbursement Application Summary Sheets:

1. \$157.50 in Section 5A was deducted for client status report activities for which no adequate explanation was provided in either the invoices or the technical reports to show that these costs were integral to this program task. Furthermore, these reports were not required by Chapter 62-770, Florida Administrative Code (F.A.C.). Therefore, these costs are not reimbursable.
2. \$513.75 in Section 5A was deducted for costs associated with activities performed after March 28, 1995, the date specified by the Florida Legislature as the stop-work date. Pursuant to Chapter 95-2, Section 2.(1), Laws of Florida, activities performed after this date without specific approval from the Department are not reimbursable. Therefore, the associated costs are denied.

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





STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
PASCO COUNTY PUBLIC HEALTH UNIT

Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

April 3rd, 1997

Steve Belin  
Circle K Stores, Inc.  
5650 Breckenridge Park Dr., #300  
Tampa, FL 33610

RE: Circle K #7153, S.R. 39 & Central Ave., Crystal Springs

Dear Mr. Belin:

Based on information gathered during a compliance inspection on facility #518515047 located at the above address, this facility may be in violation of Chapter 62-761 Florida Administrative Code. These violations are described in detail on the attached report. However, the entire code descriptions may not apply to all inspections.

Please review this report and make the corrections in the time frames given. Please contact this department when the corrections have been completed so that we may re-inspect your facility.

If we can be of further assistance to you in this matter please contact us at the above address or telephone number.

Sincerely,

Danny L. Harris  
Environmental Specialist II

DLH: lb  
Attachment

cc: Ken Swann, Env. Manager



State of Florida  
 Department of Environmental Regulation  
**Pollutant Storage Tank System  
 Inspection Report Form**

HRS Pasco County Public Health Unit, Environmental Health Services  
 9930 Land O'Lakes Blvd., Land O'Lakes, FL 34639 - (813) 996-2747; FAX (813) 996-2698

FAC. #518515047  
 FAC. NAME: Circle K #7153  
 FAC. LOCATION: S.R. 39 & Central Ave., Crystal Springs  
 OPERATOR: Steve Belin  
 OWNER: Circle K Stores, Inc.  
 INSPECTION DATE: 03/21/97

COUNTY: Pasco

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK CONST	INTEGRAL PIPING	MONITORING SYSTEM	TANK STATUS
1	8000	B	04/74	U	ABCH	CFIK	BO	U
2	8000	B	04/74	U	ABCM	CFIK	BO	U

The following code designation(s), which could be in violation, may or may not necessarily match the items checked on the actual inspection form:

43. The STP sumps were pumped out by Magnum Env. on 3/6/1997. (97 gallons) However, on 3/21/97, both STP sumps were full of water up to the surface of the ground. When water is over the top of the double walled piping, there is no leak detection for the piping. Chapter 62-761.610(2)(a)(2) states "All integral piping in contact with the soil installed after December 10, 1990 shall be equipped with secondary containment. Release detection for any such piping shall consist of: Interstitial monitoring of double walled piping capable of detecting a discharge through the inner wall. Constructed so ground water, rainfall or soil moisture will not render the testing or sampling methods used inoperative so that a discharge could not go undetected for more than 30 days." Please make the necessary repairs to these sumps to render them water tight within thirty (30) days.

# Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. OER Facility ID Number: 518515047

2. Facility Type: A

3. New Registration  - New Owner Data  - Facility Revisit  - Tank Revisit

4. County and Code of tank location: Pasco 51

5. Facility Name: Circle K #7153

6. Tank Address: SR 39 / Central Ave

7. City/State: Crystal Springs, FL 33527

8. Contact Person: STEVE BELIN 813-744-5266

9. Financial Responsibility type: B

10. Tank Owner: CIRCLE K STORES INC.

11. Owner Mailing Address: 5650 BRECKENRIDGE PARK DR. STE 300

12. City/State: TAMPA FLORIDA 33610

13. Contact Person: STEVE BELIN 813-744-5266

14. New Owner Signature Change Date: \_\_\_\_\_

15. Location (General): \_\_\_\_\_

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)  
 Complete 9 - 15 for tanks in use 9 - 15 for tanks out of use

9	10	11	12	13	14	15	16	17	18	19
1	7923	B	4/74	U	ABCM	CEJK	HKS	U		
2	7928	B	4/74	U	ABCM	CEJK	HKS	U		

21. Orange Petroleum  
 Carried Contract

PCC # 045042  
 Department of Professional Regulation License Number

For new tank installation or tank removal  
 To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

STEVE BELIN  
 ENVIRONMENTAL COMPLIANCE  
 Title Name & Title of Owner or Authorized Person  
 Signature

3/30/98  
 Date

Signature of Registered Owner  
 Title of Registered Owner  
 Signature of Registered Owner  
 Title of Registered Owner

*Installation Inspection*  
 2/15/98 - 3/6/98, 3/17/98

Florida Department of Environmental Protection  
 Pollutant Storage Tank Application  
 Facility Inspection Cover Page

Facility Information

Id #: 8515047 District: SWD  
 Name: CIRCLE K #7153 County: PASCO  
 SR 39 & CENTRAL AVE Type: Retail Station  
 CRYSTAL SPRINGS, FL 33527 Status: OPEN  
 Contact: BELIN, STEVE Latitude: 28:10:51  
 Phone: 813-689-8161 Longitude: 82:09:25

*Clean up Reg. Piping  
 Upgrade work performed  
 See Installation 125p.*

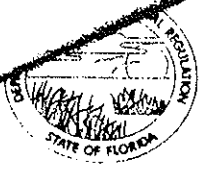
Account Owner Information

Name: CIRCLE K STORES INC  
 5650 BRECKENRIDGE PARK DR #300  
 TAMPA, FL 33610  
 Phone: 813-744-5266

Tank Owner Information

Name: CIRCLE K STORES INC  
 5650 BRECKENRIDGE PARK DR #300  
 TAMPA, FL 33610  
 Phone: 813-744-5266

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	8000	B	01-APR-74	UNDERGR	U	A B C M O	C F I K	S V
2	8000	B	01-APR-74	UNDERGR	U	A B C M O	C F I K	S V



Name: Circle K 7153  
 Facility I.D.#: 8515047  
 Date: 2/5/98 - 3/4/98

UNDERGROUND STORAGE TANK  
 INSTALLATION INSPECTION FORM

	Yes	No	Unk	N/A
56. Properly grouted; (1)(a) 6.				
57. Manhole cover properly installed and identified; (1)(e) 7., 8., & 9.				X
58. Equipped with a locked water tight cap; (1)(b) 3.				
59. Casing extends to proper depth; (1)(e) 10.				
60. Casing extends to within 6" of the bottom of secondary containment; (1)(d) 10.				X
Testing				
61. The test tank or storage system is in compliance with service 500(3)-880.	X			
62. Tightness test performed by a registered tester - <u>RD 125578</u>	X			

Discovery Tank Testing

COMMENTS:

2/5/98 Orange Petroleum PCC 045042  
 Installed dispenser pans, STP sumps, New DIW rigid  
 Fk piping, spill buckets and overflow protection (Fill pipe lower style,  
 pressurized piping to 50 LBS braided all fittings.

2/9/98 J. Peterson seaped secondary and hydrostatically  
 test pans + sumps.

3/4/98 Final wash through, both sumps full  
 of water, hooded sump lid damaged.  
 Discussed w/ Steve Behin of Circle K. (Dumped out 3/5/98) <sup>not fixed 3/6/98 during</sup>

3/6/98 checked STP sumps water was removed (possible  
 redesign of driveway cover) Circle K investigating alt  
 design to keep water out of the STP sumps.

3/17/98 Reviewed PTT results for tanks 2/6/98 Discovery Tank Testing TEI 4000  
 Reviewed PTT results for piping. ~~3/10/98~~ 2/10/98  
 MLD'S TESTED 2/26/98 Orange petroleum passed MLD'S



Cumberland Farms Number 1401

(Site 17)

Compliance Inspection Addendum

ID# 518519836

Facility Name/Address Cumberland 1401

Date of Inspection 1-25-95

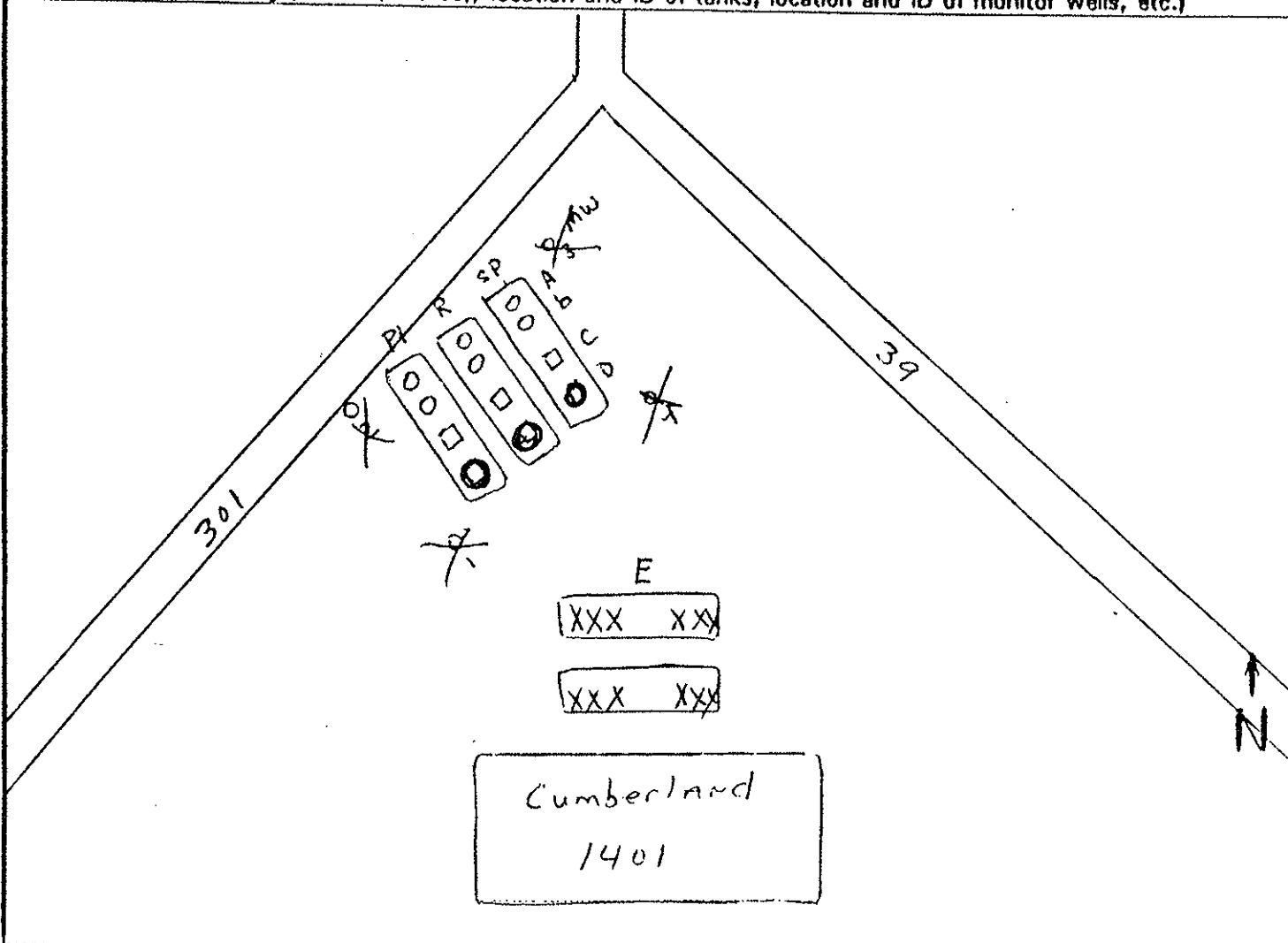
Inspector Danny Harris

Trains on Site 1

Facility Contact/Address/Phone Dave Brochak

Owner Contact/Address/Phone

Site Plan (include buildings, roads (labelled), location and ID of tanks, location and ID of monitor wells, etc.)



Method of leak detection for tanks monitor wells

Method of leak detection for piping " " + mechanical line leak detectors

Comments A) Spill Bucket (fill) w/ std drop Tube

Verified 12/16/97) vapor recovery tank/float (overfill protection)

c) Tank gauge TLS250

d) stamp (STP) w/ mechanical leak detectors





**CTEC** Earth Resources and  
& Environmental Services  
**ASSOCIATES, INC.**

P.O. Box 271  
Pinellas Park, FL 33780  
(813) 573-4471  
FAX (813) 572-7831

Closure Assessment Report  
for Line Upgrade Activities  
Cumberland Farms Facility #1401  
3944 Gall Boulevard  
Zephyrhills, Pasco County, Florida  
FDEP Facility #518519836

January 28, 1998

Prepared by:

CTEC & Associates, Inc.  
11443 43rd Street North  
Clearwater, Florida 33762

Prepared for:

Cumberland Farms, Inc.  
777 Dedham Street  
Canton, Massachusetts 02021-9118

Submitted to:

Mr. Jan Peterson  
Pasco County Public Health Unit  
9930 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639

RECEIVED  
FEB 05 1998  
E/H SERVICES



**CTEC** Earth Resources and  
& Environmental Services  
**ASSOCIATES, INC.**

P.O. Box 271  
Pinellas Park, FL 33780  
(813) 573-4471  
FAX (813) 572-7831

January 28, 1998

Mr. Jan Peterson  
Pasco County Public Health Unit  
9930 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639

RE: Cumberland Farms Facility #1401  
FDEP Facility #518519836

Dear Mr. Peterson:

We have been authorized by Cumberland Farms, Inc., to submit to your office this Line Upgrade Report for dispenser and sump liner installation at the above-referenced facility. A summary of the assessment conducted during these activities, and our recommendations for further assessment, follows.

The excavation and removal activities were initiated on December 4, 1997, with the removal of concrete above the tanks and dispensers. On December 5, 1997, soil samples were collected from under the dispensers and around the sumps at depths of two and four feet. All samples were stored in 16 ounce Mason jars, covered with aluminum foil, sealed with the threaded rim section of the jar lid, labeled with the sample number and depth, and allowed to stabilize for approximately five minutes. After stabilization, each sample was screened for hydrocarbon vapor concentrations with an OVA-FID organic trace gas analyzer. No hydrocarbon vapors were detected in any of the samples (Table 1; Figure 1).

Table 1  
OVA-FID Analysis of Soil Samples Collected  
During Line Replacement Procedures

Sample #	Depth	OVA Reading (Un-Filtered)	OVA Reading (Filtered)	OVA Reading (Adjusted)
1	2' - 4'	ND	N/A	ND
2	2' - 4'	ND	N/A	ND
3	2' - 4'	ND	N/A	ND
4	2' - 4'	ND	N/A	ND
5	2' - 4'	ND	N/A	ND
6	2' - 4'	ND	N/A	ND
7	2' - 4'	ND	N/A	ND
8	2' - 4'	ND	N/A	ND
9	2' - 4'	ND	N/A	ND
10	2' - 4'	ND	N/A	ND
11	2' - 4'	ND	N/A	ND
12	2' - 4'	ND	N/A	ND
13	2' - 4'	ND	N/A	ND
14	2' - 4'	ND	N/A	ND

ND = Not detected  
N/A = Not analyzed

Mr. Jan Peterson  
January 28, 1998  
Page 2 (CFI #1401 Up-grade)


After all liner installation activities were completed, the excavated areas were backfilled and compacted with the excavated soil.

Tank, line, and leak detector tightness testing was conducted on December 16, 1997, after all lines were re-connected. All components tested tight (Appendix A).

Because no hydrocarbon vapors were detected within the soil at this facility, all tanks, lines, and leak detectors tested tight, and because this site previously had no environmental concerns, it is recommended that no additional assessment activities be conducted.

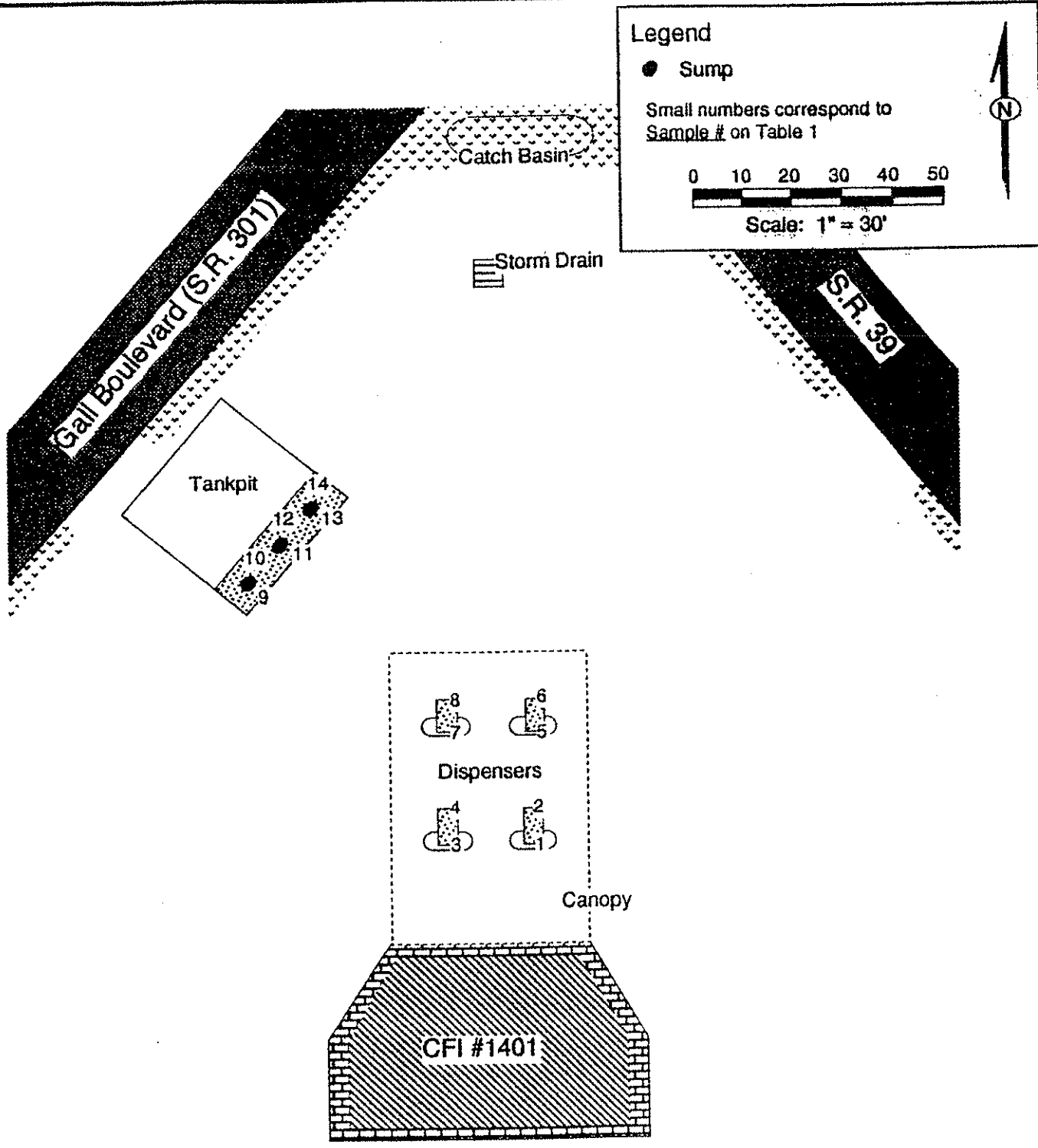
Please feel free to direct any questions or requests for clarification to my attention at the letterhead address or telephone number. Thank you for your assistance in this matter, and we look forward to hearing from you soon.

Sincerely,  
CTEC & Associates, Inc.



Mona P. Johnson, P.G.  
Senior Geologist

cc: Mr. Tim Dowell, Project Manager  
Cumberland Farms, Inc.



CUMBERLAND FARMS, INC.  
FACILITY #1401

SITE MAP SHOWING  
SOIL SAMPLE LOCATIONS

Location: 3944 Gall Boulevard, Zephyrhills, Florida

Samples collected: December 5, 1997

CTEC Environmental Consultants  
P.O. Box 271  
Pinellas Park, Florida 33780-0271

Drafted by:  
Mona Johnson - 1/28/98

FIGURE 1



# Florida Department of Environmental Regulation

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

DER Form #	17-761.900(8)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	

## Closure Assessment Form

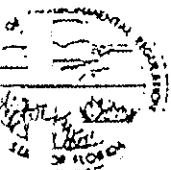
Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection In-tive (EDI) and Reimbursement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

Please Print or Type  
Complete All Applicable Blanks

- Date: January 28, 1998
- DER Facility ID Number: 518519836 3. County: Pasco
- Facility Name: Cumberland Farms Facility #1401
- Facility Owner: Cumberland Farms, Inc.
- Facility Address: 3944 Gail Blvd., Zephyrhills
- Mailing Address: 777 Reedham Street, Canton, Massachusetts 02021-91
- Telephone Number: (781) 828-4900 9. Facility Operator: CPE
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or  B. Underground
- Type of Product(s) Stored: Unleaded gasoline
- Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks on
- Number of Tanks Closed: 198 Upgrade 14. Age of Tanks: 9 yrs.

### Facility Assessment Information

- | Yes                                 | No                                  | Not Applicable                      |   |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 2. Was a Discharge Reporting Form submitted to the Department?<br>If yes, When: _____ Where: _____  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 3. Is the depth to ground water less than 20 feet?  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 4. Are monitoring wells present around the storage system?<br>If yes, specify type: <input checked="" type="checkbox"/> Water monitoring <input type="checkbox"/> Vapor monitoring  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5. Is there free product present in the monitoring wells or within the excavation?  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?<br>Specify sample type: <input type="checkbox"/> Vapor Monitoring wells <input checked="" type="checkbox"/> Soil sample(s) |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?<br>Specify sample type: <input type="checkbox"/> Vapor Monitoring wells <input type="checkbox"/> Soil sample(s)      |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels.<br>(See target levels on reverse side of this form and supply laboratory data sheets)                           |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 10. Are any potable wells located within 1/4 of a mile radius of the facility?  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: _____  |



# Florida Department of Environmental Regulation

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

DEP Form #	17-751900(2)
Form Title	Storage Tank Registration Form
Effective Date	December 10, 1990
DEP Association No.	

## Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. ER Facility ID Number: 518519836 2. Facility Type: A

3. New Registration  New Owner Data  Facility Revision  Tank(s) Revision

4. County and Code of tank(s) location: PASCO 51

5. Facility Name: Cumberland Farms #1401

Tank(s) Address: 3944 GALL BLVD

City/State/Zip: Zephyrhills, FL 33541

Contact Person: Store Manager Telephone: (813) 782-9180

6. Financial Responsibility Type: B

7a. Tank(s) Owner: CUMBERLAND FARMS, INC.

Owner Mailing Address: 777 Redham Street

City/State/Zip: CANTON, MA 02021

Contact Person: TIMOTHY POWELL Telephone: (617) 628-4900

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

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

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

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

9	10	11	12	13	14	15	16	17	18	19
1	8000	B	12-88	U	FROM	CJK	HS	U		
2	8000	B	12-88	U	FROM	CJK	HS	U		
	8000	B	12-88	U	FROM	CJK	HS	U		

Crowe, William Hixon Jr  
Certified Contractor

CPR# PC-0056787  
Department of Professional Regulation License Number

I, the undersigned, hereby certify that the information submitted on this form is true, accurate and complete to the best of my knowledge and belief.

P.L. Theroux Const Super  
Name & title of owner or authorized person

P.L. Theroux  
Signature

1/13/98  
Date



# Florida Department of Environmental Protection

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

DEP Form # AL-201-1002-D  
 Underground Storage Tank Installation  
 Form This General Form for Certified Contractors  
 Effective Date December 12, 1997  
 DEP Application No. \_\_\_\_\_  
 File # by DEP \_\_\_\_\_

## Underground Storage Tank Installation and Removal Form For Certified Contractors

Contractor: Storage Systems Contractor as defined in Section 489.105, Florida Statutes (certified contractors as defined in Section 62-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

### General Facility Information

- DEP Facility Identification No.: 518519836
- Facility Name Chamberland Farms Telephone: (913) 782-9180
- Street Address (physical location): 3944 GALL BLVD., Zephyrhills, FL 33541
- Owner Name: Chamberland Farms Inc Telephone: (417) 828-4900
- Owner Address: 777 Redman Street
- Number of Tanks: a. Installed at this time 0 b. Removed at this time 0
- Tank(s) Manufactured by: 98 Fuel System Upgrade
- Date Work Initiated: 12-4-97 9. Date Work Completed: 12-16-97

### Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws.
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(96), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-94 and the manufacturers' specifications
- Tanks and piping pretested and installed in accordance with NFPA 30(96), API 1615, PEI/RP100-94 and the manufacturers' specifications.
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(96), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturers' specifications.
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(96) and PEI RP100-94.
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 62-761.640, Florida Administrative Code (F.A.C.)
- Spill and over-fill protection devices installed in accordance with Section 62-761.500, F.A.C.
- Secondary containment installed for tanks and piping as applicable in accordance with Section 62-761.500, F.A.C.

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

### Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 62-761.800, F.A.C.
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 62-761.800, F.A.C.  N/A



**CUMBERLAND FARMS, INC.**

777 DEDHAM STREET, CANTON, MASSACHUSETTS 02021-9118

PHONE: 617-828-4900 TELEEX: 710-348-0130 (CUMBFARMS-CTON)

April 29, 1997

Mr. Danny L. Harris  
Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Boulevard  
Land O'Lakes, FL 34639

Re: Cumberland Farms Station #1401  
3944 Gall Boulevard  
Zephyrhills, FL  
DEP Facility #518519836

Dear Mr. Harris:

This letter shall serve as a response to a recent compliance inspection performed at the above referenced site. Cumberland Farms, Inc. (CFI) offers the following answers relative to the issues raised in your letter dated April 7, 1997 and received in this office April 14, 1997.

#10 CFI has secured its compliance wells and is using the facilities Veeder Root 250 as its method of leak detection. Please find enclosed a copy of the April, 1997 Stop Leak Monitor Report. CFI will begin again performing monthly site visits. Please find enclosed a copy of the Annual Mechanical Line Leak Detector test results for 1996.

#22 Noted, will comply.

#37 CFI consultant did not return to the site in June 1996 to check the well. Please find enclosed a copy of July's report indicating no problem in MW #1.

#44 Noted, see comment #10.

I hope this will address your concerns. Thank you for your cooperation. If you have any questions or require additional information, please do not hesitate to contact me at the letterhead address or call me at 617-828-4900, ext. 3414.

Sincerely,

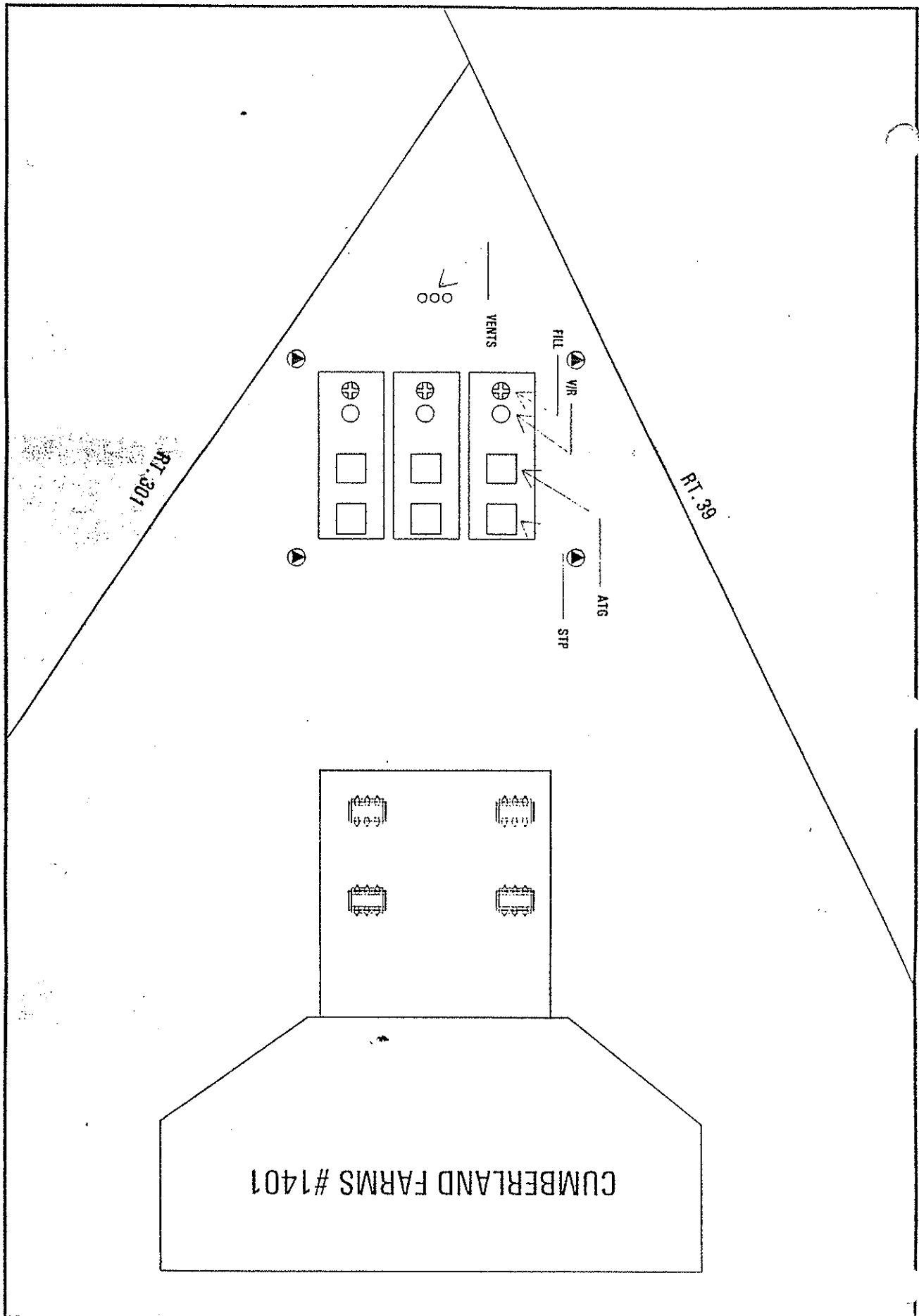
  
Timothy W. Dowell  
Project Manager



**DOWN UNDER TANK TESTING OF FLORIDA, INC.**  
 PRECISION TANK AND LINE TIGHTNESS TESTING  
 2062 VISTA DRIVE  
 NORTH PALM BEACH, FLORIDA  
 407-691-9333

**CUMBERLAND FARMS #1401**  
 3944 GALL BLVD.  
 ZEPHYRHILLS, FLORIDA

DATE: 10/02/96  
 DUTY PROJECT NO. 2-747  
 CUSTOMER PROJECT NO.



**CTEC & ASSOCIATES, INC.**

11443 - 43rd STREET NORTH  
 CLEARWATER, FL 34622  
 (813) 573-4471

**MONITORING WELL REPORT**

DATE: 7-8-96

BY: [Signature]  
 CTEC TECHNICIAN

BY: [Signature]  
 COMPANY REPRESENTATIVE

**CATHODIC PROTECTION SYSTEM**

WORKING PROPERLY	<input type="checkbox"/>
NOT WORKING PROPERLY	<input type="checkbox"/>
NOT INSTALLED	<input checked="" type="checkbox"/>

FACILITY NAME: Amberland Plaza  
 FACILITY ID: 1401  
 ADDRESS: 1401 US Hwy 301 S 5239  
Seelyville, TN

WELL ID	DEPTH OF WELL	DEPTH TO WATER	DEPTH OF WATER	PRODUCT THICKNESS	PRODUCT NO	OVA READING (PPM)	SAMPLE ODOR YES	SAMPLE ODOR NO	COMMENTS
1.		Dry			✓	N/D		✓	
2.		944			✓	N/D		✓	
3.		Dry			✓	N/D		✓	
4.		690			✓	N/D		✓	
5.									
6.									
7.									CF STATION 1401
8.									

PRODUCT	SUMPS	INT. PIPE	NO	DISP	NO	DISP
UNL			1	OK	9	
PLUS			3	OK	11	
PREM			5	OK	13	
DIES			7	OK	15	



STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
PASCO COUNTY PUBLIC HEALTH UNIT

Pasco County Health Department  
Environmental Health Division  
9920 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

April 17th, 1997

Emile Tayeh  
Cumberland Farms, Inc.  
777 Dedham Street  
Canton, MA 02021-9118

RE: Cumberland Farms #1401, 3944 Gall Blvd., Zephyrhills

Dear Mr. Tayeh:

Based on information gathered during a compliance inspection on Facility #518519836 located at the above address, this facility may be in violation of Chapter 62-761 Florida Administrative Code. These violations are described in detail on the attached report. However, the entire code descriptions may not apply to all inspections.

Please review this report and make the corrections in the time frames given. Please contact this department when the corrections have been completed so that we may re-inspect your facility.

If we can be of further assistance to you in this matter please contact us at the above address or telephone number.

Sincerely,

Danny L. Harris  
Environmental Specialist II

DJH:lb  
Attachment

cc: Ken Swann, Env. Manager



State of Florida  
Department of Environmental Regulation  
**Pollutant Storage Tank System  
Inspection Report Form**

Pasco County Health Department, Environmental Health Division  
9930 Land O'Lakes Blvd., Land O'Lakes, FL 34639 - (813) 996-2747; FAX (813) 996 2698

FAC. #518519836 COUNTY: Pasco  
 FAC. NAME: Cumberland Farms #1401  
 FAC. LOCATION: 3944 Gail Blvd., Zephyrhills  
 OPERATOR: Emile Tayeh  
 OWNER: Cumberland Farms, Inc.  
 INSPECTION DATE: 04/01/97

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK CONST	INTEGRAL PIPING	MONITORING SYSTEM	TANK STATUS
1	3000	B	XX/65	U	C	C	I	R
2	3000	B	XX/65	U	C	C	I	R
3	3000	A	XX/65	U	C	C	I	R
4	1000	D	XX/65	U	C	C	J	R
5	8000	B	12/88	U	AFHO	CJ	PHH	U
6	8000	B	12/88	U	AFHO	CJ	PHH	U
7	8000	B	12/88	U	AFHO	CJ	PHH	U

The following code designation(s), which could be in violation, may or may not necessarily match the items checked on the actual inspection form:

10. The monitoring well reports for March 1997, February 1997 & December 1996, were not available. Also, the annual mechanical line leak detector test results were not available. The last available test results were performed in November, 1995. Rule 62-761.710(1)(b) states "All records to be kept pursuant to this Chapter shall, unless otherwise specified in the text of these rules, be maintained for two years and shall be available for inspection by the Department at the facility. If records are not kept at the facility they shall be available at the facility or other location acceptable to the Department upon five working days notice. Records of the following are required: Results of examinations of monitoring wells and other release detection systems." Submit the four requested well reports and mechanical line leak detection test results for 1996 within seven (7) days to this office.

22. Daily water testing was performed and recorded on the daily worksheets but not recorded on the monthly loss/gain reconciliation sheet. Compliance inspectors need to see if the water in the tanks is increasing or decreasing on a weekly basis (release detection). For compliance add the weekly water testing to the monthly reconciliation sheet or have a daily worksheet for each week showing the amounts of water for the scheduled year.

37. Well reports for March 1997, February 1997 & December 1996 were not available. Also, on June 12th, 1996 CTEC only sampled wells #2, 3, & 4, but did not sample #1 (underwater). No documentation was available, that CTEC did return and sample well #1 for the month of May, 1996. Rule 62-761.600(5) states "Release detection shall be monitored for evidence of a discharge from the storage tank system at least every 30 days." Within seven (7) days submit the three requested monitoring well reports to this office. Also, submit documentation for June 1996, the sampling of well #1.

44. Documentation was not available for the annual mechanical line leak detectors test results. The last available test results were November, 1995. Rule 62-761.640 (7) states "In line leak detectors shall alert the owner or operator of the presence of a discharge by shutting off the flow of regulated substances and by triggering a high intensity audible or visual alarm. It shall be capable of detecting discharges of 0.3 gallons per hour at a pressure of ten pounds per square inch within one hour. An annual test of the detector shall be conducted in accordance with the manufacturer's requirements." Submit the leak detector test results to this office within seven (7) days.



**CTEC**

Earth Resources and  
Environmental Services

**ASSOCIATES, INC.**

*No Contamination?*

P.O. Box 271  
Pinellas Park, FL 34664  
(813) 573-4471  
FAX (813) 572-7831

October 27, 1994

Ms. Laurel Lucado  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RECEIVED**  
OCT 28 1994

Department of Environmental Protection  
BY SOUTHWEST DISTRICT

RE: ~~Cumberland Farms, Inc. Facility #1401~~  
U.S. 501 and S.R. 39  
Zephyrhills, Pasco County, Florida  
FDEP Facility #518519836

Dear Ms. Lucado:

The underground storage tanks and lines at the above-referenced facility were tightness tested on October 5, 1994, by AAA Tank Testers. All components tested tight.

Enclosed for your files, please find a copy of these testing results. A copy has also been submitted to EPA - Region IV.

Please feel free to direct any questions or requests for clarification to my attention at the address or telephone number above. Thank you for your attention to this matter.

Sincerely,

Harold G. Shaw  
Director of Engineering



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.  
ATLANTA, GEORGIA 30365

SEP 16 1993

Mr. Emile C. Tayeh, Director  
Environmental Affairs  
Cumberland Farms, Inc.  
777 Dedham St.  
Canton, MA 02021-9115

RECEIVED  
SEP 20 1993  
PASCO COUNTY  
HEALTH DEPT.

RE: Notice of Violation  
Cumberland Farms, Inc. Facility #1401  
Zephyrhills, Florida

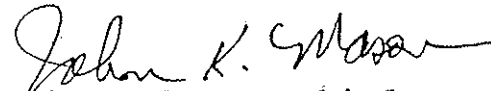
Dear Mr. Tayeh:

We have received correspondence from CTEC & Associates, Inc. dated August 5, 1993, concerning compliance with the federal underground storage tank (UST) leak detection requirements at the referenced facility. Included in the correspondence are tank and line tightness test results showing all three USTs passing on July 20, 1993.

We understand that you have chosen to use annual tank and line tightness along with monthly inventory control, as opposed to using ground water monitoring, to meet the requirements for release detection found at 40 C.F.R. § 280, Subpart D. Annual tank and line tightness testing must be done on an annual basis.

You should be aware that all Cumberland Farms, Inc. facilities are subject to these requirements as well, and are subject to inspection and enforcement to ensure compliance. Thank you for your cooperation in this matter. If you have any questions, please contact Frank Baker at (404) 347-3866.

Sincerely yours

  
John K. Mason, Chief  
UST Section

cc: H. Shaw, CTEC  
J. Peterson, HRS of Pasco Co.  
N. Evans, Florida DER



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.  
ATLANTA, GEORGIA 30365

APR 29 1993

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

*minitiled*  
*DA*

RECEIVED

MAY - 6 1993  
PASCO COUNTY  
HEALTH DEPT.

Mr. Emile Tayeh, Director  
Environmental Affairs  
Cumberland Farms, Inc.  
777 Dedham St.  
Canton, MA 02021-9115

RE: Notice of Violation  
Cumberland Farms #1401 - Zephyrhills, FL

Dear Mr. Tayeh:

Based on an inspection of your referenced facility by the United States Environmental Protection Agency ("EPA") on February 1, 1993, it has been determined that Cumberland Farms #1401 - Zephyrhills, FL is in violation of the Resource Conservation and Recovery Act ("RCRA ") Subtitle I, 42 U.S.C. § 6991b and the Underground Storage Tank ("UST") regulations at 40 CFR Part 280 as promulgated under Subtitle I of RCRA, 42 U.S.C. § 6991b.

More specifically:

40 CFR § 280.40 requires that owners and operators of underground storage tank systems (USTs) provide a method of release detection that can detect a release from any portion of the tank and connected underground piping and must meet the performance requirements of 40 CFR §§ 280.43 or 280.44. The facility uses vapor and ground water monitoring to meet release detection requirements but the site has not been assessed to establish the appropriateness of vapor or ground water monitoring and determine the appropriate number and position of monitoring wells as required by 40 CFR § 280.43(e) and (f).

The regulations governing USTs set forth in 40 CFR Part 280 may be implemented by local, state, or federal agencies. A State program may be approved by EPA if the State demonstrates that its program meets all of the Agency's regulatory requirements. The status of implementing agency has not been approved for Florida, therefore, EPA implements the UST requirements of 40 CFR Part 280. Florida does, however, have an independent UST regulatory program.



The violation above is subject to enforcement action under Subtitle I of RCRA, 42 U.S.C. § 6991e. This Section provides for the commencement of civil actions or the issuance of Compliance Orders which mandate compliance with all provisions of RCRA Subtitle I and the UST regulations and which may assess penalties for violations.

Due to differences between the federal UST program and the Florida UST program, which have recently been noted, we are willing to consider settling this matter without the assessment of penalties. Within thirty (30) days of receipt of this notice, please submit a plan to assess the site for the suitability and design for vapor or ground water monitoring as a leak detection method that will meet the requirements of 40 CFR 280.43(e) or (f), so that within sixty (60) days of receipt of this notice, the USTs will have a leak detection method that can detect a release at any portion of the UST and meet the performance requirements.

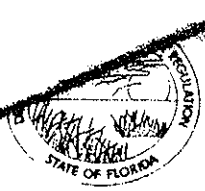
We urge your prompt attention to this matter. A formal enforcement action with a penalty, as referenced above, may be initiated if we are unable to resolve this matter in a timely manner.

Please contact Frank Baker at (404) 347-3866 if you have any questions.

Sincerely yours,

*J. Scott Gordon*  
John K. Mason, Chief  
UST Section

CC: Marshall Mott-Smith, FLDER  
Nancy Evans, FLDER  
Jan Peterson, HRS of Pasco Co.



Name: Cumberland 1401  
 Facility I.D.#: 518519836  
 Date: 2/12/98

UNDERGROUND STORAGE TANK  
 CLOSURE INSPECTION FORM

Yes	No	Unk	N/A
-----	----	-----	-----

I. REGISTRATION AND NOTIFICATION 17-761.400 & 450 FAC: Comments: \_\_\_\_\_

1. All of the facility's tanks properly registered; .400	1.	X			
2. Proper notification made 30 days prior to tank(s) closure; 450 (1) (a)	2.				X
3. Proper notice given 24 hours prior to storage tank(s) closure; 450 (4)	3.	X			

II. CLOSURE PROCEDURES/STATUS: 17.761.800 Comments: \_\_\_\_\_

4. Certified contractor performed the tank removal(s); .740 (2) <i>Piping tanks</i>	4.				X
5. Storage tank(s) properly closed and removed from the site; (2) (d)	5.				X
6. Storage tank(s) properly closed and filled in place; (2) (d)	6.				X
7. Storage tank(s) properly closed within 90 days of discovery; (2) (a)	7.				X
8. All tanks & skids removed from the tank(s); (2) (d)	8.				X
9. Storage tanks properly purged or inerted prior to transport; (2) (d)	9.				X
10. All tanks capped and/or removed	10.	X			
11. All monitoring wells left in place for contamination assessment purposes; (2) (f)	11.				X
12. All monitoring wells have been properly abandoned; .800 (2) (f)	12.				X
13. A closure assessment was properly performed; .800 (3)	13.	X			

III. DISCHARGE REPORTING 17-761.460, F.A.C.: Comments: \_\_\_\_\_

14. Evidence of contamination or a discharge reported (Explain in comments)	14.				X
15. Discharge Reporting Form (DRF) submitted; 460 (2)	15.				X

IV. DISCHARGE RESPONSE: Comments: \_\_\_\_\_

16. Free product present (Explain in comments)	16.				X
17. Free product being removed; 17-761.800 (3) (d) & 17-761.820 (2)	17.				X

Comments: 12/4/97 removal of concrete + piping  
2/5/97 soil samples were taken. Reopened closure 2/12/98.



Lawton Chiles  
Governor

James T. Howell, M.D., M.P.H.  
Secretary

Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Blvd.  
Land O'Lakes, FL 34639  
(813) 996-2747; voice  
(813) 996-2698; fax

February 13th, 1998

Timothy Dowell  
Cumberland Farms, Inc.  
777 Dedham Street  
Canton, MA 02021-9118

RE: Cumberland Farms #1401, 3944 Gall Blvd., Z-hills  
Facility I.D. #518519836

Dear Mr. Dowell:

The Pasco County Health Department has reviewed the line upgrade report for dispenser pans and stop sump upgrade activities submitted by CTEC & Associates, Inc., for the above referenced facility.

It has been determined that the report adequately meets the Department's requirements for a Pollutant Storage System Closure Assessment. The Department has concluded that the requirements for piping closure have been met.

Please note that this letter does not certify that the site is clean, and that the Department reserves the right to require appropriate actions for this site in accordance with the clean up criteria Rule 62-770, Florida Administrative Code.

If this facility is eligible for funding assistance and the owner intends to submit a reimbursement application for a completed program task, such as a contamination assessment with a no further action proposal, the closure assessment must follow the Administrative Code for contamination assessments. This review letter should not be considered Department approval of the closure report as a contamination assessment or a no further action for reimbursement purposes.

If you have any questions regarding this letter, please contact me at the above listed telephone number or address.

Sincerely,

Danny L. Harris  
Environmental Specialist II

DLH:lb

cc: Ken Swann, E.H. Director



Pasco County Health Department  
Marc J. Yacht, M.D., M.P.H. - Director  
10841 Little Road • New Port Richey, FL 34654-2533  
(813) 869-3900 • SunCom 552-7720





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STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

HRS Pasco Co. Public Health Unit  
Environmental Health Services  
9930 Land O'Lakes Blvd.  
Land O'Lakes, FL 34639  
(813) 996-2747

NOTE TO FILE

Facility Name: Cumberland 1401

Facility No.: 8519836

Date: 3/18/98 3/20/98

Message:

- Upgrade
- 1) splice INTO existing SW F/A pipe
  - 2) verify ball floats vent line
  - 3) spill buckets (replace existing)
  - 4) STP sumps
  - 5) dispenser liners w/ new hardware

release detection (wells abandoned during upgrade)

- 1) VISUAL INSPECTIONS OF DISP PANS, STP SUMPS  
veeder root 250

- 2) Tank purge (12 gal) veeder root 250 w/ PTT  
Every 3 years

- 3) Piping m/D's (ANNUAL TEST) w PTT EVERY YEAR

- 4) Inventory.

DISTRICT FIVE • 10841 LITTLE ROAD • NEW PORT RICHEY, FL 34654 2533

Signature of Inspector



Lawton Chiles  
Governor



James T. Howell, M.D., M.P.H.  
Secretary

Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Blvd.  
Land O'Lakes, FL 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

March 23rd, 1998

Lorraine Higgins  
Cumberland Farms, Inc.  
777 Dedham St.  
Canton, MA 02021-9118

RE: Cumberland Farms 1401, 3944 Gall Blvd., Zepheyhills

Dear Ms. Higgins:

Based on information gathered during a compliance inspection on facility #518519836 located at the above address, this facility may be in violation of Chapter 62-761 Florida Administrative Code. These violations are described in detail on the attached report. However, the entire code descriptions may not apply to all inspections.

Please review this report and plan to provide us with a response within the time frames given. You are responsible for correcting the deficiencies noted. Please contact this department when the corrections have been completed so that we may re-inspect your facility.

If we can be of further assistance to you in this matter please contact us at the above address or telephone number.

Sincerely,

A handwritten signature in cursive script that reads "Danny L. Harris".

Danny L. Harris  
Environmental Specialist II

DLH:lb  
Attachment

cc: Ken Swann, E.H. Director



Pasco County Health Department  
Marc J. Yacht, M.D., M.P.H. - Director  
10841 Little Road • New Port Richey, FL 34654-2533  
(813) 869-3900 • SunCom 552-7720





State of Florida  
 Department of Environmental Regulation  
**Pollutant Storage Tank System  
 Inspection Report Form**

Pasco County Health Department, Environmental Health Division  
 9930 Land O'Lakes Blvd., Land O'Lakes, FL 34639 - Phone 996-2747; FAX 996-2698

FAC. #518519836 COUNTY: Pasco  
 FAC. NAME: Cumberland Farms #1401  
 FAC. LOCATION: 3944 Gall Blvd., Zephyrhills  
 OPERATOR: Lorraine Higgins  
 OWNER: Cumberland Farms, Inc.  
 INSPECTION DATE: 3/20/98

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK TYPE	INTEG. PIPING	MON. SYSTEM	TANK STATUS
5	8000	B	12/88	U	FMOA	CJ	BILOM	U
6	8000	B	12/88	U	FMOA	CJ	BILOM	U
7	8000	B	12/88	U	FMOA	CJ	BILOM	U

The following code designation(s) may be in violation as follows:

10. Some of the records were not available for the inspection. The following records for the underground storage tank system are required to be available for a reinspection fourteen (14) days from the date of receipt of this letter.

*17 needed 2/1/98 - 12/1/98 Form 17-761.900(3)*  
 A. Current documentation to demonstrate financial responsibility. Form 17-761.900(3) was dated 2/01/97 to 2/01/98.

All records required to be kept pursuant to this Chapter shall, unless otherwise specified in the text, be maintained in permanent form for two years and shall be available for inspection by the Department at the facility. If records are not kept at the facility, they shall be available at the facility or other location acceptable to the Department upon five working days notice [F.A.C. 62-761.710].



# Florida Department of Environmental Regulation

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

DER Form #	17-761.900(3)
Form Title	Certification of Financial Responsibility
Effective Date	December 10 1990
DER Approval No.	(Print in the DER.)

## Certification of Financial Responsibility

Owners or operators of underground and aboveground storage tank systems regulated by Section 376.301, Florida Statutes shall use this form to demonstrate financial responsibility as required by Section 17-761.480 and 17-762.480, Florida Administrative Code. Owners or operators shall keep this form at the facility where the storage tank system(s) is located and shall make this available upon five working days notice to the Department or locally administered program under contract with the Department.

### Certification

Cumberland Farms, Inc.

(Name of owner or operator)

certifies that this facility is in compliance with the requirements of the federal financial responsibility rules as referenced in Section 17-761.48 and Chapter 17-769, Florida Administrative Code. Compliance with these financial responsibility rules includes taking corrective action and compensating third parties for bodily injury and property damage caused by a release from the storage tank system(s) at this location.

### Financial Mechanism

The financial assurance mechanism(s) used to demonstrate financial responsibility specified in the Federal Register are as follows:

Name of Issuer	Amount of Coverage	Period of Coverage
<u>Florida Petroleum Liability and Restoration Insurance Program</u>	<u>\$150,000.00</u>	<u>2/1/98 to 12/31/98</u>
<u>(Self Insured)</u>	<u>\$10,000.00 deductible</u>	

Commonwealth of Massachusetts  
County of Norfolk

### General Certification Information

For  
Cumberland Farms, Inc.

Donald Holt  
Chief Financial Officer

3/11/98

Title

Date

3/11/98

Date

D.S. Holt  
Signature of owner or operator

Maureen Dickson

Name of witness or notary

Maureen Dickson  
Signature of witness or notary

3/11/98  
Date

Facility Identification No.: 518519836

Facility Name: Cumberland Farms, Inc. #1401

Facility Address: 1401 US 301 9 SR 39  
Zephyrus Hills, FL

The owner or operator must update this certification whenever the financial insurance mechanism(s) used to demonstrate financial responsibility change(s). Please attach documentation to demonstrate the mechanism used to provide financial responsibility in accordance with federal rules - 40 CFR Part 280.107(b). If eligible for the Pollution Liability Insurance and Restoration Program, attach a copy of the Certificate of Eligibility - DER Form #17-769.999(2).

Northeast Office  
180 Government Center  
Tallahassee, Florida 32301-1784  
904-438-4300

Northeast Office  
7823 International Way, Suite 6 200  
Jacksonville, Florida 32207  
904-786-4300

Central Office  
3379 Macquere Blvd, Suite 222  
Orlando, Florida 32803-3767  
407-384-7555

Southeast Office  
4520 Oak Leaf Blvd  
Tallahassee, Florida 32310-7347  
913-423-3641

South Office  
2788 Bay St  
Fort Myers, Florida 33901-2999  
813-337-6973

Southeast Office  
1800 S. Commercial Ave., Suite 4  
West Palm Beach, Florida 33408  
407-433-2650



777 DEDHAM STREET, CANTON, MASSACHUSETTS 02021-9118  
PHONE: 781-828-4900 WEBSITE: www.cumberlandfarms.com

RECEIVED  
APR 13 1998  
E/H SERVICES

April 6, 1998

Mr. Danny L. Harris  
Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639

RE: Cumberland Farms #1401  
3944 Gall Boulevard  
Zephyrhills, Florida  
DEP Facility ID# 518519836

Dear Mr. Harris:

This letter shall serve as a response to a recent compliance inspection performed at the above referenced facility. Cumberland Farms, Inc. (CFI) offers the following answers relative to the issues raised in your letter dated March 23, 1998 and received in this office March 30, 1998.

- #10 A. - Enclosed is a copy of the Certification of Financial Responsibility for 2/1/98 - 12/31/98.

If you have any questions, please do not hesitate to contact me at the letterhead address or call me at (781) 828-4900, ext. 3414.

Sincerely,

Timothy W. Dowell  
Project Manager

c: File

TD/jma



United 500 Number 559  
(Site 20)

Completed Inspection Addendum

IDENT # 578579811 Facility Name/Address United 500 559

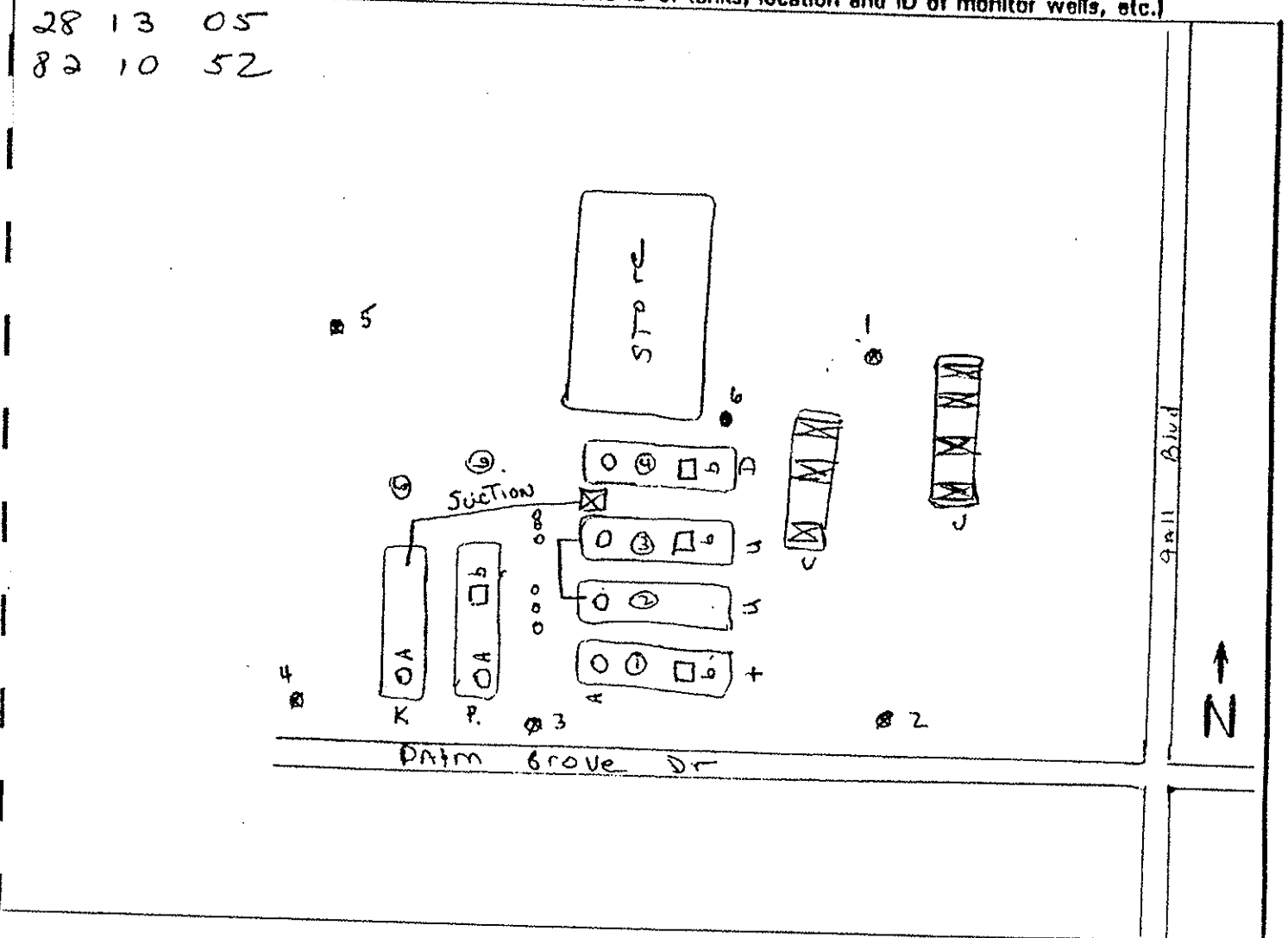
Date of Inspection 7/20/95 Inspector DANNY HARRIS

Leakage on Site 1

Facility Contact/Address/Phone T. D. McKee, John Pergala

Owner Contact/Address/Phone \_\_\_\_\_

Site Plan (include buildings, roads (labelled), location and ID of tanks, location and ID of monitor wells, etc.)



Method of leak detection for tanks \_\_\_\_\_  
 Method of leak detection for piping \_\_\_\_\_

Comments A) Fill pipe w/ spill buckets b) store w/ mach leak detectors  
Tanks # 1, 2, 3, 4, 6 Tanks 2+3 manifold, 5 is suction (Kerosene)  
Tanks 5 & 6 has lever type overfill protection, tank 1-4 has drop  
Tubes only.

*Complete Report*  
*10/22/97*  
*Harold Hargrove*

*6*

Florida Department of Environmental Protection  
 Pollutant Storage Tank Application  
 Facility Inspection Cover Page

Facility Information

Id #: 8519811  
 Name: UNITED 500 #559  
 4127 GALL BLVD  
 ZEPHYRHILLS, FL 33599  
 Contact: RANDY STORER  
 Latitude: 28:14:22 Longitude: 82:11:08

District: SWD  
 County: PASCO  
 Type: Retail Station  
 Status: OPEN  
 Phone: 813-788-2685

Placard issued May 9, 97 Pd.  
 OCT 25, 96 - OCT 25, 97 PLAT  
 EDI - 30 - 6/9/87 - ONGOING

Account Owner Information

Name: UNITED PETROLEUM INC  
 7305 ROWLETT PARK DR  
 TAMPA, FL 33610-1141  
 Phone: 813-238-6491

*NOT A compliance*  
*10,000/*  
*1) NW 26 Dept water 10'*  
*NO SLOPE*  
*NO P.P.*  
*STAIRS MARKED 3- MIDS*  
*Needs overflow protection*  
*3 SW 60 ppm*

*I NE 70 ppm*

*DISPEN*  
*OK*

Tank Owner Information

Name: UNITED PETROLEUM INC  
 7305 ROWLETT PARK DR  
 TAMPA, FL 33610-1141  
 Phone: 813-238-6491

*5 NW 58 ppm*

*2 SE 11 Dry (6' water)*

*6 NE (same as NW 4)*  
*Jointly used*

*5x6 overflow protection*  
*4 SW 52 ppm*

*5 C (same as SW 3)*  
*Jointly used*

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	4000	B	01-JUL-65	UNDERGR	U	B M	E J	B H M
2	4000	B	01-JUL-65	UNDERGR	U	B C M	B E J	B H M
3	4000	B	01-JUL-65	UNDERGR	U	B M	E J	B H M
4	4000	D	01-JUL-65	UNDERGR	U	B M	E J	B H M
5	4000	K	01-JUL-74	UNDERGR	U	B M N	E I K	B M
6	4000	B	01-JUL-74	UNDERGR	U	B M	E K	B H M

*Sketch p. 11's*

*LE detector print*





Name: United 500 539  
 Facility I.D.#: 8517811  
 Date: 10/22/97

UNDERGROUND STORAGE TANK  
 COMPLIANCE INSPECTION FORM

Yes No Unk N/A

**REGISTRATION/NOTIFICATION:** Comments: \_\_\_\_\_

1. Facility has registered all applicable tanks on site; 62-761.400	1.	X			
2. Current registration placard is properly displayed; 62-761.410 (6)	2.	X			
Proper notification has been made for the following; 62-761.450:					
3. Proper closure (30 days prior); (1) (a)	3.				
4. Change of ownership (30 days after); (1) (b)	4.				
5. Upgrading, replacement or installation (10 days prior); (1) (c)	5.				
6. Change of tank status (in service/out of service), (within 30 days); (1) (d)	6.				
7. Change of facility status (e.g. substances stored); (within 30 days); (1) (e)	7.				
8. Change of method of financial responsibility (within 30 days); (3)	8.				
9. Start of closure, upgrades or installation (24 hr. verbal or written); (4)	9.				X

**RECORDS KEEPING:** Comments: Flipa insured Oct 25 1996 - Oct 25 1997, inventory available; Annual min's test results;

10. All records were maintained for two (2) years and were available for inspection within five (5) working days; 62-761.710 (1)	10.	X			
11. Some, but not all records were maintained for two (2) years and were available for inspection within five (5) working days; 62-761.710 (1)	11.				

**REPORTING/DISCHARGE RESPONSE/ REPAIRS:** Comments: \_\_\_\_\_

Proper reporting requirements have been met for the following; 62-761.460:

12. Results of tightness test; (1)	12.				
13. Any spill, overflow, or other discharge within one working day of discovery; (2)	13.				
14. Suspected releases within one working day of discovery; (3) (a); (b)	14.				
15. Confirmed releases (positive responses of a release detection device) within one working day of discovery; (3) (c)	15.				
The owner or the operator of the system which has discharged has:					
16. Taken it out of service; 62-761.700 (1), had it repaired or replaced; 700; or properly closed it; 620 (1)	16.				
17. Removed any regulated substances from the system; 62-761.820 (1)	17.				
18. Tightness tested all repaired components before placing them back in service; 62-761.700 (6)	18.				
19. Had repairs or replacements performed by a certified contractor; 489.105 (3)	19.				
20. Had tightness test performed by registered tank tester; 62-761.200	20.				
21. Begun initial corrective actions for a release; 62-761.820 (2)	21.				

**INVENTORY REQUIREMENTS:** Comments: \_\_\_\_\_

22. All inventory requirements maintained in accordance with 62-761.720 (1)	22.	X			
23. Some, but not all inventory requirements maintained in accordance with 62-761.720 (1)	23.				

**PERFORMANCE STANDARDS/CATHODIC PROTECTION:** Comments: \_\_\_\_\_

Storage tank criteria; 62-761.500, 520 and 550:

24. Facility meets applicable storage tank standards; (1)	24.				
25. Systems meet siting requirements; (4)	25.				
26. Tank(s) equipped with spill containment; (5) (b)	26.	X			
27. Tank(s) equipped with overfill protection; (5) (b)	27.				
28. Facility meets construction upgrading schedule; 62-761.510	28.	X			

*M 12/31/97 repair 1-4 tanks*



Name: United 500 589  
 Facility I.D.#: 8519811  
 Date: 10/22/97

UNDERGROUND STORAGE TANK  
 COMPLIANCE INSPECTION FORM

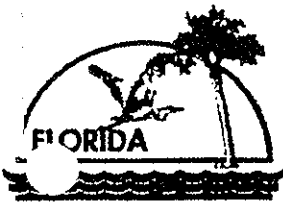
		Yes	No	Unk	N/A
V.	PERFORMANCE STANDARDS/CATHODIC PROTECTION: Continued: <u>Morgan Pot Contractor 904-877-9118</u> <u>3/6/97 Tested his 3/6/97</u>				
	Piping criteria: 62-761.500:				
	29. New piping has secondary containment; (2)				
	30. Dispensers are upgraded with properly installed and maintained liners; (6)	X			
	31. Facility meets construction upgrading schedule; 62-761.510 (6)				X
	Cathodic Protection/Certified Contractors/Tightness Testing				
	32. Cathodic protection system provides continuous protection; 62-761.730 (1); (4)	X			
	33. PSSSC conducted all storage tank repairs, installations or removals; 62-761.740 (1)-(9)				X
	34. Tests performed by a D.P.R. registered tester; 62-761.740				X

VI.	RELEASE DETECTION/MONITORING WELLS: Comments: <u>MANITEX wells &gt; 50 ppm. well #6 &gt; 1000 ppm</u> <u>NOT A Compliance well</u>				
	35. New releases of hazardous substance storage tanks provided with an approved release detection system upon installation; 62-761.600 (3)				X
	36. All release detection systems meet general release standards; 62-761.600		X		
	37. Release detection systems are monitored for discharge at least every six months; 62-761.600 (6)	X			
	38. Groundwater monitoring wells are properly sampled and meet requirements of 62-761.640 (1)				X
	39. Gas monitoring wells are properly sampled and meet the requirements of 62-761.640 (2)				X
	All approved release detection system is provided for:				
	40. Existing hazardous substance storage tanks; 62-761.660				
	41. Existing vehicular fuel storage tanks; 62-761.610		X		
	42. Other existing regulated substance storage tanks; 62-761.620				X
	43. Integral piping provided with secondary containment; 62-761.630				X
	44. Integral piping without secondary containment; 62-761.640 (8) <u>4 tanks tested 7/29/97</u>	X			

VII.	OUT-OF-SERVICE STATUS: Comments:				
	45. Storage systems have been emptied of regulated substances; 62-761.200 (26)				X
	Out-of-Service storage tank systems have; 62-761.800:				
	46. Corrosion protection properly maintained; (1) (a) (d)				X
	47. Release detection system, monitored for evidence of a discharge at least every six months; (1) (a) (2)				X
	48. Valve line open auxiliary equipment secured; (1) (b)				X
	49. Been upgraded or replaced before returning to service; (1) (c)				X
	50. Been tested tight before returning to service; (1) (c)				X
	51. Been out-of-service for no more than two years; (1) (d)				X
	52. Been out-of-service for no more than 12 months (unprotected bare steel systems); (2) (b)				X
	53. Proper closure for an un-maintained tank; (2)				X
	54. Has a closure assessment performed; (3)				X

VIII.	VARIANCE: Comments:				
	55. Facility Applied For Alternate Procedure (Explain in comments) 62-761.850				X

IX.	OTHER: Comments:				
	56. Any other violations noted during inspection (Explain in comments)				A



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

April 12, 1998

**RECEIVED**

APR 17 1998

Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

Mr. T. O. McRae  
United Petroleum Inc.  
7305 Rowlett Park Drive  
Tampa, Florida 33610-1141

Re: United 500 # 559  
FDEP Facility # 518519811  
Discharge Date: January 1, 1987

Dear Mr. McRae:

The Site Priority Ranking Rule, Chapter 62-771, Florida Administrative Code, establishes a scoring system the Department uses to assign priority scores to petroleum contaminated sites. The scoring system is based upon the potential threat to public health, safety, and welfare; drinking water supplies; and the environment.

Each site eligible for cleanup funding assistance is scored according to this system. The above site has received a score of 68. Each eligible site is ranked in relation to all other eligible sites. Ranking and funding are performed by the DEP quarterly in February, May, August, and November of each year. A letter will be sent to the registered site owner indicating the facility's score and rank following the next quarterly ranking. Thereafter, all program sites receive an annual ranking letter in November.

If you have any questions or comments on your site's score or rank, please contact me at the letterhead address, Mail Station 4545 or call 850/487-3299.

Sincerely,

*Edgar Echevarria for*

Grace Rivera  
Environmental Specialist III  
Petroleum Cleanup Section 2

GR/ee

Enclosure: PCT printout

cc: Southwest District DEP Office  
Mr. William Lais, OES, 20 Lake Wire Drive, Lakeland, Florida 33815  
File

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

*Printed on recycled paper.*

Co / Facility: 51 / 8519811	Facility Name and Address: UNITED 500 #559 4127 GALL BLVD ZEPHYRHILLS Florida	Manager:	Role: ONGO
		Facility Cleanup Status:	Highest Discharge Score: 68
		Discharge Record:	1 of 1

Cleanup Info: INACTIVE	Info Source: E-EDI	Discharge Score: 68
	Lead Agency: BWC -BUREAU OF WASTE	Score Effective Date: 12-APR-1998
	Clean Required: R-CLEANUP REQUIRE	Rank: 5361 of 12638 on 11-MAR-98

Discharge Info:	Discharge Date: 01-JAN-1987	Inspection Date: 22-APR-1987
	Combined With:	Cleanup Status/Date: SA /26-MAY-1995

Eligibility and Application Info:	Application Received	Cleanup Program Lead		----- Determination -----		
		Status	Letter Sent	Redetermined?	Letter Sent	Redetermined?
v	02-MAR-1987	E	R	E	09-JUN-1987	N

The line below contains a 'v' to indicate more data. Press the UP or DOWN arrow  
 Count: 1 <Replace>



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

AUG 17 1998

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Mr. George R. Bassett  
Palm Environmental Funding  
9690 Deereco Road  
Timonium, Maryland 21093

**RE: Order of Determination of Reimbursement dated  
October 1, 1996, for the Contamination Assessment  
program task at the United 500 #559 site located  
at 4127 Gall Boulevard, Zephyrhills, Florida  
DEP Facility Number 518519811**

Dear Mr. Bassett:

We have completed review of the documentation submitted in support of your request for reimbursement of costs which were denied in the Reimbursement Order referenced above.

The documentation submitted has been determined to be adequate. Therefore, the total \$4,289.50 requested is allowable for reimbursement. This amount will be paid to the Person Responsible for Conducting Site Rehabilitation when processing is completed by the Comptroller's Office. The Department concurs that an error was made in the original review of the application referenced above. Therefore, pursuant to Rule 62-773.750(10), Florida Administrative Code (F.A.C.), this supplemental payment is being processed without delay.

### YOU HAVE THE FOLLOWING OPTIONS

If you accept the above decision by the Department regarding this supplemental payment request you do not have to do anything. This Order (and the original Order of Determination of Reimbursement) will become final **30 days** after the date on the



*Compliance Inspector*

*9/30/98*



This data is current as of: 12-AUG-98

**Florida Department of Environmental Protection  
Pollutant Storage Tank Application  
Facility Inspection Cover Page**

**Facility Information**

Id#: 8519811  
Name: UNITED 500 #559  
4127 GALL BLVD  
ZEPHYRHILLS, FL 33599-  
Contact: RANDY STORER  
Latitude: 28: 14: 22

District: SWD  
County: Pasco  
Type: Retail Station  
Status: OPEN  
Phone: 813-788-2685  
Longitude: 82: 11: 08

**Account Owner Information**

Name: UNITED PETROLEUM INC  
7305 ROWLETT PARK DR  
TAMPA, FL 33610-1141  
Phone: 813-238-6491

*INV DUE 150 DEADLINE*  
*EDT Eligible 68 ONGOING*  
*OCT 25, 1997 - OCT 25, 1997 FLPA*

**Tank Owner Information**

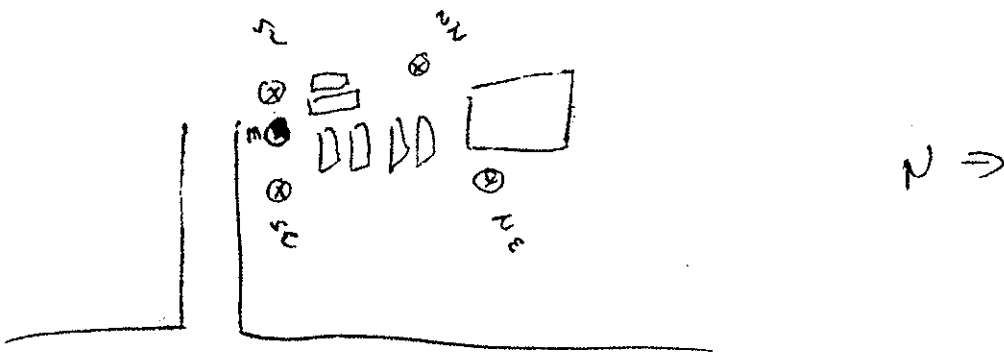
Name: UNITED PETROLEUM INC  
7305 ROWLETT PARK DR  
TAMPA, FL 33610-1141  
Phone: 813-238-6491

*NE 7305 ROWLETT PARK DR*  
*SE 7305 ROWLETT PARK DR*

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	4000	B	01-JUL-65	UNDERGROUND	U	B M	E J	B H M
2	4000	B	01-JUL-65	UNDERGROUND	U	B C M	E J	B H M
3	4000	B	01-JUL-65	UNDERGROUND	U	B M	E J	B H M
4	4000	D	01-JUL-65	UNDERGROUND	U	B M	E J	B H M
5	4000	K	01-JUL-74	UNDERGROUND	U	B M N	E I K	B M
6	4000	B	01-JUL-74	UNDERGROUND	U	B M N	E J K	B H M

*DEPT 5013*

Facility has been closed since ~ Feb 98  
Stuck all Tanks 42" of product  
will remove to 0 on all tanks on 9/30/98



N W 30 ppm

NE > 1000 ppm NO SHOW / NO FREE PRO

SE > 1000 ppm old free product 3"

SW 32 ppm

middle 38 ppm

Facility: Facility Name and Address: 8519811 UNITED 500 #559 4127 GALL BLVD ZEPHYRHILLS Florida		Manager: Role: Facility Cleanup Status: ONGO Highest Discharge Score: 68 Discharge Record: 1 of 1	
Cleanup Info: INACTIVE	Info Source: E-EDI Lead Agency: BWC -BUREAU OF WASTE Clean Required: R-CLEANUP REQUIRE	Discharge Score: 68 Score Effective Date: 12-APR-1998 Rank: 1347 of 12650 on 04-AUG-1998	
Discharge Info:	Discharge Date: 01-JAN-1987 Combined With:	Inspection Date: 22-APR-1987 Cleanup Status/Date: SA /12-APR-1998	
Eligibility and Application Info:	Application Received 02-MAR-1987	Cleanup Program Lead E R	Determination Status Letter Sent Redetermined? E 09-JUN-1987 N

The line below contains a 'v' to indicate more data. Press the UP or DOWN arrow.  
 Count: \*1 <Replace>



Lawton Chiles  
Governor



James T. Howell, M.D., M.P.H.  
Secretary

Pasco County Health Department  
Environmental Health Division  
9930 Land O'Lakes Blvd.  
Land O'Lakes, FL 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

October 13th, 1998

T.D. McRae  
United Petroleum, Inc.  
7305 Rowlett Park Dr.  
Tampa, FL 33610-1141

RE: United 500 #559, 4127 Gall Blvd., Zephyrhills

Dear Mr. McRae:

Based on information gathered during a compliance inspection on facility #518519811 located at the above address, this facility may be in violation of Chapter 62-761 Florida Administrative Code. These violations are described in detail on the attached report. However, the entire code descriptions may not apply to all inspections.

Please review this report and plan to provide us with a response within the time frames given. You are responsible for correcting the deficiencies noted. Please contact this department when the corrections have been completed so that we may re-inspect your facility.

If we can be of further assistance to you in this matter please contact us at the above address or telephone number.

Sincerely,

A handwritten signature in cursive script that reads "Danny L. Harris".

Danny L. Harris  
Environmental Specialist II

DLH:lb  
Attachment

cc: Ken Swann, Env. Manager



Pasco County Health Department  
Marc J. Yacht, M.D., M.P.H. - Director  
10841 Little Road • New Port Richey, FL 34654-2533  
(813) 869-3900 • SunCom 552-7720





State of Florida  
Department of Environmental Regulation  
**Pollutant Storage Tank System  
Inspection Report Form**

Pasco County Health Department, Environmental Health Division  
9930 Land O'Lakes Blvd., Land O'Lakes, FL 34639 - Phone 996-2747; FAX 996-2698

FAC. #518519811 COUNTY: Pasco  
FAC. NAME: United 500 #559  
FAC. LOCATION: 4127 Gall Blvd., Zephyrhills  
OPERATOR: T.D. McRae  
OWNER: United Petroleum, Inc.  
INSPECTION DATE: 9/30/98

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK TYPE	INTEG. PIPING	MON. SYSTEM	TANK STATUS
1	4000	B	07/65	U	BM	EJ	BIIM	U
2	4000	B	07/65	U	BCM	BEJ	BIIM	U
3	4000	B	07/65	U	BM	EJ	BIIM	U
4	4000	D	07/65	U	BM	EJ	BIIM	U
5	4000	K	07/74	U	BMN	EIK	BIIM	U
6	4000	B	07/74	U	BMN	EJK	BIIM	U

The following code designation(s) may be in violation as follows:

6. It appears this facility is in a out of service status but no notification had been submitted. Within fourteen (14) days submit form 62-761.900(2) to the Department of Environmental Protection with a copy to this office as to the effective date of when this station went out of service.

10. The inventory reconciliation records from 10/97 to 9/98 were not available. Also, the annual mechanical leak detector test results (last test done 7/29/97) and the internal inspection of the tanks were not available. Chapter 62-761.710(1)(2) states "All records shall be dated, maintained in permanent form, and available for inspection by the Department or County. If records are not kept at the facility, they shall be made available at the facility or another agreed upon location upon five working days notice. Site access to the facility shall be provided for compliance inspections conducted at reasonable times.

Records of the following are required to be kept for two years:

- (a) Measurements and reconciliations of inventory, as applicable;
- (b) Repair, operation, and maintenance records;
- (c) Release detection results, including electronic test results, regardless of the frequency, and monthly visual inspection performed in accordance with Rule 62-761.640(2)(e), F.A.C. The presence of a regulated substance's odor, sheen, or free product shall be recorded for each sampling event."

Continued Next Page

Page Two

Submit the inventory reconciliation reports, current leak detector test results, and the internal inspection report to this office within fourteen (14) days of receipt of this letter.

22. The inventory control records were not available. Rule 62-761.640(3)(b)1a states "Inventory control shall be maintained for each single-walled tank that contains vehicular fuel." Furthermore, Rule 62-761.640(3)(b)2a-f states "Inventory control for USTs and shop-fabricated ASTs shall be performed and recorded in accordance with API RP 1621, as applicable. Manifolder tanks may be treated as a single tank for the purposes of inventory control. Inventory control shall be performed in the following manner:

- a. Volume measurements for product inputs, withdrawals, and the amount remaining in each tank shall be recorded each operating day;
- b. Measurements of product levels shall be recorded to the nearest one-eighth of an inch;
- c. Product inputs shall be reconciled with delivery receipts by measurement of the tank product volume before and after delivery;
- d. Product dispensed shall be metered as required by Chapters 525 and 531, F.S., and in accordance with the standards established by the Florida Department of Agriculture and Consumer Services in Chapter 5F-2, F.A.C.;
- e. The measurement of water level in the bottom of the tank shall be made at least once a week to the nearest one-eighth of an inch; and
- f. The significant loss or gain of product shall be calculated for each month."

Within fourteen (14) days submit copies of the inventory reconciliation records from 10/97 to the present date to this office.

44. Documentation was not available for the annual mechanical line leak detection test results. The most current available test results were performed on 7/29/97. Rule 62-761.640(3)(d)1&b states "Line leak detectors for USTs. Line leak detectors shall have an annual test of the operation of the leak detector conducted in accordance with the manufacturer's requirements by an individual certified or trained by the manufacturer to determine whether the device is functioning as designed. Remote testing of the leak detector can be performed by the manufacturer if the remote test is approved under Rule 62-761.850(2), F.A.C." Submit the mechanical leak detector test results to this office, within fourteen (14) days of receipt of this letter.

Continued Next Page

Page Three

45. At this time, the facility has not met the requirements for storage tank systems which are in the out of service status. Rule 62-761.800(2)(a) 1a-c states "Storage tank systems that are taken out of service, as defined in Rule 62-761.200(54), F.A.C., shall:

- a. Continue to operate and maintain corrosion protection in accordance with Rule 62-761.700(1)(b), F.A.C.;
- b. Perform external release detection for sites without contamination, as applicable, every six months in accordance with provisions of Rule 62-761.640(2), F.A.C.;
- c. Leave vent lines open and functioning;
- d. Empty the system and cap or secure all lines, pumps, manways, and ancillary equipment, as applicable; and
- e. Secure or close off the system to outside access."

If this facility is in the out of service status, then you must meet the requirements as stated within fourteen (14) days.

46. An internal inspection of the storage tanks is required if they are considered in service. These tanks were relined in October, 1987.

\*REMINDEES:

1. Some upgrade work will be required by December 31st, 1998.
2. The fill box covers (lids) must be painted in accordance with API RP 1637 by December 31st, 1998.
3. Groundwater and vapor compliance monitoring wells that are intended to be used as a means of external release detection must be shown that they meet the standards in Rule 62-761.640(2)(a)(d) by December 31st, 1998. Compliance wells that cannot meet these standards must be closed by December 31st, 1998 and another means of release detection must be implemented.
4. The submersible turbine pump shall be protected from corrosion if it is in contact with the soil, by December 31st, 1998.



Truck Spills  
(Site 23)

# ALLIED

Environmental Consultants, Inc.

96-SW-0794

April 11, 1996

Mr. Andrew J. Adams  
Adams Tank & Lift, Inc.  
8440 43rd Street North  
Pinellas Park, Florida 34665

and

Mr. Guy Harbuck  
R.D.L., Inc.  
Post Office Box 546  
Homerville, Georgia 31634

**Re: Client/Project: 21293-0100**  
**Soil Organic Vapor Analysis Report**  
**Ryder Truck Spill**  
Interstate 4 and Exit 13 Westbound  
Plant City, Florida

Gentlemen:

Allied Environmental Consultants, Inc. (AEC) has completed the organic vapor analysis of soils excavated at the above referenced location as a result of a diesel fuel release occurring on March 18, 1996. Enclosed are two (2) copies of the Soil Organic Vapor Analysis Report documenting the results of the soil screenings and laboratory analysis of the soil prior to its incineration.

We appreciate the opportunity to have been of assistance to you. If you have any questions, please don't hesitate to call me at (813) 822-7477.

Sincerely,

**ALLIED ENVIRONMENTAL CONSULTANTS, INC.**

*Leanna J. Titus*

Leanna J. Titus  
Senior Project Manager

Enclosure

D.E.P.  
APR 15 1996  
SOUTHWEST DISTRICT  
TAMPA

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2.2	ASSESSMENT GUIDELINES FOR SOILS .....	3
2.3	SOIL SCREENING AND EXCAVATION ACTIVITIES .....	4
3.0	<u>CONCLUSIONS</u> .....	5

### APPENDICES

APPENDIX A - SITE PLAN MAP

APPENDIX B - SOIL SAMPLE LOCATION MAP

APPENDIX C - SOIL ORGANIC VAPOR ANALYSIS RESULTS

APPENDIX D - LABORATORY RESULTS

APPENDIX E - SITE PHOTOGRAPHS



## 1.0 INTRODUCTION

Pursuant to Chapter 62-770 of the Florida Administrative Code (F.A.C.), Allied Environmental Consultants, Inc. (AEC) has completed an Initial Remedial Action (IRA) for a release of diesel fuel from a Ryder truck that occurred on the westbound shoulder of Interstate 4, just west of Exit 13 in Plant City, Polk County, Florida (See Site Plan Map, Appendix A). This IRA was conducted using AEC's State of Florida Comprehensive Quality Assurance Plan (CompQAP #93-0112G).

AEC was contracted by Adams Tank & Lift, Inc. (Adams) to perform the organic vapor analyses of soils excavated from the spill area using an Organic Vapor Analyzer (OVA) equipped with a Flame Ionization Detector (FID) to identify contaminated soils present in excess of the 50 ppm regulatory criteria for diesel fuel (per F.A.C. 62-770). This report describes the field techniques employed for the investigation and presents the results of the soil screenings and disposition of excessively contaminated soil excavated.

Excessively contaminated soils exhibiting OVA/FID readings in excess of 1000 parts per million (ppm) were encountered at the spill site. Soils with OVA/FID readings greater than 50 ppm were excavated and stockpiled on visqueen. Approximately 49 tons of contaminated soil was stockpiled and then transported by dump truck to Geologic Recovery Systems for incineration. The excavation was backfilled with clean soil and resodded.

## 1.1 BACKGROUND

According to information obtained from Adams' spill response personnel, the release occurred on March 18, 1996 at approximately 8:00 pm. An estimated 100 gallons of diesel product was released from a 130 gallon Ryder truck fuel tank on the westbound shoulder of Interstate 4, just west of Exit 13 in Plant City, Florida. Underground utility clearances were requested on March 18, 1996 and full clearance was given by 11:00 am on March 19, 1996. Florida Department of Transportation (FDOT) personnel were present during the soil screening and removal activities.

## 1.2 LOCATION AND TOPOGRAPHY

The affected surface area measured approximately 20' x 40' and was covered with grass. The area measured twenty (20) feet at the edge of the asphalt paved shoulder, extending forty (40) feet down an embankment, on the north side of the Interstate (See Site Photographs, Appendix E).

The embankment had an estimated drop of twelve (12) feet from the roadway edge and the water table elevation ranged from 1.5' to 4' below the land surface in the excavation area. At the base of the embankment is a drainage area planted with red-maple trees. There was no sheen observed in the drainage area on March 19, 1996.

## 2.0 SOIL SCREENING ACTIVITIES

### 2.1 EQUIPMENT

A Foxboro Model 128 Organic Vapor Analyzer (OVA/FID), equipped with a Flame Ionization Detector (FID) was used for the soil screening. The OVA/FID was calibrated according to the manufacturer's specifications, using 85 parts per million (ppm) CH<sub>4</sub> (methane). The FID was equipped with a charcoal filter which allows discrimination between petroleum hydrocarbons and naturally occurring methane vapors in the soil. With the filter in place, only methane is measured. The level of petroleum hydrocarbons is obtained by subtracting the filtered reading from the unfiltered reading.

### 2.2 ASSESSMENT GUIDELINES FOR SOILS

Chapter 62-770.200 (2), FAC, defines excessively contaminated soils as those soils which are saturated with petroleum or petroleum product, or those soils which have a total hydrocarbon reading of 500 ppm (or greater) for the Gasoline Analytical Group or 50 ppm for the Diesel/Kerosene Analytical Group when using an OVA/FID. All soils were screened using the 50 ppm criteria for the Diesel/Kerosene Analytical Group to define "excessively" contaminated soils.

### 2.3 SOIL SCREENING AND EXCAVATION ACTIVITIES

To determine the extent of soil area to be excavated, Adams personnel removed the grass sod from the shoulder and at three (3) foot sections down the embankment as surface soils were examined with the OVA/FID for petroleum hydrocarbons by AEC personnel. An area measuring 20' wide across the shoulder and 40' down the embankment was identified. A Bobcat loader and a Case backhoe/loader were used to excavate subsurface soils for OVA/FID screening. Ms. Leanna Titus, Senior Project Manager with AEC, conducted the soil OVA/FID analysis.

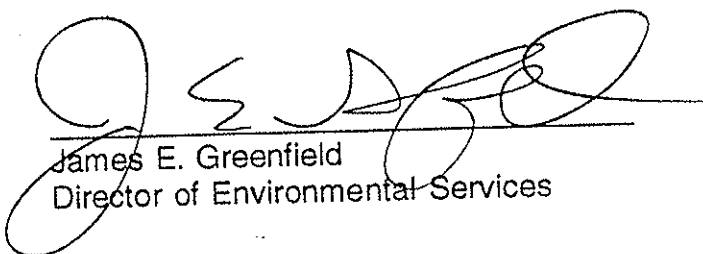
Soil samples were collected for OVA/FID screening at approximate one (1) foot intervals down to the soil/groundwater interface. The depth of the interface occurred from 1.5' to 4' below the land surface, as soil was excavated down the embankment. The soils were of a dark brown fine sand throughout the excavation area (See Soil Sample Location Map, Appendix B; and Soil Organic Vapor Analysis Results, Appendix C).

Petroleum hydrocarbons above the 50 ppm criteria were excavated and stockpiled on visqueen. Some soil screening locations showed elevated petroleum hydrocarbon concentrations at the soil/groundwater interface. No soil below the interface was excavated. The excavation was backfilled and compacted with additional clean soil fill to the surface and the grass sod was replanted or replaced.

Approximately 49 tons of excessively contaminated soil was excavated from the spill location and stockpiled. Representative soil samples of the stockpile were taken by AEC personnel and delivered to the Center For Applied Engineering (CompQAP #90-03596) for laboratory analysis by EPA Methods 8021 for volatile organic compounds and for 8 RCRA total metals. The soil was loaded into dump trucks the following day and transported to Geologic Recovery Systems for treatment. Laboratory analysis results were obtained within a 48 hour time frame and submitted to Geologic for approval, prior to incineration (See Laboratory Results, Appendix D).

### 3.0 CONCLUSIONS

All excessively contaminated soils identified at the spill location have been removed and incinerated at Geologic Recovery Systems.



James E. Greenfield  
Director of Environmental Services



Leanna J. Titus  
Senior Project Manager

WESTBOUND RAMP

DRAINAGE

SPILL AREA

SHOULDER

SR 39

INTERSTATE-4 (WESTBOUND)

INTERSTATE-4 (EASTBOUND)

**ALLIED**

Environmental Consultants, Inc.

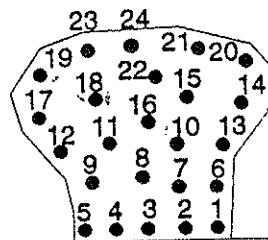
SITE PLAN MAP  
RYDER TRUCK SPILL  
INTERSTATE 4 AND EXIT 13 WESTBOUND  
PLANT CITY, POLK COUNTY, FLORIDA

PROJECT: 21293-0100  
DATE: MARCH 18, 1996  
DRAWN BY: LJT  
NOT TO SCALE



WESTBOUND RAMP

DRAINAGE



EXCAVATION AREA

INTERSTATE-4 (WESTBOUND)

● = SOIL SAMPLE LOCATION

**ALLIED**

Environmental Consultants, Inc.

SOIL SAMPLE LOCATION MAP  
RYDER TRUCK SPILL  
INTERSTATE 4 AND EXIT 13 WESTBOUND  
PLANT CITY, POLK COUNTY, FLORIDA

PROJECT: 21293-0100  
DATE: MARCH 18, 1996  
DRAWN BY: LJT  
NOT TO SCALE



**SOIL ORGANIC VAPOR ANALYSIS RESULTS**  
**for the**  
**RYDER TRUCK SPILL**  
**INTERSTATE 4 AND EXIT 13 WESTBOUND**  
**PLANT CITY, FLORIDA**

LOCATION	DEPTH	INITIAL OVA/FID READING	OVA/FID READING W/FILTER	TOTAL HYDROCARBONS	NOTES
SS - 1	1'	0	0	0	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 2	1'	28	0	28	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 3	1'	1000+	0	1000+	
	2'	460	0	460	
	3'	0	0	0	Interface
SS - 4	1'	76	2	74	
	2'	10	0	10	
	3'	0	0	0	Interface
SS - 5	1'	0	0	0	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 6	1'	0	0	0	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 7	1'	95	0	95	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 8	1'	1000+	0	1000+	
	2'	1000	0	1000	
	3'	30	0	30	Interface/Odor
SS - 9	1'	1000+	0	1000+	



**SOIL ORGANIC VAPOR ANALYSIS RESULTS**  
**for the**  
**RYDER TRUCK SPILL**  
**INTERSTATE 4 AND EXIT 13 WESTBOUND**  
**PLANT CITY, FLORIDA**

LOCATION	DEPTH	INITIAL OVA/FID READING	OVA/FID READING W/FILTER	TOTAL HYDROCARBONS	NOTES
	2'	20	0	20	
	3'	0	0	0	Interface
SS - 10	1'	1000+	0	1000+	
	2'	950	0	950	
	3'	34	0	34	
	4'	11	0	11	Interface/Odor
SS - 11	1'	1000+	0	1000+	
	2'	1000+	0	1000+	
	3'	210	0	210	
	4'	38	0	38	Interface/Odor
SS - 12	1'	0	0	0	
	2'	0	0	0	
	3'	0	0	0	Interface
SS - 13	1'	4	0	4	
	2'	0	0	0	
	3' - 4'	0	0	0	Interface
SS - 14	1'	500	0	500	
	2'	60	0	60	
	3'	5	0	5	Interface
SS - 15	1'	1000+	0	1000+	
	2'	2	0	2	Interface
SS - 16	1'	1000+	0	1000+	
	2'	95	0	95	Interface/Odor
SS - 17	1'	20	0	20	
	2'	10	0	10	
	3'	0	0	0	Interface

**SOIL ORGANIC VAPOR ANALYSIS RESULTS**  
for the  
**RYDER TRUCK SPILL**  
**INTERSTATE 4 AND EXIT 13 WESTBOUND**  
**PLANT CITY, FLORIDA**

LOCATION	DEPTH	INITIAL OVA/FID READING	OVA/FID READING W/FILTER	TOTAL HYDROCARBONS	NOTES
SS - 18	1'	280	0	280	
	2'	20	0	20	Interface/Slight Odor
SS - 19	1'	2	0	2	
	2'	10	0	10	Interface/Slight Odor
SS - 20	1'	0	0	0	
	2'	10	0	10	Interface/Slight Odor
SS - 21	1'	1000+	0	1000+	
	2'	83	0	83	Interface/Odor
SS - 22	1'	950	0	950	
	2'	60	0	60	Interface/Odor
SS - 23	1'	78	0	78	
	2'	14	0	14	Interface/Slight Odor
SS - 24	1'	110	0	110	
	2'	10	0	10	Interface/Slight Odor

Note: All results are in Parts Per Million (ppm)

# ANALYSIS REPORT



## Center For Applied Engineering, Inc.

Environmental Testing Services

Date of Report: 03/22/96  
 C-of-C Number: C13689  
 Date Collected: 03/19/96 15:00  
 Collected By: CST  
 Date Received: 03/20/96 10:40  
 FL-DHRS Cert. No: E84254/84453  
 FL-DEP CompOAP: 900359G

Location: Leanna Titus  
 Allied Environmental Consultants  
 Bayfront Towers  
 42 First Street S.E.  
 St. Petersburg FL 33701

Sample Desc: PB-1, Exit 13-I-4

As Proj: Ryder/Adams

Lab ID: 96 0002993

	Result	Unit	Det. Limit	Procedure	Test Date
ET LS					
TOTAL					
Silver, Total	0.23	MG/KG	.16	6010	03/21
Arsenic, Total	BDL	MG/KG	3.9	6010	03/21
Barium, Total	26	MG/KG	.78	6010	03/21
Cadmium, Total	BDL	MG/KG	.7	6010	03/21
Chromium, Total	6.3	MG/KG	.04	7471	03/22
Mercury, Total	BDL	MG/KG	4.2	6010	03/21
Lead, Total	34	MG/KG	6.2	6010	03/21
Selenium, Total	BDL	MG/KG			
RO NIC					
MTBE BY GC	BDL	MG/KG	.19	8020	03/21
Methyl tert-Butyl Ether (MTBE)	BDL	MG/KG	.17	8020	03/21
BY GC	BDL	MG/KG	.17	8020	03/21
Benzene	BDL	MG/KG	.32	8020	03/21
Ethylbenzene	BDL	MG/KG	.18	8020	03/21
m- and p-Xylenes	BDL	MG/KG	.17	8020	03/21
o-Xylene	BDL	MG/KG			
Toluene	BDL	MG/KG	.15	8010	03/21
PH BY GC	BDL	MG/KG	.19	8010	03/21
1,1,1-Trichloroethane	BDL	MG/KG	.19	8010	03/21
1,1,2,2-Tetrachloroethane	BDL	MG/KG	.18	8010	03/21
1,1,2-Trichloroethane	BDL	MG/KG	.18	8010	03/21
1,1-Dichloroethane	BDL	MG/KG	.18	8010	03/21
1,1-Dichloroethene	BDL	MG/KG	.2	8010	03/21
1,2-Dichloroethane	BDL	MG/KG	.16	8010	03/21
1,2-Dichlorobenzene	BDL	MG/KG	.2	8010	03/21
1,2-Dichloropropane	BDL	MG/KG	.2	8010	03/21
1,3-Dichlorobenzene	BDL	MG/KG	.17	8010	03/21
1,4-Dichlorobenzene	0.30	MG/KG	.18	8010	03/21
2-Chloroethylvinyl ether	BDL	MG/KG	.12	8010	03/21
Bromodichloromethane	BDL	MG/KG	.16	8010	03/21
Bromoform	BDL	MG/KG	.3	8010	03/21
Bromomethane	BDL	MG/KG	.12	8010	03/21
cis-1,3-Dichloropropene	BDL	MG/KG	.17	8010	03/21
Carbon tetrachloride	BDL	MG/KG	.13	8010	03/21
Chloroform	BDL	MG/KG	.16	8010	03/21
Chlorobenzene	BDL	MG/KG	.24	8010	03/21
Chloroethane	BDL	MG/KG	.28	8010	03/21
Chloromethane	BDL	MG/KG			

Note 'BDL' = Below Detection Limit

Distribution of Report:

Respectfully Submitted  
 Center For Applied Eng., Inc.  
 Reviewed and Approved by:

Donald Haertel  
 Laboratory Manager

# ANALYSIS REPORT



**Center For Applied  
Engineering, Inc.**  
Environmental Testing Services

Date of Report: 03/22/96  
C-of-C Number: C13689  
Date Collected: 03/19/96 15:00  
Collected By: CST  
Date Received: 03/20/96 10:40  
FL-DHRS Cert. No: E84254/84453  
FL-DEP CompOAP: 900359G

Attention: Leanna Titus  
Allied Environmental Consultants  
Bayfront Towers  
42 First Street S.E.  
St. Petersburg FL 33701

Sample Desc: PB-1, Exit 13-I-4

Cust Proj: Ryder/Adams

Lab ID: 96 0002993

	Result	Unit	Det. Limit	Procedure	Test Date
Dichlorodifluoromethane	BDL	MG/KG	.24	8010	03/21
Dibromochloromethane	BDL	MG/KG	.15	8010	03/21
Methylene chloride	BDL	MG/KG	.19	8010	03/21
Trans-1,3-dichloropropene	BDL	MG/KG	.13	8010	03/21
Trichloroethene	BDL	MG/KG	.13	8010	03/21
Trichlorofluoromethane	BDL	MG/KG	.24	8010	03/21
Tetrachloroethene	BDL	MG/KG	.14	8010	03/21
trans-1,2-Dichloroethene	BDL	MG/KG	.19	8010	03/21
Vinyl chloride	BDL	MG/KG	.2	8010	03/21
ET CHEM CHEMICAL Total Recov. Petro. Hydrocarbons	1500	MG/KG	2.6	9073	03/20

Note 'BDL' = Below Detection Limit

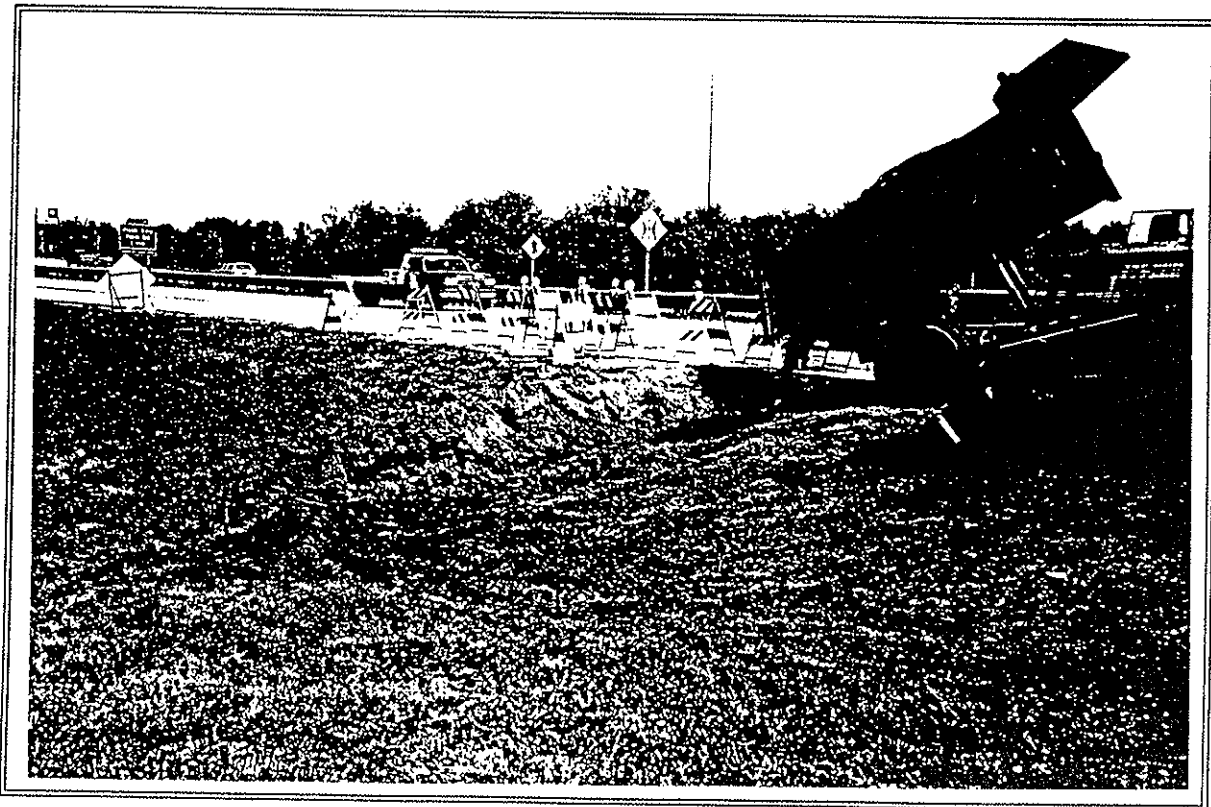
Distribution of Report:

Respectfully Submitted  
Center For Applied Eng., Inc.  
Reviewed and Approved by:

*Donald Haertel*  
Donald Haertel  
Laboratory Manager



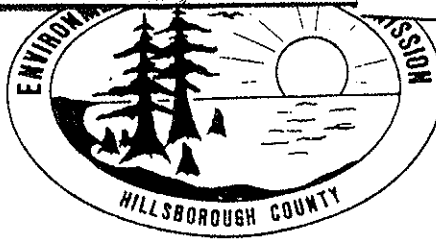
(1) SPILL AREA



(2) EXCAVATED AREA

DOTTIE BERGER  
PHYLIS BUSANSKY  
JOE CHILLURA  
CHRIS HART  
JIM NORMAN  
ED TURANCHIK  
SANDRA WILSON

EXECUTIVE DIRECTOR  
ROGER P. STEWART



TELEPHONE (813) 272-5960  
FAX (813) 272-5157

AIR MANAGEMENT DIVISION  
TELEPHONE (813) 272-5960  
WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5788  
WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

D.E.P.

JUN 24 1996

SUBMITTED  
TAMPA

MEMORANDUM

DATE: June 19, 1996

TO: Nancy Evans, FDEP-Southwest District

FROM: Michael McKelvey through Robert Lue, EPC  
*MM* *RL*

SUBJECT: RYDER TRUCK FUEL SPILL, INTERSTATE 4 AND STATE ROAD 39  
(EXIT 13), PLANT CITY, FLORIDA

The Environmental Protection Commission has reviewed a report titled "Soil Organic Vapor Analysis Report" forwarded by you on June 4, 1996 for the subject incident. Although there does not appear to be a significant problem (no remaining excessively contaminated soil) with this spill, groundwater sampling and analyses were never performed to determine if it was impacted. In order to verify that no further remediation is necessary, it would be prudent to collect groundwater samples from three temporary monitoring wells (source, up and down-gradient) and analyze the groundwater for EPA methods 602 and 610.

If you have any questions, please call.

xc: Shawn Abbott, FDEP-Tallahassee

Nancy -

There are 2 options for this site that I can see:

- ① Request a groundwater sample in the vicinity of SB-16, 20, 22. Analyze for KAG. If clear, then NFA, if not then LCAR.
- ② Request LCAR since u.c. cont. soil was encountered at soil/water interface
  - 1 to 3 monitoring wells analyzed for KAG
  - direction of gw flow (use mon. wells or PZ)
  - site map drawn to scale
  - supplemental soil assessment NE of SB-21 since at perimeter of excavation was u.c. cont. soil
  - additional CA based on findings.

~~With~~ <sup>with</sup> option ① they could not get a 770 cert, probably only a no further assessment letter. With option ② a NFA order could be issued.

Laurel



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

August 29, 1996

Mr. Guy Harbuck  
R.D.L., Inc.  
Post Office Box 546  
Homerville, GA 31634

Re: Ryder Truck Spill  
Interstate 4 and Exit 13 Westbound  
Plant City, Hillsborough County, Florida

Dear Mr. Harbuck:

The Department has completed its review of the Soil Organic Vapor Analysis Report dated April 11, 1996 prepared and submitted by Allied Environmental Consultants, Inc. for the above-referenced site. The report documents that excessively contaminated soil was present at the soil/groundwater interface. Although the excessively contaminated soil appears to have been removed and properly disposed of, groundwater sampling and analysis were not performed to determine if it was impacted.

A contamination assessment, as defined in Chapter 62-770, Florida Administrative Code, should be initiated within thirty days. A Contamination Assessment Report (CAR) must be prepared and submitted to the Florida Department of Environmental Protection within six (6) months from the date of this letter (no later than February 28, 1997).

Please submit two copies of the CAR to my attention. If you have any questions, please contact me at (813) 744-6100 ext. 427.

Sincerely,

Laurel Culbreth  
Environmental Specialist III  
Tanks Program  
Division of Waste Management

LC

cc: Leanna Titus, Allied Environmental Consultants, Inc.  
Robert Lue, Hillsborough County EPC

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





Carlton Brothers, Inc.  
(Site 25)



Department of Environmental Regulation  
 EARLY DETECTION INCENTIVE PROGRAM  
 NOTIFICATION APPLICATION

115-0000-0000

OCT 21 1987

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.

BUREAU OF RESTORATION

PLEASE PRINT OR TYPE  
 Put "X" where answer is unknown.

29-1948

1. Business/Site Name: Carlton Brothers, Inc.  
 Business/Site Operator: Harry S. Carlton  
 Business/Site Owner: Harry S. Carlton Property Owner: Harry S. Carlton, Pres.  
 Business/Site Address: Highway 39 North and Knights-Griffin Road East (SR 582) Plant City  
 Area Code 813  
 Telephone Number: 752 6757 / 752 6757 County: Hillsborough  
 (Business) (Home)  
 Mailing Address: 603 W. Tever Street, Plant City, Florida 33566

2. Date of discovery: June 1985 (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 Vandalism (explain)

5. Estimated number of gallons lost: 1500

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 Above ground tank is no longer used.

7. Cause of leak (circle all that apply)  

A. Unknown	<u>Piping</u>	Tank	J. Installation failure
B. Split	C. Loose Connection	G. Split	P. Overfill
C. Loose Connection	D. Other <u>Vandalism</u>	H. Corrosion	Q. Accident
D. Other <u>Vandalism</u>		I. Puncture	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 (Used for firing citrus)  
 E. Aviation fuel  
 K. Kerosene  
 L. Used oil  
 M. General diesel  
 Y. Other  
 Z. Unknown (explain)

10. DER Facility Number 298625629

11. DER Tank Number \_\_\_\_\_

12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE AND COMPLETE.

Harry S. Carlton, Pres.  
 Signature of Person Completing Form Title

10/17/87  
 Date

DEPARTMENT OF ENVIRONMENTAL REGULATION  
 OCT 28 1987  
 ENFORCE

## INSPECTION QUESTIONNAIRE

### A. PRE-INSPECTION COMPUTER CHECK\*

DER FACILITY #: 298625629  
 FACILITY NAME: Carlton Brothers  
 LOCATION: SR. 39 + S.R. 582  
                     Plant City  
 OWNER PHONE: 275-2675 (752-7110)  
 CONTACT PERSON: Harry Carlton

P-TANK: ACT-UND    ACT-ABV                      FILLED-UND                      RMV-UND                      RMV-ABV  
                     0                      1    0    0    0

LATITUDE: 28-04-43    LONGITUDE: 82-08-12                      PC TANKS: 0

SECTION: 05                      TOWNSHIP: 285                      RANGE: 22E

MONITORING SYSTEM: B

TANK NUMBER	TANK GALLONS	TANK CONTENT	TANK IND	DATE INSTALLED	<input checked="" type="checkbox"/> UNDERGROUND <input type="checkbox"/> TANK STATL
-------------	--------------	--------------	----------	----------------	--

1	1000	0		10/78	Active
2					
3					
4					
5					
6					
7					
8					
9					
10					

1. Has a site inspection scheduling letter been mailed, when, to whom?  
to above 1-25-88

2. Has a telephone call been made to confirm the appointment, and to whom?  
to above on 2-3-88

\* MUST BE ANSWERED COMPLETELY BEFORE THE INSPECTION IS CONSIDERED COMPLETE.

B. SITE INSPECTION QUESTIONS

1. How often are storage tanks dipped? never not done
2. Is the inventory reconciled for each day the tanks are dipped? NO N/A
3. Is the water content of the tanks measured, recorded, and accounted for? NO N/A
4. Are significant losses/gains investigated? NO N/A
5. How long since the tanks were last pressure tested? (get a copy of test results, if possible) NO N/A
6. Are monitoring wells required? NO N/A
7. Are the MWs checked monthly? NO N/A
8. Are written records of MW checks kept? NO N/A
9. Are the required minimum number of MW's present, and in the proper locations? N/A
10. Is the MW construction adequate with regards to:  
N/A Diameter  
N/A Scanning position relative to water table  
N/A Surface sealing  
N/A Water tight cap.
11. Is over fill protection required; if so, what type? N/A
12. If a tight fill device is used, is there contamination around it? N/A
13. Does the STI registration accurately depict the site with regards to: empty abv-ground is not reg.  
A. Number of tanks and their status? NO  
B. Types of monitoring system? \_\_\_\_\_  
C. Other? \_\_\_\_\_
14. List all known products stored on the site. diesel
15. How long has the site been used to store petroleum products? > 50 yrs

FACILITY NAME: Carlton Brothers		DER FACILITY # : 298625629
LOCATION: S.R. 39 & S.R. 582 Plant City	Section: 05 Township: 28S Range: 22E	LAT: 28° 04' 43" LONG: 82° 08' 12"
SOURCE DESCRIPTION: 2 above ground tanks located on site	SITE TYPE: E. D. I.	
CONTACT: Harry Carlton 275-2675	DER ASSIGNED # : 29-1948	INSPECTION DATE: 2-11-88

INSPECTION SUMMARY: The inspection was conducted by myself and Harry Carlton, owner of Carlton Brothers. The site consists of two aboveground diesel tanks (1 1000gal + 1 5000 gal). A spill had occurred with the 5000 gal. tank after a drain nozzle was knocked off dumping approx. 1500 gallons of fuel. This happened in 6-85. The spilled diesel was overlain with aragonite to soak up the free product. This aragonite was then moved into a field approx. 150' to the SW. The aragonite is used, as needed, to neutralize soil in the orange groves. Inspection of the aragonite showed no sign of contamination. It is possible that the soil has since been naturally aerated.

The 5000 gallon tank is no longer used and needs to be registered. The only evidence of contamination is an odor in the soil immediately around the drain plug.

The other tank is an active 1000 gal. diesel tank. Evidence of contamination is odor in the soil. Cause of this is most likely repeated overfill. The tank is estimated to be three years old. The usage rate of this tank is approx. 4000 gal/year or 334 gal/mo. maximum.

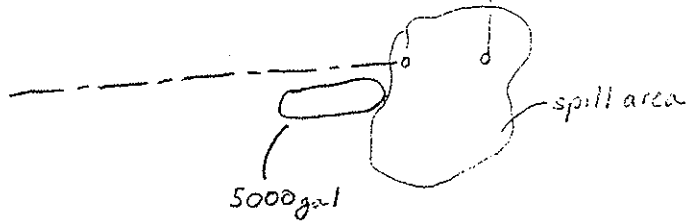
Diesel is the only product stored on site and has been for more than 50 yrs. Extent of the contamination is unknown. Site has always used for agriculture. Mr. Carlton stated that there are no potable wells within 1/2 mile. The SWFWMD lists 8 potable wells within 1 sq. mi. S: 05, T: 28S, R: 22E.

INSPECTOR'S SIGNATURE : Mike McKelvey	DATE: 2-15-88
--	------------------

S. R. 582

to S. R. 39 →

Aragonite



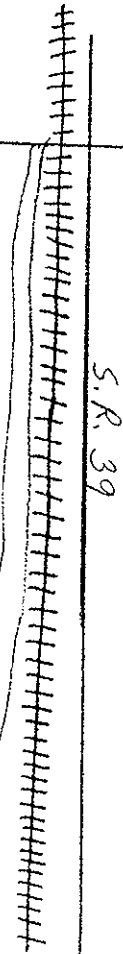
SR 582

Orange

1000 gal

Grove

BARN



- 16. What were the prior uses of the property? agriculture
- 17. How was the contamination found? pipe was knocked off tank @ 1500 gal spilled
- 18. Was the source of the contamination found-investigated/ repaired? found, Agromite was put over it
- 19. Is the contamination the result of a single or multiple events? 2
- 20. What type of product(s) was discharged? herb
- 21. What volume of product was discharged? @ 1500 gal
- 22. What monitor well(s) is/are contaminated? N/A
- 23. Who is the consultant? none
- 24. What actions have been conducted to date? none
- 25. What actions are to be implemented in the near future? none
- 26. What reports have been submitted? Which were approved? none
- 27. If contamination was observed at the site, describe the components and extent. If laboratory analysis was provided, attach the report. soil contamination
- 28. Is there now or has there ever been any local, state or federal agency involvement concerning contamination at this site or the adjacent property? Describe. no
- 29. Are any known potable water wells within 1/2 mile of site? If so, how many, size etc.? none



29-1948

PROGRAM COMPLIANCE VERIFICATION CHECKLIST

BOR File # 29-1 Y Placard ID # \_\_\_\_\_ Facility # 298625629  
 Site Name Carlton Brothers, Inc.  
 Site Address S.R. 39 + S.R. 582, Plant City  
 Site Contact/Telephone # Harry Carlton, Owner 813/275-2675  
 Latitude 28°04'43" Longitude 82°08'12"

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

Yes No Not  
 Required

1. Compliance with 376.3071

a. Provided inventory records  
Tank is aboveground and does not use, receive, or store  
the applicable amount of petroleum product

b. Reconciled inventory

c. Installed monitoring system

d. Completed monthly monitoring system checks

2. Site access denied

3. Evidence of gross negligence

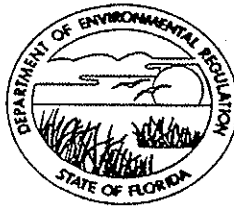
4. Evidence of intent to conceal discharge

5. Evidence of falsification of inventory or reconciliation records

6. Evidence of intentional damage to petroleum storage system

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

March 15, 1988

Mr. Harry S. Carlton  
Carlton Brothers, Inc.  
603 W. Tever Street  
Plant City, Florida 33566

Dear Mr. Carlton:

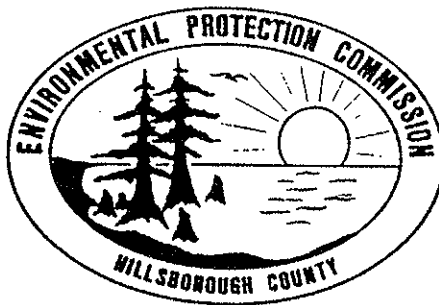
The Department has concluded its review of the documentation submitted in accordance with paragraph 376.3071(9)(b) Florida Statutes (F.S.) and determined that your site, Carlton Brothers, Inc., located at Highway 39 North and Knights-Griffin Road East (S.R. 582), Plant City, Florida, is eligible for state cleanup under the Early Detection Incentive Program for the following reasons:

The site initially was reported after July 1, 1986 and prior to October 1, 1988 and exclusions in 376.3071(9)(b) 1-4 F.S. do not apply.

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.

COMMISSION  
RODNEY COLSON  
PAM IORIO  
RUBIN E. PADGETT  
JAN KAMINIS PLATT  
HAVEN POE  
JAMES D. SELVEY  
PICKENS C. TALLEY II



ROGER P. STEWART  
DIRECTOR  
1900 - 9th AVE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960

MEMORANDUM

Date February 22, 1988

To Manitia Moultrie, DER

From Michael McKelvey thru Robert Lue, EPC <sup>M.M.</sup> *HL*

Subject: INSPECTION OF BOR #29-1948 CARLTON BROTHERS

Inspection of the site revealed two sources of contamination. These are a 5000 gallon abandoned aboveground tank and a 1000 gallon active aboveground tank. A spill of approximately 1500 gallons of diesel occurred at the 5000 gallon tank in June 1985. The contamination associated with the active tank is probably due to repeated overfill. The abandoned tank is not registered. Advised site contact to have it registered.

va

603 W. Tever Street  
Plant City, Florida 33566  
October 17, 1987

EDI Coordinator, Bureau of Restoration  
Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Re: Carlton Brothers, Inc.  
Corner State Road 39 North  
and Knights-Griffin Road East


To Whom It May Concern:

The tank listed on the enclosed form sits in a hay field on concrete pads and was used as a storage tank for fuel to fire citrus.

There are no consumptive use wells within one-half mile of this tank. The area of the spill is now covered with native vegetation.

Very truly yours,

Carlton Brothers, Inc.



Harry S. Carlton

HSC:hbc  
Enc.



State of Florida  
Department of Environmental Regulation

# Pollutant Storage Tank System Inspection Report Form

Facility ID No.: 298625629 County: Hillsborough  
 Facility Name: Carlton Bros. Inc  
 Facility Location: SR 39 & 582 Plant City 33566  
 Operator: Harry Carlton (Truck St) Phone: 275-2675  
 Owner: \_\_\_\_\_ Phone: 752-6757 Home  
 Latitude 28° 04' 43" Longitude 82° 08' 12" Section \_\_\_\_\_ Township \_\_\_\_\_ Range 752-7110 WK

Tank #	Size	Contents	Installation Date	U/A or In-Contact	Tank Construction	Integral Piping	Monitoring System	Tank Status
<u>1</u>	<u>1000</u>	<u>D</u>	<u>10/78</u>	<u>A</u>	<u>S</u>	<u>B</u>	<u>B</u>	<u>K</u>

Comments:

EDI - Approved

- 5,000 gal tank used to heat groves. A hole was noted in tank & fuel leaked onto the ground

- 1,000 gal tank usage 3 thousand gal per year

<b>Inspection Type:</b> <input type="checkbox"/> Complaint Response <input type="checkbox"/> Initial <input type="checkbox"/> EDI <input type="checkbox"/> Public Well Field <input type="checkbox"/> Reinspection <input type="checkbox"/> Installation <input type="checkbox"/> Tank Removal <input type="checkbox"/> Unregistered	<b>Facility Information:</b> <input type="checkbox"/> Abandoned <input type="checkbox"/> Aboveground <input type="checkbox"/> Govt.-Federal <input type="checkbox"/> Govt.-Other <input type="checkbox"/> Non-retail <input type="checkbox"/> Retail <input type="checkbox"/> Retrofit (M. or O.) <input type="checkbox"/> Retrofit (L. or R.)
--	--

DER District: \_\_\_\_\_ Local Program: \_\_\_\_\_

Inspector's Signature & Date: \_\_\_\_\_ 3-15-89 Facility Contact's Signature & Date: \_\_\_\_\_ 3-15-89 E.P.C.

Violations must be corrected by: next routine inspection  or by:     /    /    mo / day / yr



State of Florida  
Department of Environmental Regulation

# Pollutant Storage Tank System Inspection Report Form

*John R. ...*

Facility ID No.: 298025629 County: 29  
 Facility Name: Carlton Bice Inc.  
 Facility Location: SR 39 & SR 582 Plant City Phone: 752-7110  
 Operator: \_\_\_\_\_ Phone: 752-6757  
 Owner: Nancy Carlton Phone: 272-2675  
 Latitude 28° 04' 43" Longitude 82° 08' 12" Section 5 Township 28 Range 22

Tank #	Size	Contents	Installation Date	U/A or In-Contact	Tank Construction	Integral Piping	Monitoring System	Tank Status
1	1,000	D	10/78	A	S	B	B	(2) (D)

Comments: ENT  
Tank is no longer in service

<b>Inspection Type:</b> <input type="checkbox"/> Complaint Response <input checked="" type="checkbox"/> Initial <input type="checkbox"/> EDI <input type="checkbox"/> Public Well Field <input type="checkbox"/> Reinspection <input type="checkbox"/> Installation <input type="checkbox"/> Tank Removal <input type="checkbox"/> Unregistered	<b>Facility Information:</b> <input checked="" type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Aboveground <input type="checkbox"/> Govt.-Federal <input type="checkbox"/> Govt.-Other <input checked="" type="checkbox"/> Non-retail <input type="checkbox"/> Retail <input type="checkbox"/> Retrofit (M. or O.) <input type="checkbox"/> Retrofit (L. or R.)
---	---

DER District: \_\_\_\_\_ Local Program: C.C. 29  
 Inspector's Signature & Date: [Signature] 8-21-89  
 Facility Contact's Signature & Date: \_\_\_\_\_

Violations must be corrected by: next routine inspection  or by:  \_\_\_ / \_\_\_ / \_\_\_  
 mo / day / yr



Facility # 298625129  
Date 8-25-89

## Department of Environmental Regulation Inspection Form — Aboveground Tank Section

### I. REGISTRATION/NOTIFICATION:

1. Facility has properly registered all applicable tanks on site? 17-61.050(1)(a).
2. Current Registration placard is properly displayed? 376.303(1)(b), F.S.
3. Proper notification has been made for the following: 17-61.050(1)(b)
  4. abandonment
  5. facility sale
  6. retrofitting
  7. tank test failure
  8. discharges
  9. monitoring response

	Yes	No	Unk	N/A
1				1
2				1
3		1		
4		1		
5				1
6				1
7				1
8				1
9				1

### II. TANK STATUS:

10. Tank Designated Out of Service: 17-61.050(3)(b)1.
11. inventory — monitoring records kept or;
12. secured against tampering

*Tank has bullet hole ~~to~~ no fuel in tank*  
*Fuel had spilled onto ground surface when shot. was an EAT site*

10				1
11				1
12				1

### III. OPERATION AND MAINTENANCE:

13. The schedule for retrofitting has been met? 17-61.060(1)(c) & 2.
  14. prefabricated tanks
  15. field erected tanks
  16. piping
17. Is NACE Criteria RP-01-69 met for tanks in contact with soil? 17-61.060(1)(b)3.
  18. sacrificial anodes system
  19. impressed current system
20. Have monthly visual inspections been performed 17-61.060(1)(d)
  21. exterior of tanks
  22. impervious containment area

13				1
14				1
15				1
16				1
17				1
18				1
19				1
20				1
21				1
22				1

### IV. INVENTORY REQUIREMENTS:

23. Inventory records maintained? 17-61.050(4)(a)2.
  24. water
  25. product
  26. meter readings
27. Inventory reconciliation is performed? 17-61.050(4)(c)2.b.
  28. each 5 consecutive readings
  29. once a week
  30. alternate procedures
31. Significant loss/gain investigation? 17-61.050(4)(c)3.
  32. interior examinations
  33. have repairs been made?

23				1
24				1
25				1
26				1
27				1
28				1
29				1
30				1
31				1
32				1
33				1



Department of Environmental Regulation  
**Inspection Form — Aboveground Tank Section**

V. RECORD KEEPING, DISCHARGE REPORTING & CONTAMINATION CLEAN UP:		Yes	No	Unk.	A
34.	Records being kept as specified by 17-61.050(4)				1
35.	2 years				1
36.	monitoring system exams				1
37.	retrofitting records				1
38.	maintenance exams				1
39.	repairs				1
40.	available within 2 working days				1
41.	Proper response to discharge of pollutants? 17-61.050(4)(b)1				1
42.	containing				1
43.	removing, and				1
44.	abating				1

VI. LEAK DETECTION FOR EXISTING FACILITIES		Yes	No	Unk.	A
45.	Monitoring wells have been properly located, constructed and sampled? 17-61.050(5)(a)				1
46.	field erected tanks				1
47.	underground piping				1
48.	Monitoring system requirements for field erected tanks are being complied with? 17-61.060(2)(b)3.				1
49.	network of monitoring wells				1
50.	interior painting				1
51.	SPCC plan				1
52.	approved groundwater monitoring plan				1
53.	cathodic protection in accordance with NACE RP-01-69				1

VII. CONSTRUCTION STANDARDS FOR NEW FACILITIES		Yes	No	Unk.	A
54.	Do the aboveground tanks meet API, NFPA, and UL standards? 17-61.060(1)(a), 17-61.060(1)(b).				1
55.	Does the integral piping meet the standards? 17-61.060(3)(b) & 8(c).				1
56.	aboveground piping				1
57.	underground piping (in contact with ground)				1
58.	Does the containment area meet the standards? 17-060.(1)(b).				1
59.	volume				1
60.	impervious material				1
61.	drainage				1





Cross Environmental Services, Inc.  
(Site 26)



STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
PASCO COUNTY PUBLIC HEALTH UNIT

HRS Pasco County Public Health Unit  
Environmental Health Services  
9910 Land O'Lakes Boulevard  
Land O'Lakes, Florida 34639  
Phone: (813) 996-2747  
Fax: (813) 996-2698

December 18th, 1996

Jack Everett  
Cross Environmental  
P.O. Box 229  
Crystal Springs, FL 33524

RE: Cross Environmental, 39646 Flg Street, Crystal Springs

Dear Mr. Everett:

Based on information gathered during a compliance inspection on facility #519601351 located at the above address, this facility may be in violation of Chapter 62-762, Florida Administrative Code. These violations are described in detail on the attached report. However, the entire code descriptions may not apply to all inspections.

Please review this report and make the corrections in the time frames given. Please contact this department when the corrections have been completed so that we may re-inspect your facility.

If we can be of further assistance to you in this matter please contact us at the above address or telephone number.

Sincerely,

Danny L. Harris  
Environmental Specialist II

DJH:lb  
Attachment

cc: Ken Swann, Env. Manager

# Pollutant Storage Tank System Inspection Report Form

HRS Pasco County Public Health Unit, Environmental Health Services  
9930 Land O'Lakes Blvd., Land O'Lakes, FL 34639 - (813) 996-2747; FAX (813) 996-2673

FAC. #519601351 COUNTY: Pasco  
 FAC. NAME: Cross Environmental  
 FAC. LOCATION: 39646 Fig Street, Crystal Springs  
 OPERATOR: Jack Everett  
 OWNER: Cross Environmental  
 INSPECTION DATE: 12/11/96

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK CONST	INTEGRAL PIPING	MONITORING SYSTEM	TANK STATUS
1	1000	D	12/96	A				U
2	1000	D	12/96	A				U

The specific code designation(s) found in violation as follows:

- Correct*
- Documentation had not been provided to demonstrate financial responsibility for this facility. Rule 62-761.710 states "All records to be kept pursuant to this Chapter shall, unless otherwise specified in the text of those rules, be maintained for two years and shall be available for inspection by the Department at the facility. If records are not kept at the facility they shall be available at the facility or other location acceptable to the Department upon five working days notice. Records of the following are required: Certification of Financial Responsibility on form 62-761.900(3)." Furthermore, Chapter 62-761.480(1) states "The owner or operator of a storage tank system containing petroleum products shall demonstrate to the Department the ability to pay for facility cleanup and third party liability resulting from a discharge at the facility. Such demonstration shall be made in accordance with Code of Federal Regulations, Title 40, Part 280, Subpart H. Owners or operators of storage tank systems containing hazardous substances shall comply with any applicable federal financial responsibility requirements." Please have available for a reinspection proof of financial responsibility on Form 62-761.900(3), (enclosed for your convenience), along with the proper documentation, within sixty (60) days of receipt of this letter.
  - The facility performs visual inspections of the tank, containment wall and associated piping at a minimum of once a month. The recording of these visual inspections were not documented accurately. Rule 62-762.710(4) states "All records required to be kept pursuant to this Chapter shall, unless otherwise specified in the text, be maintained in permanent form for two years and shall be available for inspection by the Department at the facility. If records are not kept at the facility, they shall be available at the facility or other location acceptable to the Department upon five working days notice. Records of the following are required as a minimum: (4) Results of external maintenance examinations of storage tank systems in accordance with Chapter 17-762.600(2), F.A.C., or internal inspection results of field-erected storage tank systems." Also, Rule 62-762.600(2) states "Owners or operators of all aboveground storage tank systems containing pollutants shall, at least once per month, thoroughly inspect the exterior of each tank and the secondary containment or dikes surrounding the tank for wetting." Immediately begin documenting these inspections on the form that was provided or develop a visual inspection sheet that contains the above mentioned items. A reinspection will follow within sixty (60) days of receipt of this letter.

*Correct*

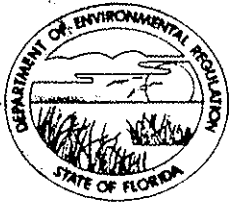
23. Documentation was not available to certify that the two 1,000 gallon diesel tanks meet UL 142 requirements for aboveground storage tanks. Rule 62-762.500(3)(a) states "All new tanks at a facility shall meet the following standards: New aboveground storage tanks constructed of steel shall meet or exceed the requirements found in UL No. 142, API Standard No. 620, API Standard No. 650, API Standard No. 12B, API Standard No. 12D or API Standard No 12F. Fiberglass reinforced plastic tanks shall meet or exceed the requirements found in API Specification 12P. Any aboveground tank constructed of other materials shall not be installed unless such materials have been approved by the Department pursuant to Rule 62-762.860, F.A.C. All rotationally-molded polyethylene tanks used for the storage of pollutants other than petroleum products are approved provided they are installed in accordance with manufacturers specifications, meet corrosion compatibility requirements (as indicated by the manufacturer), and have secondary containment in accordance with Rule 62-762.500(6), F.A.C." This documentation should be available for reinspection within sixty (60) days.

*Correct*

32. No person shall construct, use or maintain any aboveground tank without having constructed around and under it an impervious secondary containment system. The secondary containment system shall also be impervious to the types of pollutants stored in the tanks [F.A.C. 62-762.500(6)(a)1]. The secondary containment system must be repaired to meet this requirement within sixty (60) days of receipt of this letter.

*Correct*

42. The drain pipe that will allow the removal of rainwater from the secondary containment area must have a lockable valve and be constructed of material that would prevent a release in the event of a fire. Concerning the secondary containment system, Rule 62-762.500(6)(3) states "If not roofed or otherwise protected from the accumulation of rainfall, be equipped with a manually controlled pump or siphon, or a gravity drain pipe which has a manually controlled valve to remove stormwater that collects within the secondary containment system. All pumps, siphons and valves must be properly maintained and kept in good condition to prevent stormwater leaking from the system. If gravity drain pipes are used, all valves shall be locked in a closed position except when the operator is in the process of draining water from the area. Gravity drain pipes shall be designed and constructed to prevent a release in the event of fire. All piping passing through secondary containment walls shall be sealed around the outside of the piping with an impervious compatible material to prevent the discharge of pollutants. Stormwater or industrial wastewater emanating from the secondary containment system and tank drawdown water shall comply with all applicable state and federal requirements before discharge. Accumulated stormwater shall be drawn off within one week of a rainfall event." The storage tanks need to be inspected by the local fire department to ensure compliance with NFPA No. 30 (venting, etc.). Rule 62-762.500(3)(b) states "All new aboveground storage tanks shall be installed in a manner consistent with the applicable requirements found in NFPA No. 30. Approval from the local fire marshal or building department may be needed before construction starts, but shall not substitute for the requirements of NFPA No. 30." Specifically, within sixty (60) days, correct the possible violation as discussed and a reinspection will be conducted.



State of Florida  
 Department of Environmental Regulation  
**Pollutant Storage Tank System  
 Inspection Report Form**

C

Facility ID #: 519601351 County: 51 - Pasco  
 Facility Name: Cross ENV.  
 Facility Location: 39646 Fig St  
 Facility Contact: Jack Everett Phone: 783-1688  
 Owner: Cross Env. Phone: \_\_\_\_\_  
 Owner Address: P.O. Box 229 Crystal Springs, FL 33504  
 Owner Contact: \_\_\_\_\_ Owner Change Date: \_\_\_\_\_  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ Fac. Type: \_\_\_\_\_

Tank #	Size	Contents	Date Installed	Under or Above	Tank Type	Integral Piping	Monitoring System	Tank Status
1	1000	D	2/96	A	CKM	A	I	
2	1000	D	2/96	A	C" "	A	I	

Comments: Vents are 12' Above grade, inside containment sealed,  
DEC 19, 1996 - Dec 19, 1997 PUMP FPL 8070876 (FLPA insured) C+I  
eliminated drum pipe (rooted) began monthly visual inspection

<b>Inspection Type: (Choose One)</b> <input type="checkbox"/> Routine <input type="checkbox"/> Discharge (DRF) <input type="checkbox"/> Installation <input type="checkbox"/> Closure <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Reinspection	<b>Site Information: (All that apply)</b> <input type="checkbox"/> Near Public Wells <input type="checkbox"/> Repaired <input type="checkbox"/> Contaminated <input type="checkbox"/> Upgraded <input type="checkbox"/> Complaint <input type="checkbox"/> Both UST & AST <input type="checkbox"/> Acid Tanks <input type="checkbox"/> Hazardous Materials
--	--

DER District or Local Program \_\_\_\_\_  
DANNY LEE HARRIS  
 Inspector Name (Print):  
Danny Lee Harris 1/28/97  
 Inspector's Signature & Date

Pasco County Public Health  
CLYDE A. BISTON  
 Contact Name (Print):  
Clyde A. Biston  
 Contact's Signature & Date




January 27, 1997

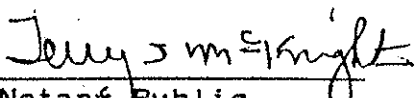
Mr. Danny Harris  
Pasco County Health Dept  
9930 Land O' Lakes Blvd.  
Land O' Lakes, Florida 34639

Re: Diesel fuel tanks at 39646 Fig Street, Crystal Springs, FL

The fuel tanks were bought in 1990 for diesel fuel storage. At the time of the purchase, we were leasing our office and shop space. Therefore, from the date of the purchase until we moved to our present location in August of 1992, the tanks were trailer mounted. When we did move into our own shop, we installed the tanks in the proper containment.

  
Clyde A. Biston  
President

Sworn to and subscribed before me this 27<sup>th</sup> day of January, 1997.

  
Notary Public



TERRY D. MCKNIGHT  
Notary Public, State of Florida  
My Comm. Exp. November 26, 1998  
Comm. No. CC 423240

*Compliance*

*Inspection*

*3-4-98*

*C*

Florida Department of Environmental Protection  
Pollutant Storage Tank Application  
Facility Inspection Cover Page

Facility Information

Id #: 9601351	District: SWD
Name: CROSS ENVIRONMENTAL SERVICES I	County: PASCO
39646 FIG ST	Type: Fuel user/Non-retail
CRYSTAL SPRINGS, FL 33524	Status: OPEN
Contact: JACK EVERETT	Phone: 813-783-1688
Latitude: 28:11:17	Longitude: 82:9:36

*pd. Fee's*

*Flora Dec 19, 98*

Account Owner Information

Name: CROSS ENVIRONMENTAL SERVICES INC  
 PO BOX 229  
 CRYSTAL SPRINGS, FL 33524  
 Phone: 813-783-1688

Tank Owner Information

Name: CROSS ENVIRONMENTAL SERVICES INC  
 PO BOX 229  
 CRYSTAL SPRINGS, FL 33524  
 Phone: 813-783-1688

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	1000	D	01-FEB-96	ABOVEGR	U	C M K	A	I
2	1000	D	01-FEB-96	ABOVEGR	U	C M K	A	I

*Jerry m. G...*



## **Appendix D**

Regulatory Agency File Documentation

Texaco Number 24-203-1328  
(Site 1)

**StarEnterprise**



P O Box 945140 (32794-5140)  
555 Winderley Pl. (32751)  
Maitland FL  
407 875 7600

August 2, 1991

Mr. Hooshang Boostani, P.E.  
Director/Waste Management Division  
Hillsborough County  
Environmental Protection Commission  
1900 Ninth Avenue  
Tampa, Florida 33605

**REC'D**

**AUG 16 1991**

**ENV. PROT. COMM.  
OF H.C.**

RE: Remedial Action Plan (RAP) Addendum  
STAR Location No. 204-1328  
2501 Wheeler Street, Plant City, Florida  
FDER Facility No. 298625538

*LOS # 3792*

Dear Mr. Boostani:

On May 28, 1991, the Contamination Assessment Report (CAR) for the above referenced facility, was approved by the Hillsborough County Environmental Protection Commission (HCEPC) (see Attachment 17). A Remedial Action Plan (RAP) was submitted to the HCEPC on January 30, 1989. Data accumulated during the performance of additional fieldwork has been compiled and is now being presented to the Department in the form of a RAP Addendum. Any discrepancies between the two documents will be in favor of the RAP Addendum. This RAP Addendum has been sealed by a State of Florida registered Engineer.

Below are our consultants responses to your comments dated August 15, 1989 on the RAP for the referenced facility. The number of the response corresponds to the number of your comment.

1. The drawdown calculations and the design flow rate have been provided in recovery well design attachment (Attachment 7). The pump size is in the submersible pump specifications in the submersible pump and piping attachment (Attachment 9-1).
2. The head loss at the design flow rate is calculated in the submersible pump and piping attachment (Attachment 9-1).
3. The air stripping tower specifications calculations are provided in the air stripping tower design attachment (Attachment 10). The air impact calculations are provided in Attachment 11.
4. A polishing system is not required in this treatment system design in conjunction with the discharge of treated water to an infiltration gallery.

ATTACHMENT 1  
CAR CONCLUSIONS AND RESULTS SUMMARY

PROJECT: STAR ENTERPRISE  
LOCATION: 2501 Wheeler Street, Plant City, Florida  
LOCATION NUMBER: 204-1328  
FDER FACILITY NO.: 298625538  
FDER FILE NO.: 29-2408  
DATE: July 1, 1991

The site soils, primarily silty sands containing trace amounts of clay and discontinuous clay units, are consistent with soils commonly found in central Florida. A confining clay unit exists at 22 feet below land surface (BLS). Groundwater occurs under unconfined conditions at approximately 10 feet below land surface BLS. Hydraulic conductivities are estimated to be 10.3 gpd/ft<sup>2</sup>. Hydraulic gradients are estimated to be approximately 0.03 ft/ft with a velocity of 0.14 feet per day. Groundwater flows toward the south. During field work operations, free product has been removed from tank observation well OW-C.

#### VOLATILE ORGANIC AROMATICS

During November 1990, groundwater samples were collected from all on-site monitoring wells and analyzed for volatile organic aromatics (VOAs). Benzene was present in elevated levels in MW-1 (1,600 ppb), MW-5 (2,400 ppb), and MW-3 (150 ppb). Benzene was also present in MW-4 (19 ppb), MW-6 (44 ppb) and MW-13 (4 ppb). The highest concentrations of total VOAs were present in MW-1 (5,020 ppb), MW-5 (3,970 ppb), and MW-3 (296 ppb). Monitoring well locations and benzene and total VOA concentrations for all wells are illustrated on the attached Figure.

#### POLYNUCLEAR AROMATIC HYDROCARBONS

During April 1989, groundwater samples were collected from monitoring wells MW-1 through MW-10 and analyzed for polynuclear aromatic hydrocarbons (PAHs). Monitoring well MW-4 contained total naphthalenes at a concentration of 32 ppb, and acenaphthylene at a concentration of 30 ppb. Monitoring well MW-10 contained fluorene at a concentration of 18 ppb and phenanthrene at a concentration of 20 ppb. All other monitoring wells were free of PAH compounds. During this sampling event, groundwater samples were also collected from area observation wells (OW-A, OW-B, OW-C, and OW-D) and analyzed for PAH compounds. The highest concentrations of PAHs were observed in OW-C: total naphthalenes (9,200 ppb), acenaphthylene (2,500 ppb), acenaphthene (2,100 ppb), anthracene (9,400 ppb), benzo(a)anthracene (1,300 ppb), fluoranthene (2,900 ppb), fluorene (3,100 ppb), phenanthrene (4,300 ppb), and pyrene (2,600 ppb).

On May 2, 1989, groundwater samples were collected from MW-11, MW-12, and MW-13, and analyzed for PAHs; no PAH compounds were present in these wells. On November 29, 1990, groundwater samples were collected from MW-14, MW-15, and MW-16, and analyzed for PAH compounds; none were detected.

## METHYL TERT-BUTYL ETHER

During November 1990, groundwater samples were collected from all on-site monitoring wells and analyzed for methyl tert-butyl ether (MTBE). The highest concentration of MTBE was present in MW-5 (730 ppb). MTBE was also present in MW-3 (3 ppb), MW-4 (58 ppb), MW-6 (3 ppb), and MW-13 (9 ppb).

## ETHYLENE DIBROMIDE

During November 1988, groundwater samples were collected from monitoring wells MW-1 through MW-10, and analyzed for ethylene dibromide (EDB). EDB was present in MW-1 (2 ppb), MW-3 (3 ppb) and MW-4 (0.07 ppb). During May 1989, groundwater samples were collected from MW-11, MW-12, and MW-13, and analyzed for EDB; EDB was not detected. During December 1990, groundwater samples were collected from MW-14, MW-15, and MW-16, and analyzed for EDB; none was detected.

## TOTAL LEAD

During November 1988, groundwater samples were collected from monitoring wells MW-1 through MW-10, and analyzed for total lead. Lead was present in the following wells (MW-1 (96 ppb), MW-4 (10 ppb), MW-5 (14 ppb), MW-6 (5 ppb), MW-7 (29 ppb), and MW-8 (24 ppb)). During May 1989, groundwater samples were collected from MW-11, MW-12, and MW-13, and analyzed for lead. Lead was present in each of these wells at the following concentrations: MW-11 (7.6 ppb), MW-12 (6.5 ppb) and MW-13 (13 ppb). During November 1990, groundwater samples were collected from MW-14, MW-15, and MW-16, and analyzed for lead; none was detected.

## SOILS

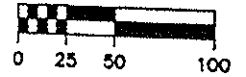
Sixteen soil borings were installed November 30, 1990. Soil samples from 3-, 6-, and 9- feet BLS were screened using an OVA. Excessively-contaminated soils were detected in only one of the borings (SB-14). On April 29, 1991, an additional ten soil borings were installed in the vicinity of gasoline and diesel pump islands (SB-17 thru SB-26). Soil samples from 3-, 6-, and 9- feet BLS were screened with the OVA. Excessively-contaminated soils were detected in six of these borings.

# LEGEND

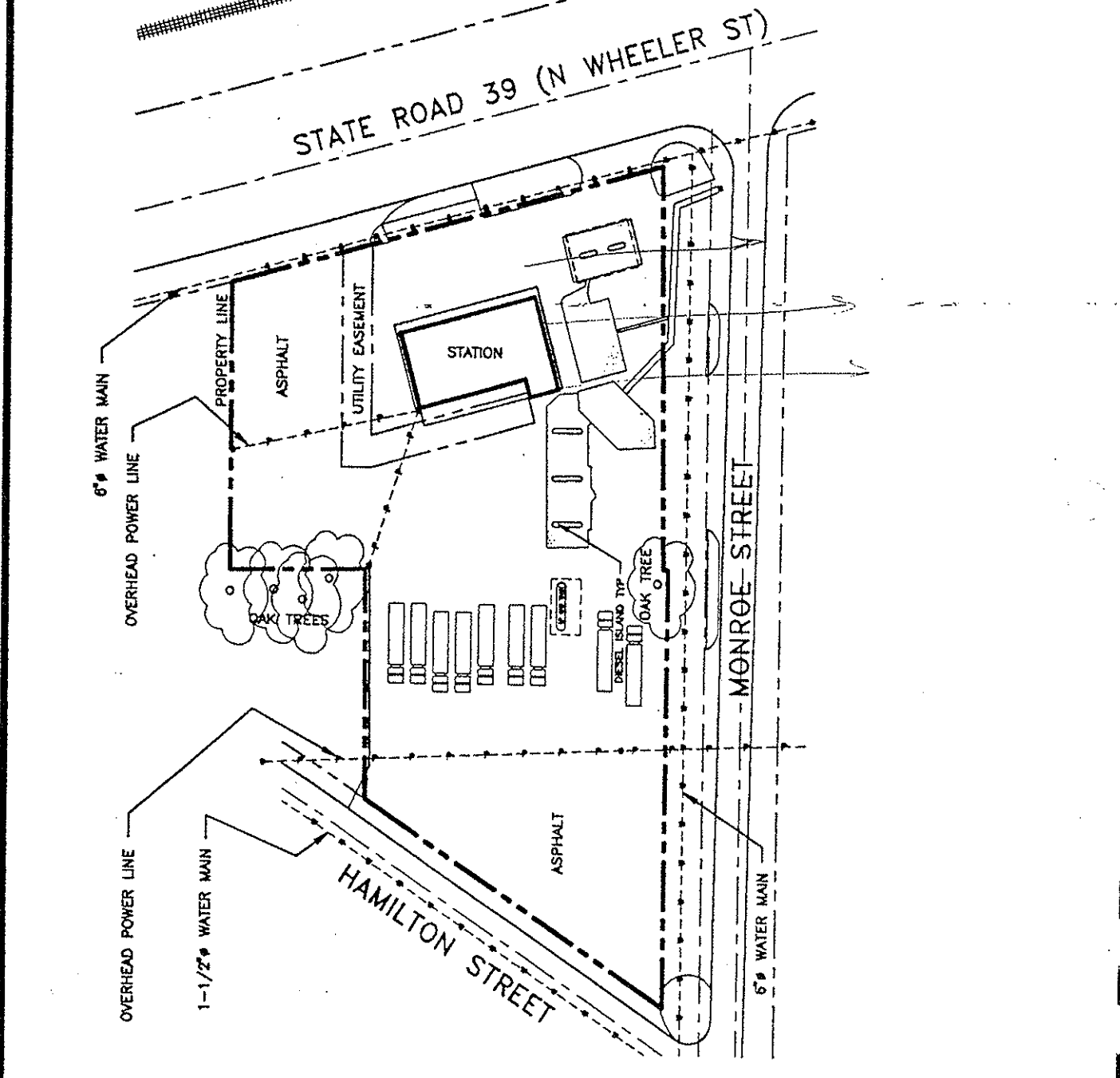
- P - P - DENOTES POWER LINE
- W - W - DENOTES POTABLE WATER LINE
- DENOTES MONITORING WELL LOCATION
- DENOTES OBSERVATION WELL LOCATION
- x DENOTES SOIL BORING LOCATION



## GRAPHIC SCALE



SCALE: 1" = 100'



Drawn by: D. A. Morgan      Date: 02-05-01      Chk'd by:      Date:      Q/C Approval:      Date:

PROJECT: STAR/TEXACO  
 PROJECT No.: 10045  
 LOCATION: STA No 204-1328

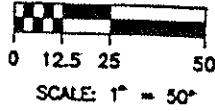
S I T E M A P  
 2507 N WHEELER ST, PLANT CITY, FL  
 A-10045-1328-01



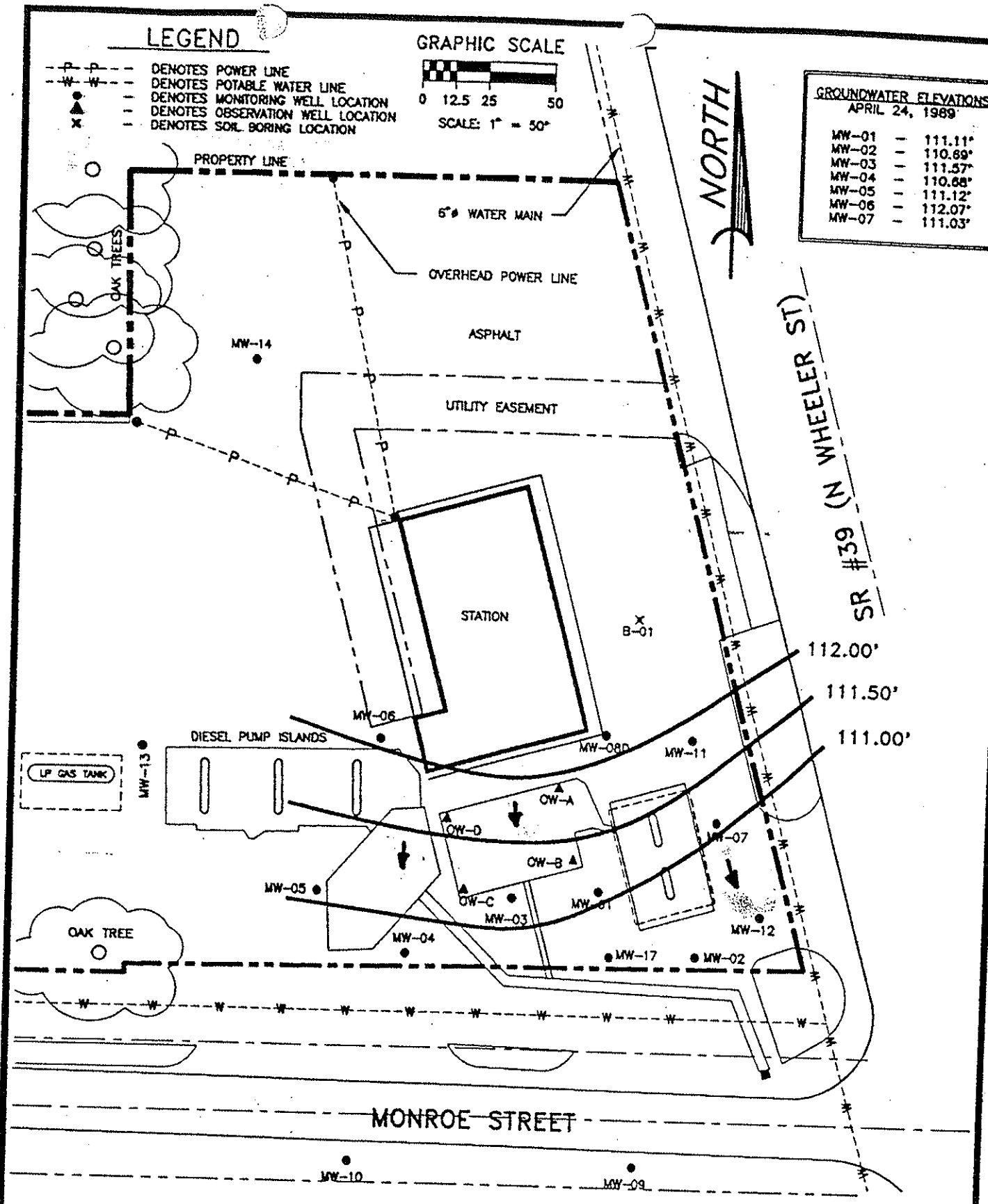
# LEGEND

- P - P - DENOTES POWER LINE
- W - W - DENOTES POTABLE WATER LINE
- DENOTES MONITORING WELL LOCATION
- ▲ DENOTES OBSERVATION WELL LOCATION
- X DENOTES SOIL BORING LOCATION

# GRAPHIC SCALE



GROUNDWATER ELEVATIONS APRIL 24, 1989		
MW-01	-	111.11'
MW-02	-	110.89'
MW-03	-	111.57'
MW-04	-	110.68'
MW-05	-	111.12'
MW-06	-	112.07'
MW-07	-	111.03'



Drawn by: D. A. Morgan    Date: 02-08-81    Chk'd by:    Date:    Q/C Approval:    Date:

PROJECT: STAR/TEXACO  
 PROJECT No.: 10045  
 LOCATION: STA No 204-1328

GROUNDWATER CONTOURS  
 2507 N WHEELER ST, PLANT CITY, FL  
 A-10045-1328-02

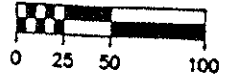


# LEGEND

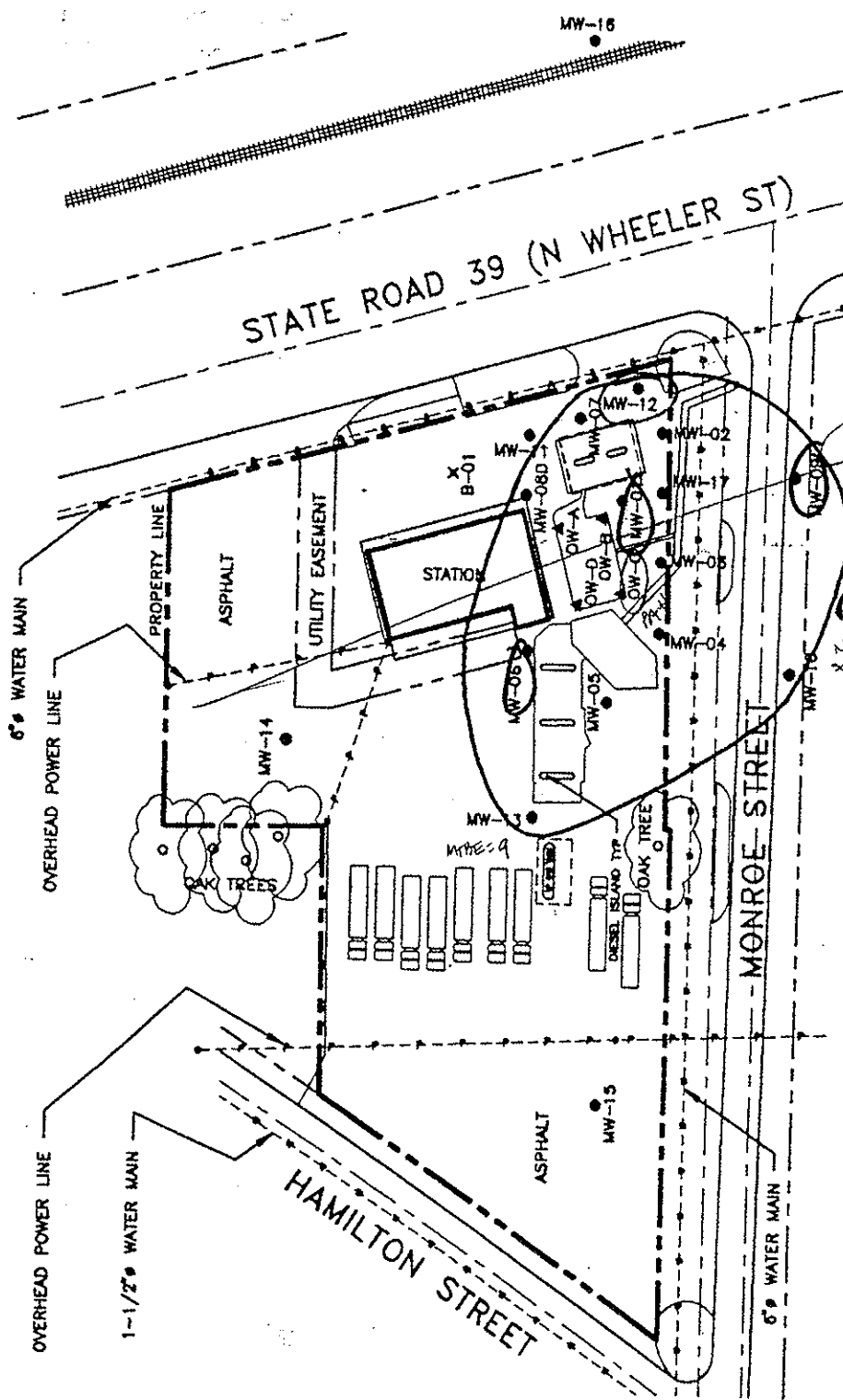
- P - P - DENOTES POWER LINE
- W - W - DENOTES POTABLE WATER LINE
- ● - DENOTES MONITORING WELL LOCATION
- ▲ - DENOTES OBSERVATION WELL LOCATION
- X - DENOTES SOIL BORING LOCATION

NORTH

## GRAPHIC SCALE



SCALE: 1" = 100'



### BENZENE CONCENTRATIONS

MW-01	-	1600	ppb
MW-02	-	NONE	DETECTED
MW-03	-	150	ppb
MW-04	-	19	ppb
MW-05	-	2400	ppb
MW-06	-	44	ppb
MW-07	-	NONE	DETECTED
MW-08	-	3	ppb
MW-09	-	NONE	DETECTED
MW-10	-	NONE	DETECTED
MW-11	-	NOT	SAMPLED
MW-12	-	NONE	DETECTED
MW-13	-	4	ppb
MW-14	-	NONE	DETECTED
MW-15	-	NONE	DETECTED
MW-16	-	NONE	DETECTED
MW-17	-	NOT	SAMPLED

### TOTAL VOA CONCENTRATION

MW-01	-	5020	ppb
MW-02	-	3	ppb
MW-03	-	296	ppb
MW-04	-	46	ppb
MW-05	-	3970	ppb
MW-06	-	84	ppb
MW-07	-	10	ppb
MW-08	-	21	ppb
MW-09	-	5	ppb
MW-10	-	7	ppb
MW-11	-	NOT	SAMPLED
MW-12	-	NONE	DETECTED
MW-13	-	13	ppb
MW-14	-	NONE	DETECTED
MW-15	-	NONE	DETECTED
MW-16	-	NONE	DETECTED
MW-17	-	NOT	SAMPLED

Drawn by: D. A. Morgan		Date: 02-08-91	Chk'd by:	Date:	Q/C Approval:	Date:
PROJECT:	STAR/TEXACO	BENZENE/TOTAL VOA CONCENTRATIONS		OHM Corporation		
PROJECT No.:	10045	2507 N WHEELER ST, PLANT CITY, FL				
LOCATION:	STA No 204-1328	A-10045-1328-03A				

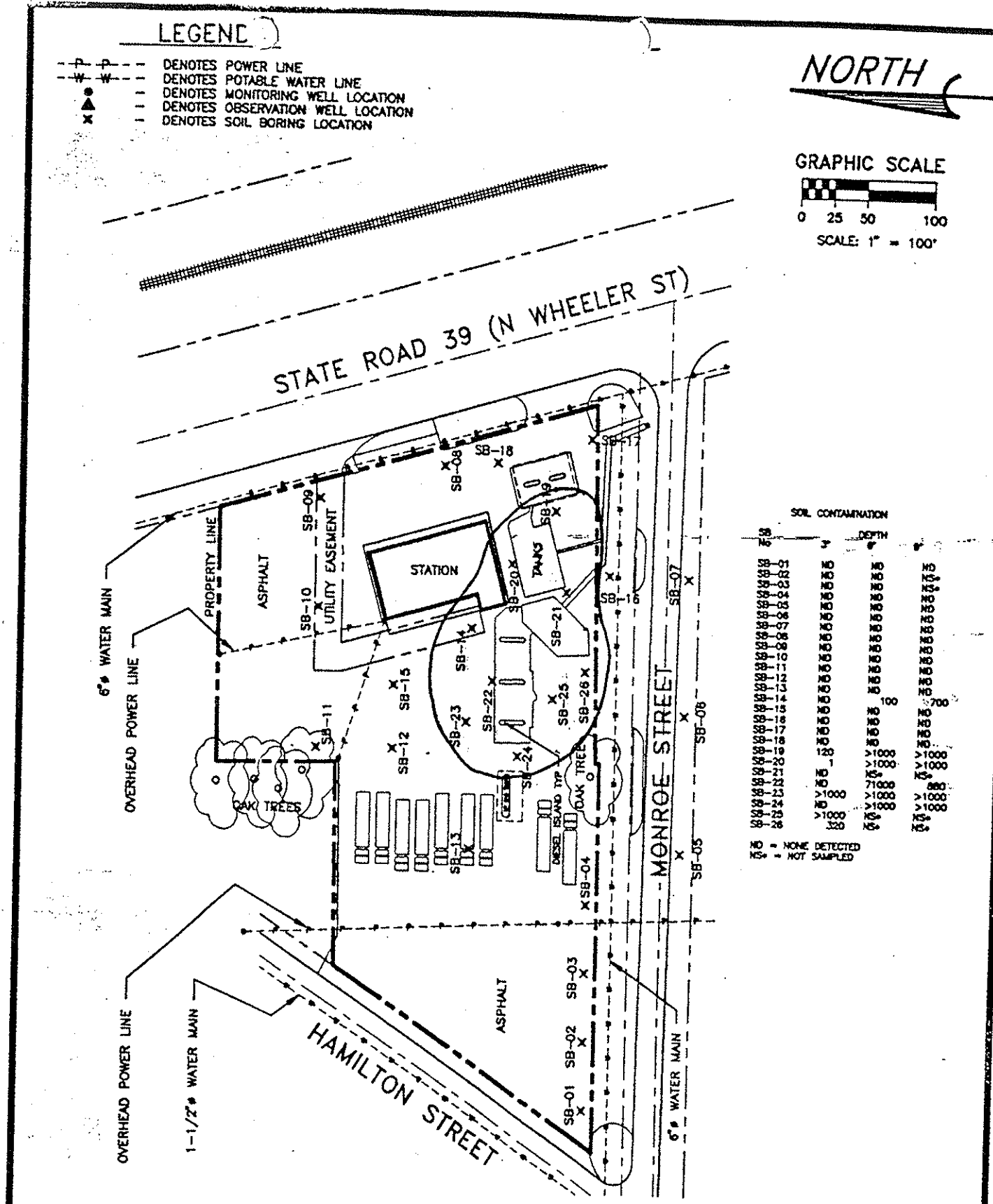
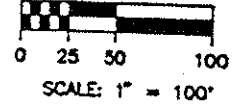


**LEGEND**

- P - P - DENOTES POWER LINE
- W - W - DENOTES POTABLE WATER LINE
- DENOTES MONITORING WELL LOCATION
- ▲ DENOTES OBSERVATION WELL LOCATION
- X DENOTES SOIL BORING LOCATION



**GRAPHIC SCALE**



**SOIL CONTAMINATION**

DEPTH	SOIL CONTAMINATION
0-12"	None Detected
12-24"	None Detected
24-36"	None Detected
36-48"	None Detected
48-60"	None Detected
60-72"	None Detected
72-84"	None Detected
84-96"	None Detected
96-108"	None Detected
108-120"	None Detected
120-132"	None Detected
132-144"	None Detected
144-156"	None Detected
156-168"	None Detected
168-180"	None Detected
180-192"	None Detected
192-204"	None Detected
204-216"	None Detected
216-228"	None Detected
228-240"	None Detected
240-252"	None Detected
252-264"	None Detected
264-276"	None Detected
276-288"	None Detected
288-300"	None Detected

■ NONE DETECTED  
 □ NOT SAMPLED

Drawn by: D. A. Morgan	Date: 02-08-91	Chk'd by:	Date:	Q/C Approval:	Date:
PROJECT: STAR/TEXACO	SOIL BORING LOCATIONS - 11/30/90				
PROJECT No.: 10045	04/29/91				
LOCATION: STA No 204-1328	2507 N WHEELER ST, PLANT CITY, FL				
A-10045-1328-03B			 OHM Corporation		

**UST PROGRAM INSPECTION REPORT**

FACILITY NAME: TEXACO #204-1328		DEP FACILITY #: 298625538	
LOCATION: 2501 N. WHEELER AVENUE PLANT CITY, FLORIDA	SECTION: 20	TOWNSHIP: 28S	RANGE: 22 E
	LATITUDE: 28°02'15"		LONGITUDE: 82°07'36"
PURPOSE: REMEDIAL SYSTEM INSPECTION		SITE TYPE: REIMBURSEMENT	
CONTACT: N. VITANI/OHM	BWC #: 29-2408	INSPECTION DATE: 9/21/94	
<p><b>INSPECTION SUMMARY:</b> <u>INVESTIGATIVE INSPECTION</u></p> <p>I ARRIVED ON SITE AT 11:05 A.M. AND PROCEEDED WITH THE INSPECTION. THE GROUNDWATER PORTION OF THE SYSTEM WAS OPERATIONAL. THE INFLUENT FLOWMETER READING WAS 2,851,571. THE INFLUENT LINE LED TO THE OIL WATER SEPARATOR. A TRANSFER PUMP AND ANOTHER FLOWMETER WHICH READ 2,887,857 WAS LOCATED BETWEEN THE OIL/WATER SEPARATOR AND THE STRIPPER. FROM THERE THE INFLUENT WAS CHANNELLED TO THE STRIPPER AND THEN DISCHARGED. THERE WAS NO EFFLUENT FLOWMETER. THE FLOWRATE WAS ABOUT 12 GPM.</p> <p>THE VAPOR EXTRACTION SYSTEM APPEARED TO HAVE NOT BEEN OPERATIONAL. THERE WAS NO LOGBOOK ON SITE.</p> <p>I LEFT THE SITE AT 11:20 A.M.</p>			
INSPECTOR'S SIGNATURE: <i>DBma</i>		DATE: 9/23/94	

orig: HRL 11/87  
rev: MRM 7/88

August 9, 1994



Mr. Henry Robert Lue  
Environmental Protection Commission  
of Hillsborough County  
1900 North Avenue  
Tampa, FL 33605

P O Box 945140  
Maitland FL 32794-5140  
650 S Northlake Blvd  
Suite 450  
Altamonte Springs FL 32701  
407 263 7000

RE: Remediation System - SVE Status  
Texaco Location No. 24-203-1328  
2501 North Wheeler Street, Plant City, Florida  
FDEP Facility ID No. 2985625538

# 2947

LOGGED

RECEIVED

AUG 16 1994

8116 194

E.P.C. of H.C.

Dear Mr. Lue:

In reference to your latest correspondence dated February 16, 1994, we are submitting the results of confirmatory soil assessment for the referenced site. The soil vapor extraction (SVE) system has been evaluated in accordance with Florida Department of Environmental Protection (FDEP) policy ESS-4 document for vacuum extraction pilot studies, air emissions treatment and monitoring requirements.

#### SOIL ASSESSMENT

On February 18, 1994, OHM Remediation Services Corp. (OHM) conducted a soil investigation to evaluate the progress of the SVE system. All field activities were performed in accordance with OHM's FDEP-approved Comprehensive Quality Assurance Plan (CompQAP) No. 900487G.

Soil borings were completed in the area of the existing pump islands and underground storage tanks (USTs). A total of eight borings were performed using a stainless-steel hand auger. Auger buckets were cleaned prior to use and between soil boring locations by washing with a Liquinox/water solution followed by distilled water rinse, a rinse with isopropyl alcohol, and a final distilled water rinse.

Soil borings were completed to approximately 12 feet below land surface (bls), where the capillary fringe was encountered. Soil samples were collected at 2-foot intervals and placed in 16-ounce jars. Head space analyses were performed using a Foxboro organic vapor analyzer equipped with a flame ionization detector (OVA-FID) in accordance with Chapter 17-700.200(2) of the Florida Administration Code (FAC). OVA-FID readings and other field data were logged by an OHM hydrogeologist.

Soil borings SB-27 through SB-31 were performed in areas which previously exhibited excessive soil contamination. Figure 1 depicts previous soil borings SB-1 through SB-25

performed on November 30, 1990 and March 24, 1991 and soil borings SB-27 through SB-31 performed on February 18, 1994. Table 1 identifies the results of soil screening performed on February 18, 1994. Table 2 correlates the borings performed in November 1990 and April 1991 with those soil borings performed in adjacent locations in March 1994.

Based on the results of this soil investigation, a significant reduction in the extent of excessive soil contamination has been identified. However, localized areas remain excessively-contaminated and will require continued remediation. Through scheduled operation and maintenance (O&M), we will attempt to utilize existing piping configurations to isolate these areas. Localized areas of soil contamination may require additional vapor points and minimal revamping of existing plumbing to complete the remedial action for soils. Soil areas which continue to exhibit excessive contamination may be due to non-homogeneous soil strata and/or reduced permeability and porosity. These factors attribute to reduced radius of influence and capture zone for the existing SVE system.

#### **AIR EMISSIONS**

In accordance with FDEP guidance document ESS-4, the air emissions from the SVE system were collected on February 8, 1994 and sampled using EPA Method 18 to determine if vapor-phase treatment was required. The analytical results indicated that the influent vapor concentrations were below detectable limits. A copy of the analytical report is attached.

Based on the soil assessment results and the analytical sample data obtained from the SVE system off-gas, air emissions modeling was not performed. The laboratory results were to be analyzed using the air modeling program SCREEN2 to determine if acceptable ambient concentrations (AAC) for the exhaust vapor can be achieved without further GAC treatment. Due to non-detected hydrocarbons in the SVE exhaust stream, the SCREEN2 program was not implemented. Based on this data, no vapor-phase treatment will be utilized at this time. During forthcoming O&M site visits, VES exhaust gas samples will be obtained to assure AAC are not exceeded.

If you have any questions or comments, please call me at 407-263-7020.

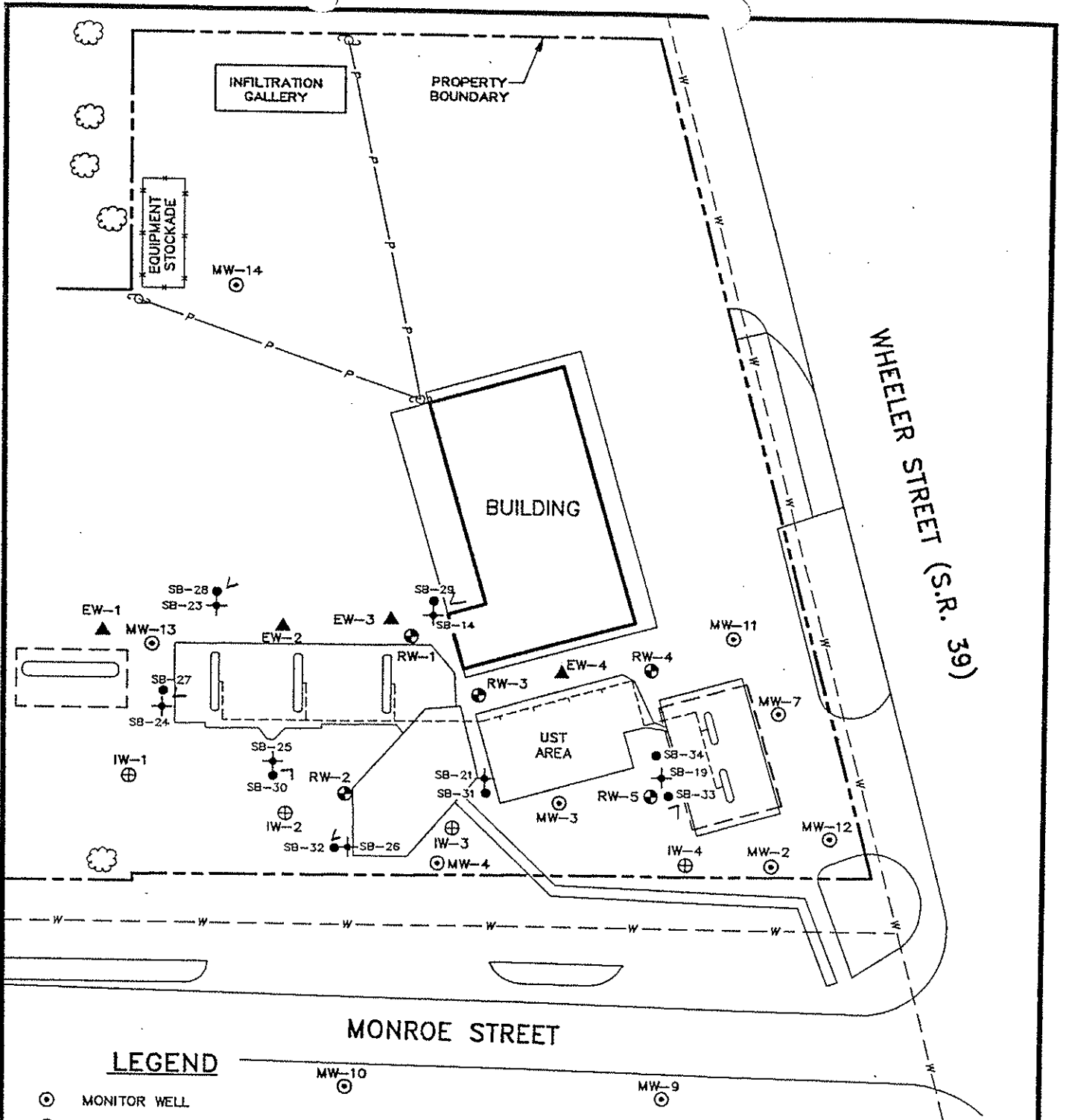
Sincerely,

STAR ENTERPRISE IN BEHALF OF  
TEXACO REFINING AND MARKETING, INC.



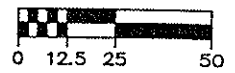
H.G. Isaacs  
Senior Field Environmental Specialist

pc: Charles Ziegmont; FDEP, Tallahassee  
OHM Project File No. 10045  
Env. File  
Env. File; Norcross  
RKG, FCH; TRMI



**LEGEND**

- ⊙ MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL
- + SOIL BORING PERFORMED  
11/30/90 & 04/29/91
- SOIL BORING PERFORMED  
03/18/94 & 03/19/94



Scale in Feet

Project No.: 10045  
 Date: 08/08/94  
 Drawn By: ECW  
 Checked By: NV

Figure 1  
**SOIL BORING LOCATION MAP**  
 TEXACO LOCATION No. 24-203-1328  
 2507 N. WHEELER STREET  
 PLANT CITY, FLORIDA



**TABLE 1**  
**SOIL OVA RESULTS**  
**TEXACO LOCATION NO. 24-203-1328**

SOIL BORING	DATE	DEPTH (fbs)	UNFILTERED RESPONSE	FILTERED RESPONSE	NET RESPONSE
SB-27	02/18/94	2	9.3	0.0	9.3
		4	223.0	R	9.3
		7.5	21.0	2.0	9.3
		8.5	15.0	2.0	
		10	14.0	2.5	9.3
		12	16.0	3.0	9.3
		13	ND	ND	ND
SB-28	02/18/94	2	12.5	1.5	9.3
		4	13.0	2.0	9.3
		7	12.0	2.5	9.3
		8	12.0	2.5	9.3
		10	10.0	3.0	9.3
		10.5	ND	ND	ND
SB-29	02/18/94	2	10.5	1.0	9.3
		4	12.5	2.5	9.3
		6	10.5	2.5	9.3
		8	15.0	2.5	9.3
		10	ND	ND	ND
SB-30	02/19/94	2	NR	NR	12.5
		4	10.0	2.5	9.3
		5	ND	ND	ND

Table I (continued)

SOIL BORING	DATE	DEPTH (fbls)	UNFILTERED RESPONSE	FILTERED RESPONSE	NET RESPONSE
SB-31	02/19/94	2	12.0	3.0	9.3
		4	53.0	2.0	9.3
		5	NS	NS	NS
SB-32	02/19/94	2	9.0	1.5	7.5
		4	3.0	9.0	9.3
		6	NR	NR	50.0
		8	NR	NR	50.0
		10	NR	NR	41.0
SB-33	02/19/94	2	NR	NR	47.0
		4	NR	NR	NR
SB-34	02/19/94	2	NR	NR	43.0
		4	NR	NR	48.0
		6	NR	NR	485.0
		8	NR	NR	> 2,500.0
		10	NR	NR	>2,500.0
ND = Not Detected		NS = Not Sampled		NR = Not Recorded	

**TABLE 2**  
**COMPARISON OF**  
**SOIL OVA RESULTS**  
**AT APPROXIMATELY SAME LOCATION**  
**TEXACO LOCATION NO. 24-203-1328**

SOIL BORING	DATE	DEPTH (fbls)	NET OVA RESPONSE	REDUCTION
SB-24	11/30/90 - 04/29/91	6	> 1,000	78%
SB-27	03/18-19/94	4	222	
SB-23	11/30/90 - 04/29/91	4	> 1,000	99%
SB-28	03/18-19/94	4	11	
SB-14	11/30/90 - 04/29/91	9	700	98%
SB-29	03/18-19/94	8	12	
SB-25	11/30/90 - 04/29/91	3	> 1,000	99%
SB-30	03/18-19/94	2	12	
SB-21	11/30/90 - 04/29/91	3	ND	increased
SB-31	03/18-19/94	4	50	
SB-26	11/30/90 - 04/29/91	3	320	84%
SB-32	03/18-19/94	8	50	
SB-19	11/30/90 - 04/29/91	6	1,000	95%
SB-33	03/18-19/94	2	50	
SB-19	11/30/90 - 04/29/91	6	> 1,000	increased
SB-34	03/18-19/94	8	> 2,500	





**FEB 16 1994**

Received From: **OHM**  
13400 Mohawk Rd  
Clermont, FL 34712-1190

Date Reported : Feb15 1994  
Project Number : STAR242041328  
PO Number : 10045  
FDHRSDW Number : 83139  
FHRS ENVNumber : E83018  
FDER COMQAPNum : 86-0008G  
A2LA Number : 0312-01  
NCDEHNR Number : 296  
SCDHEC Number : 96019

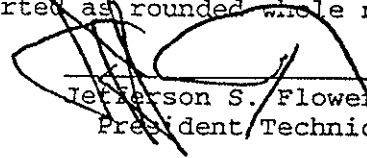
For: BTEX TRPH  
Date Sampled: Feb 8 1994 Date Received: Feb10 1994 Lab Number : 32233

**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	32233 INF
		Detection Limit			
Tot_Pet_Hydrocarbons	mg/m3	1			ND
Benzene	mg/m3	1			ND
Toluene	mg/m3	1			ND
Ethylbenzene	mg/m3	1			ND
Xylene	mg/m3	1			ND
Total_BTEX	mg/m3	1			ND
Methane	mg/m3	1			-
Methyl-tert-butyleth	mg/m3	1			-
Carbon_Dioxide	mg/m3	1			-

**Data Release Authorization**

Sample integrity and reliability certified by Lab personnel prior to analysis.  
Methods of analysis in accordance with FCL QA and EPA approved methodology.  
This Report of Analysis may not be reproduced in part.  
Values Reported as rounded whole numbers. ND denotes Not Detected.

  
\_\_\_\_\_  
Jefferson S. Flowers, Ph.D.  
President/Technical Director

## FLOWERS CHEMICAL LABORATORIES

## ANALYTICAL RESULTS FORM

HRS Number 83139

Parameter	Symbol	Unit	Inf.					QA				Section	
								Method	MDL	%RSD	%Rec	Analys	Date
Tot. Pet. Hydrocarbons	*	mg/m3	<1					EPA18	1			CJG	02-14-94
Benzene	*	mg/m3	<0.5					EPA18	0.5			CJG	02-14-94
Toluene	*	mg/m3	<0.5					EPA18	0.5			CJG	02-14-94
Ethylbenzene	*	mg/m3	<0.5					EPA18	0.5			CJG	02-14-94
Xylene	*	mg/m3	<0.5					EPA18	0.5			CJG	02-14-94
Total BTEX	*	mg/m3	<0.5					EPA18	0.5			CJG	02-14-94
Methane	*	mg/m3	-					EPA18	0.5			CJG	02-14-94
MTBE	*	mg/m3	-					EPA18	0.5			CJG	02-14-94
CO2	*	mg/m3	-					EPA18	0.5			CJG	02-14-94
Date Received: 02-10-94				Typed: 02-14-94				Sent: 02-14-94					
Project Number	STAR242041328												
PO Number	10045												
Date Sampled	1 02-08-94 *												
Date Analyzed	0												
Compacted	0												
Format	AlphaL												
Unit Cost	Exted												
BTEX/TRPH	25000 1 *												
Discount	-12500 1 *												
0.00													

REC'D  
MAR 27 1997  
ENV. PROT. COMM.  
OF H.C.

First Quarter, Fifth Year  
Remedial Action Status Report  
September 1996 to November 1996  
for Texaco Service Station, No. 24-203-1328  
2501 N. Wheeler Street  
Plant City, Hillsborough County, Florida

298625538

LOGGED

3 / 31 / 97

# 4845

Prepared for


Environmental Protection Commission  
of Hillsborough County  
1900 9<sup>th</sup> Avenue  
Tampa, Florida 33605

Prepared by

OHM Remediation Services Corp  
13400 Mohawk Road  
Clermont, Florida 34711

March 21, 1997

Reviewed by

  
William Chadeayne, PG  
Geosciences Manager



## 1. Introduction

---

The following report summarizes the status of the remedial system at the Texaco Service Station, location No. 24-203-1328 at 2501 North Wheeler Street, Plant City, Hillsborough County, Florida, for the first quarter of the fifth year of remedial action, dating from September 1996 to November 1996.

The groundwater remediation system consists of five recovery wells, one oil/water separator (equalization tank), and one air stripping tower. Treated effluent is discharged into an on-site infiltration gallery located upgradient and outside of the capture zone of the recovery wells. The location of the remediation system components is illustrated in **Figure 1, Appendix A**. A Remedial System Summary is provided in **Table 1, Appendix A**.

Soil is being remediated via a soil vapor extraction (SVE) system that consists of four vapor extraction wells (EW) and four vapor injection wells (IW) (**Figure 1**). Two SVE blowers have been used to recover soil vapors. In September 1994, because of the leveling-off of the recovered vapor concentrations, one SVE blower was configured as an air injection blower. It injects air into the designated IWs to enhance the migration of soil hydrocarbons toward the EWs.

Pursuant to OHM Remediation Corp.'s (OHM) August 9, 1994, letter to the Environmental Protection Commission of Hillsborough County (EPCHC), the recovered vapors are currently being discharged to the atmosphere without treatment because they are within the maximum allowable levels for air quality compliance.

## 2. Project Data Summary

---

<b>Groundwater Remediation System Startup:</b>	December 2, 1992
<b>RAP Approval Date:</b>	June 18, 1992
<b>Soil Remediation System Startup:</b>	January 14, 1993
<b>Contaminant Group:</b>	Kerosene
<b>Design Total Groundwater Recovery Rate:</b>	Total: 5.0 gpm RW-1: 1.0 gpm RW-2: 1.0 gpm RW-3: 1.0 gpm RW-4: 1.0 gpm RW-5: 1.0 gpm
<b>Current Groundwater Recovery Rate:</b>	Total: 1.2 gpm RW-1: 0.4 gpm RW-2: 0.0 gpm RW-3: 0.2 gpm RW-4: 2.0 gpm RW-5: 0.0 gpm (flow meter broken)
<b>Volume of Groundwater Recovered:</b>	5,231,350 gallons November 25, 1996 5,023,870 gallons July 10, 1996
<b>Free Product Recovered:</b>	None during this reporting period

### 3. Groundwater Remediation System Performance

---

Groundwater elevation data were collected during monthly visits in September and October and during the quarterly visit in November 1996. The groundwater data for the November 25, 1996, and May 13, 1996, visits are depicted in **Appendix B, Figure 2 and Figure 3**, respectively. These figures show the effect of the recovery wells on the groundwater elevation. **Table 2, Appendix B**, summarizes groundwater elevation data.

During the quarterly sampling event on November 25, 1996, five recovery wells and monitor wells MW-4, MW-7, and MW-8 were sampled. The November 25, 1996, and May 13, 1996, analytical results across the site for benzene are depicted in **Appendix C, Figure 4 and Figure 5**, respectively. The November 25, 1996, and May 13, 1996, analytical results across the site for total BTEX (benzene, toluene, ethylbenzene, and xylenes) are depicted in **Appendix C, Figure 6 and Figure 7**, respectively. Results of the November 25, 1996, sampling event and previous sampling events are summarized in **Table 3, Appendix B**. **Figure 8, in Appendix C**, depicts the trends of the total BTEX concentrations over time. The complete laboratory report for the quarterly sampling event is included in **Appendix D**.

On September 9, 1996, during a scheduled monthly visit, the air stripper blower and SVE blower motors were found to have seized up. The SVE blower motor was repaired on site, but the air stripper blower motor had to be removed for repair. The air stripper blower motor was repaired on September 12 and replaced on September 13, 1996. The system was returned to operation following the replacement of the motor. A summary of the remediation system performance is provided in **Table 4, Appendix C**.

#### 4. SVE System Performance

---

On September 9, 1996, during a monthly visit, the SVE system's blower motor was found to have seized up. The motor was repaired on site; however, the system was not returned to operation until September 13, 1996, when the groundwater system was repaired.

The SVE system was monitored by sampling the influent and effluent vapors with an organic vapor analyzer (OVA). September OVA monitoring results of the two influent sample ports were 4 parts per million (ppm) for SVE-1 and 8 ppm for SVE-2. September results of the effluent monitoring were 0.0 ppm for SVE-1 and 0.0 ppm for SVE-2. In October, they were 2.8 ppm and 41 ppm, respectively. The SVE system was not sampled during the November 1996 quarterly event per authorization of EPCHC.

## 5. Summary of On-Site Activities

---

Monthly operation and maintenance (O&M) of the remediation system was performed. During these monthly O&M visits, groundwater elevation data from selected MWs and RWs were collected. Recovery wells and designated monitor wells MW-2, MW-4, MW-7, and MW-8 were sampled quarterly. Groundwater samples were analyzed for BTEX, MTBE, and naphthalene compounds.

A summary of on-site maintenance activities, excluding the sampling events, is listed below.

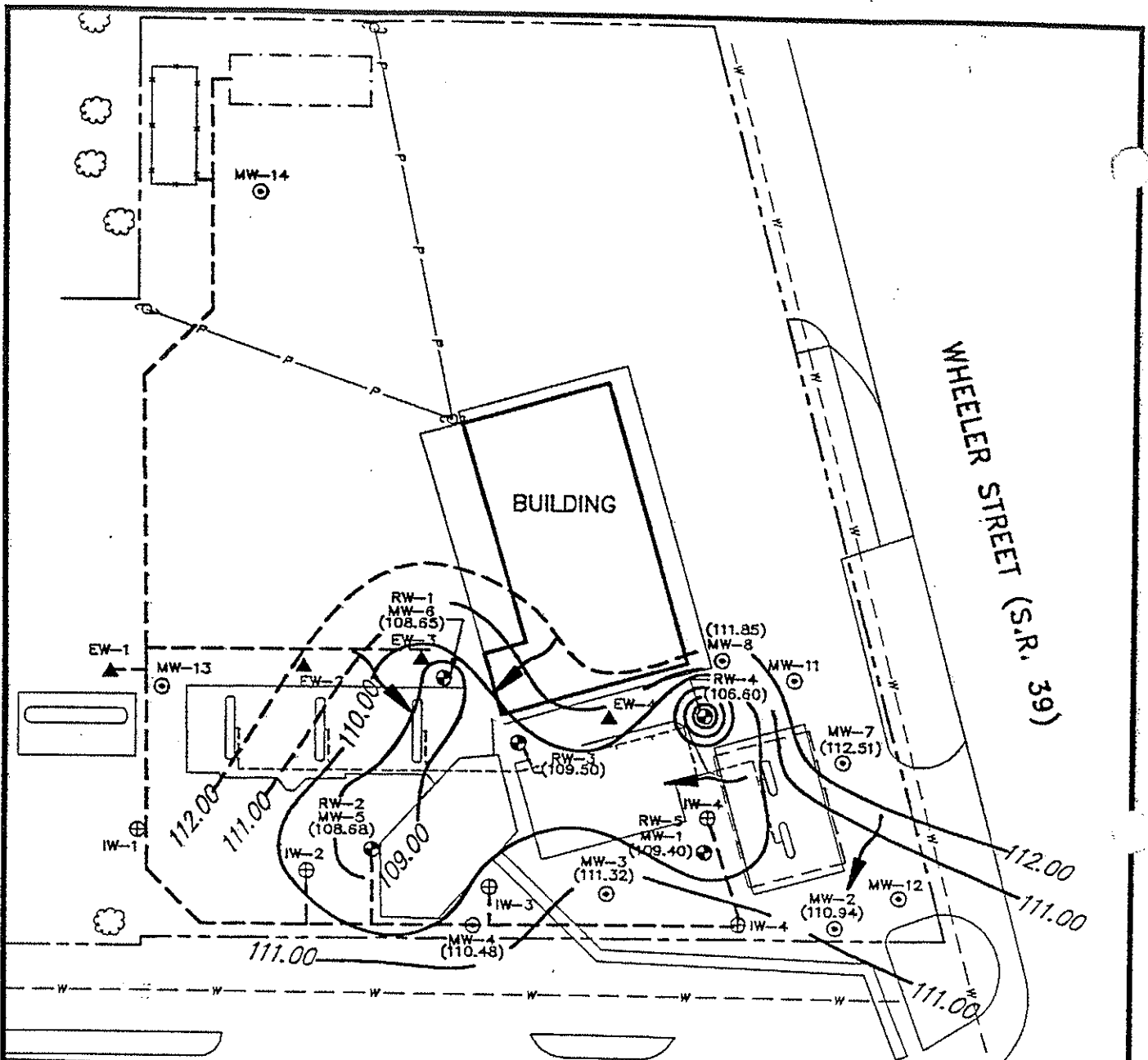
Date	Activity
9/9/96	Air stripper blower motor and SVE motor had seized up. The SVE motor was repaired on site. The air stripper motor was removed for repair.
9/13/96	Air stripper blower motor replaced following repair. Returned system to operation.



## 6. Conclusions and Recommendations

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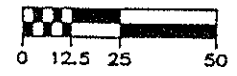
- Based on the analytical results of the quarterly sampling event, the remedial system has reduced the dissolved hydrocarbons in the groundwater.
- The system has remained operational since the September repair of the blower motors.
- Based on OVA results of the SVE system influent and effluent, it is recommended that the SVE system be shut down pending the results of a soil assessment.
- Based on analytical results, it is recommend that a monitoring-only plan be developed for the site pending the analytical results for the next quarter.



12.00 WATER TABLE CONTOUR IN FEET

- ⊙ MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL
- ⊙ FORMER INJECTION WELL
- P-P- OVERHEAD POWER LINE
- W-W- UNDERGROUND WATER LINE

WELL No.	WATER TABLE ELEVATIONS (FT.)
MW-2	110.94
MW-3	111.32
MW-4	110.45
MW-7	112.51
RW-1	108.66
RW-2	108.68
RW-3	111.05
RW-4	109.50
RW-5	109.40



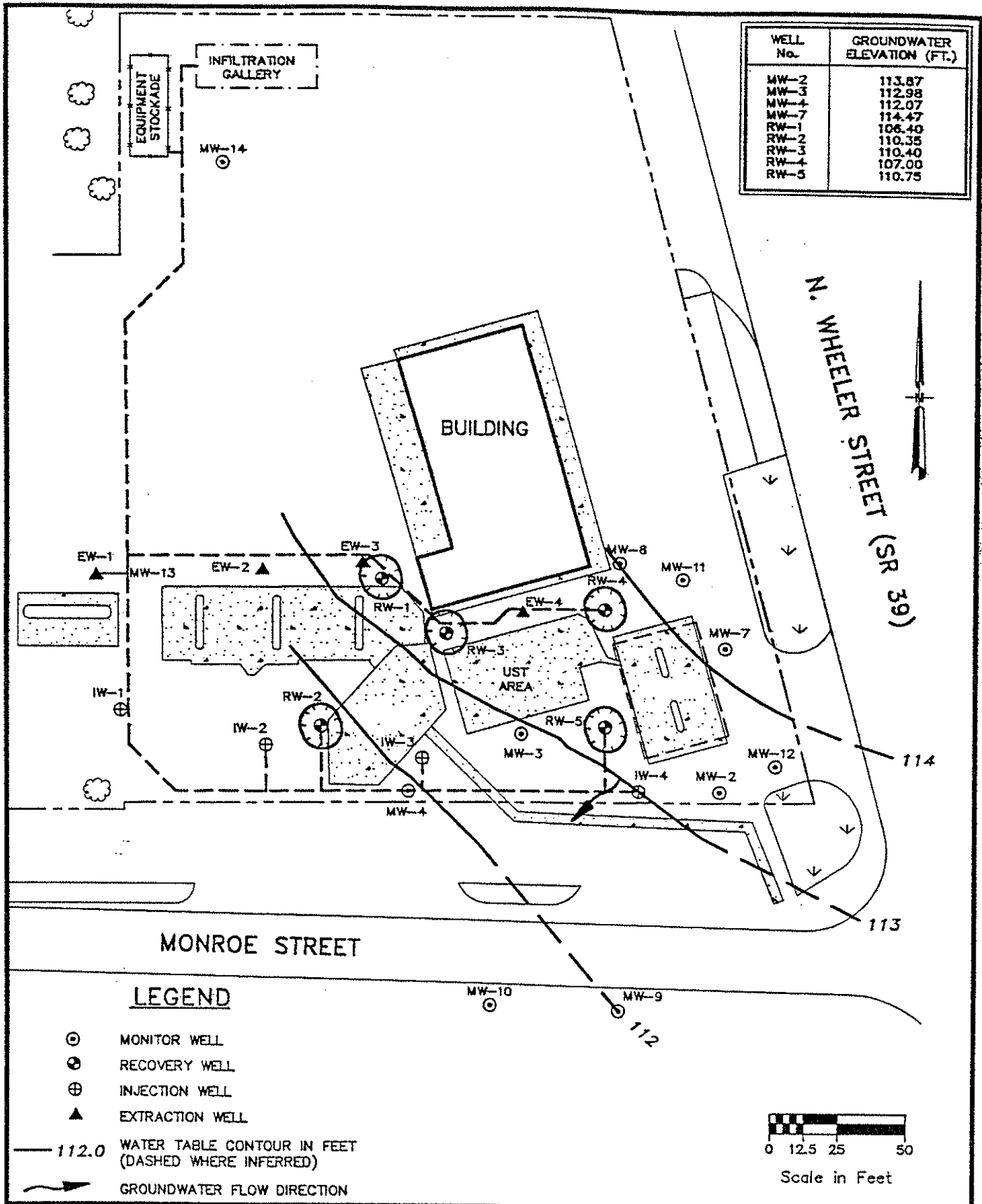
Scale in Feet

Project No.: 19180  
 Date: 2/27/97  
 Drawn By: M.C.  
 Checked By: DW

Figure 2  
**GROUNDWATER TABLE CONTOUR MAP**  
 (11/25/96)  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA



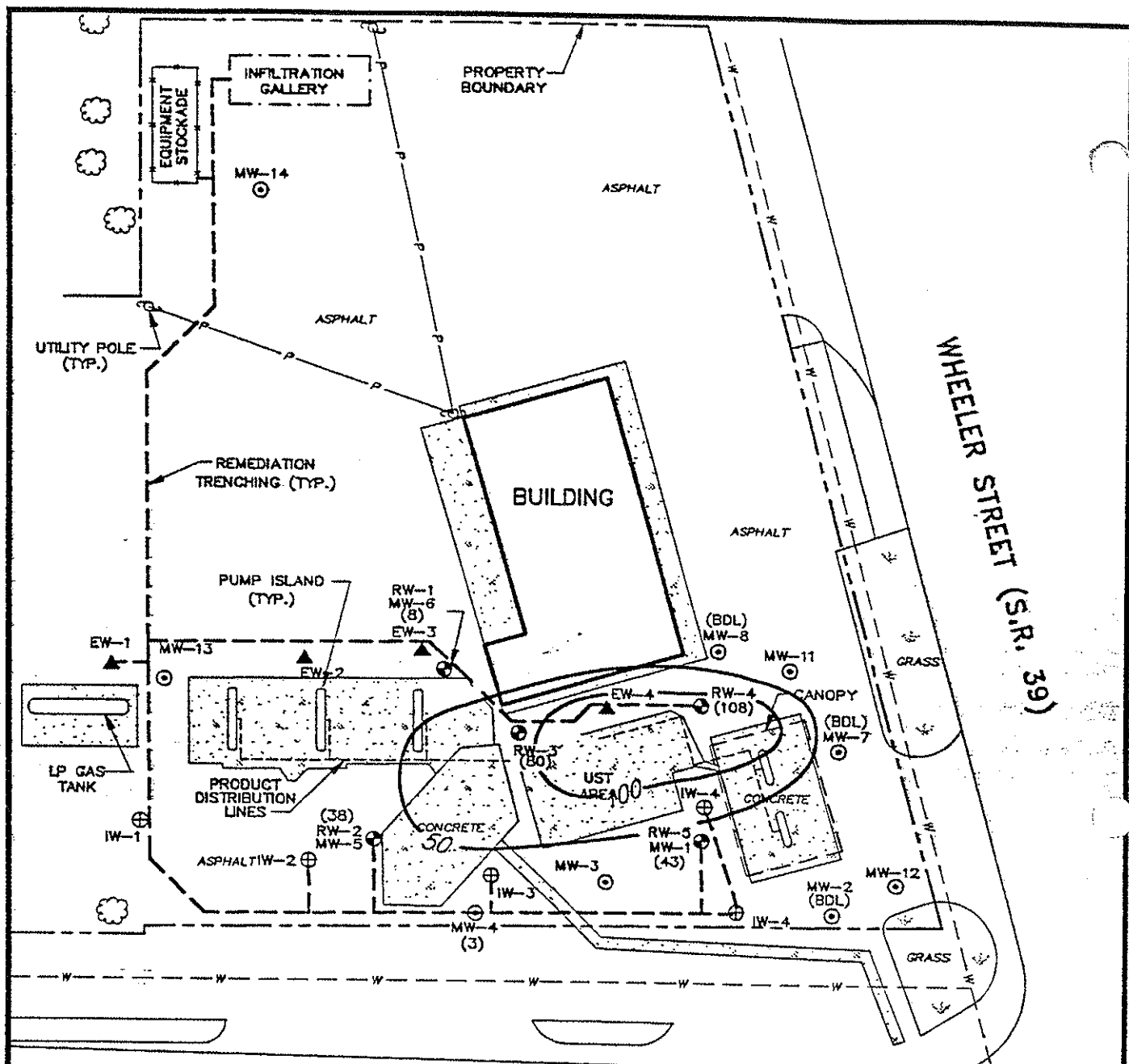
WELL No.	GROUNDWATER ELEVATION (FT.)
MW-2	113.87
MW-3	112.98
MW-4	112.07
MW-7	114.47
RW-1	106.40
RW-2	110.35
RW-3	110.40
RW-4	107.00
RW-5	110.75



Project No.: 19180  
 Date: 2/27/97  
 Drawn By: M.C.  
 Checked By: DW

Figure 3  
**WATER TABLE CONTOUR MAP (5/13/96)**  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA

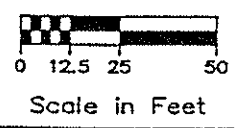




**LEGEND** **MONROE STREET**

- 100 — TOTAL BTEX CONCENTRATION (ppb)
- ⊙ MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL
- ⊕ FORMER INJECTION WELL
- P — P — OVERHEAD POWER LINE
- W — W — UNDERGROUND WATER LINE

WELL No.	TOTAL BTEX CONCEN. (ppb)
MW-2	BDL
MW-4	BDL
MW-7	BDL
MW-8	BDL
MW-13	ND
RW-1	8
RW-2	38
RW-3	80
RW-4	108
RW-5	43



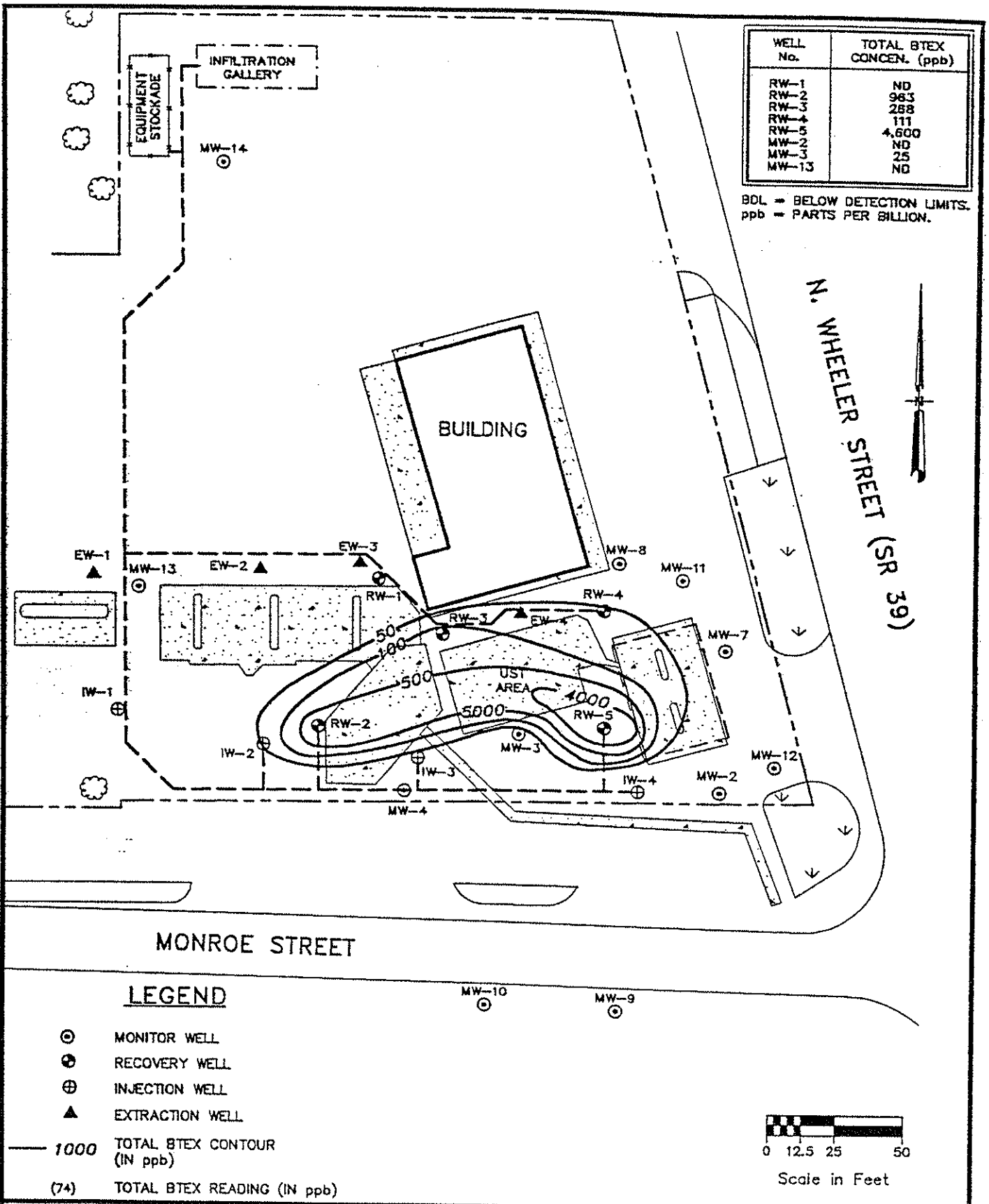
Project No.: 19180  
 Date: 2/27/97  
 Drawn By: M.C.  
 Checked By: DW

**Figure 4**  
**TOTAL BTEX CONTOUR MAP**  
 (11/25/96)  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA



WELL No.	TOTAL BTEX CONCEN. (ppb)
RW-1	ND
RW-2	963
RW-3	288
RW-4	111
RW-5	4,600
MW-2	ND
MW-3	25
MW-13	ND

BDL = BELOW DETECTION LIMITS.  
ppb = PARTS PER BILLION.

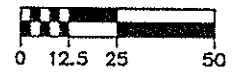


**LEGEND**

- ⊙ MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL

— 1000 TOTAL BTEX CONTOUR (IN ppb)

(74) TOTAL BTEX READING (IN ppb)



Scale in Feet

Project No.: 19180  
Date: 2/27/97  
Drawn By: M.C.  
Checked By: DW

**Figure 5**  
**TOTAL BTEX CONTOUR MAP (5/13/96)**  
TEXACO LOCATION No. 24-203-1328  
2501 N. WHEELER STREET  
PLANT CITY, HILLSBROUGH COUNTY, FLORIDA







# TABLE 4: SOIL VAPOR QUALITY SUMMARY

Facility Name: Star Loc. No.24-203-1328  
Facility Address: 2501 N. Wheeler Sreet  
Plant City, Hillsborough County, Florida  
Facility ID: 298625538

Not detected = ND  
Analytical Results = ppm

WELL	DATE	INFLUENT	EFFLUENT
SVE-1	9/30/96	4	ND
	10/29/96	—	2.8
SVE-2	9/30/96	8	ND
	10/29/96	—	41



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TELEPHONE (813) 272-7104

May 8, 1997

Mr. Ben Bullen  
OHM Corporation  
13400 Mohawk Road  
Clermont, Florida 34711

Dear Mr. Bullen:

**SUBJECT: REVIEW OF "1<sup>ST</sup> QUARTER, FIFTH YEAR REMEDIAL ACTION STATUS REPORT, SEPTEMBER 1996 TO NOVEMBER 1996," TEXACO #24-203-1328, 2501 N. WHEELER STREET, PLANT CITY, FL; FAC# 298625538**

The Environmental Protection Commission of Hillsborough County has reviewed the subject report received on March 27, 1997. This report was submitted pursuant to pre-approval work order #97-29-0052-0. Based on the data and information presented, the EPC/HC agrees with the recommendation to cease active site remediation in favor of a Monitoring Only Plan (MOP). To this end, please develop a pre-approval program cost proposal to include the specifications and costs for this MOP. The recommendation to do additional soil assessment work will not be considered at this time. If during the course of the MOP period ground water quality data show that vadose soils may be contributing to further ground water contamination, then some soil work might be done. If there are further questions, please call me at (813) 272-5788.

Sincerely,

A handwritten signature in cursive script that reads "Gordon A. Leslie Jr.".

Gordon A. Leslie Jr., P.G.  
Professional Geologist

cc: Shawn Abbott, FDEP





(98-29-0173-0)

OHM Remediation Services Corp.

LOGGED REC'D

October 16, 1997

Mr. Gordon A. Leslie Jr., PG  
Environmental Protection Commission of  
Hillsborough County  
1900 Ninth Street  
Tampa, Florida 33605

2/4/98  
#5182

JAN 23 1998

ENV. PROT. COMM. #2  
OF H.C.

RE: 2nd Quarterly MOP Report  
Texaco Location No. 24-025-1328  
2501 Wheeler Street  
Plant City, Florida  
FAC ID No. 298625538

RECEIVED

JAN 23 1998

EPC/Waste Management Division

Dear Mr. Leslie:

On May 8, 1997 the Florida Department of Environmental Protection (FDEP) approved a monitoring only plan (MOP). In accordance with the MOP, quarterly sampling was conducted at the referenced site on September 19, 1997. Recovery wells RW-3, RW-4, and RW-5 were resampled on October 3, 1997, after it was realized that the September samples were taken from water still in the pipes rather than the recovery well itself. This supplemental event was done at OHM's expense.

Liquid levels were collected from monitor wells at the site, during the September sampling event to develop a water table contour map and to determine groundwater flow direction. Figure 1 illustrates groundwater flow direction to the west. Table 1 presents groundwater elevation data.

Monitor well MW-11 and RW-5 were identified as a designated MOP sampling point for this plan. When OHM personnel visited the site to sample these well along with the other designated points (MW-2, MW-3, RW-3, and RW-4) it was discovered that MW-11 had apparently been abandoned at some point in the past, and RW-5 had just enough moisture in the bottom of the well to register on the water level indicator, but not enough to sample.. Since MW-11 was no longer available, and RW-5 was dry MW-8, which is located 20 feet to the west of MW-11 and MW-4 which is located 60 feet to the west of RW-5, were selected as the alternates.

Groundwater samples were collected from monitor wells MW-2, MW-3, MW-8, RW-3, RW-4, and MW-4. Laboratory analytical results of the MW-8 groundwater sample exhibited a Benzene concentration of 12 parts per billion (ppb), and a total BTEX concentration of 16 ppb. The RW-

COPY

3 sample showed a Benzene concentration of 18 ppb and a BTEX concentration of 248.1 ppb, RW-4 showed benzene at 42 ppb, and BTEX at 872 ppb. RW-5 exhibited the highest concentrations of benzene and total BTEX at 1,500 ppb and 7,180 ppb respectively. The remaining samples MW-2, and MW-3 were below detectable limits for all the analyzed parameters. All other analytes for these samples were below detection limits (BDL). Figure 2 and Figure 3 illustrate the benzene and BTEX concentrations respectively. Table 2 summarizes the groundwater monitoring analytical data. Attachment A contains water sampling logs and laboratory analytical reports.

Based on the analysis results, it is apparent that there are very high concentrations of petroleum analytes in the groundwater. A review of the historic groundwater data shows some seasonal fluctuation in analyte concentrations in the impacted wells, which may be indicative of a contaminant source which only periodically is exposed to the groundwater

OHM recommends restarting the treatment system at the site, and modifying the system to operate as a dual phase treatment system, with deeper, low-pressure sparge points on the perimeter of the contaminant plume to enhance the natural biodegradation process and to accelerate the cleanup process.

If this recommendation is delayed in its implementation, the next quarterly sampling event is scheduled for December 1997 and will consist of sampling MW-2, MW-3, MW-8, RW-3, RW-4, and RW-5 (MW-4 if RW-5 is dry) for analysis by EPA Test Method 602.

Should you have any comment or questions, please contact me at (352) 241-2216.

Sincerely,

OHM REMEDIATION SERVICES CORP.



Michael B. Bullen  
Project Manager

pc: MEM  
OHM Project File No. 19180

1997



(98-29-0173-0)

OHM Remediation Services Corp.

RECEIVED

REC'D

FEB 03 1998

FEB 03 1998

EPC/Waste Management Division

ENV. PROT. COMM. OF H.C.

February 2, 1998

Mr. Gordon A. Leslie Jr., PG  
Environmental Protection Commission of  
Hillsborough County  
1900 Ninth Street  
Tampa, Florida 33605

# 3

LOGGED

2 / 4 / 98

RE: 3rd Quarterly MOP Report  
Texaco Location No. 24-025-1328  
2501 Wheeler Street  
Plant City, Florida  
FAC ID No. 298625538

# 5180

Dear Mr. Leslie:

On May 8, 1997 the Florida Department of Environmental Protection (FDEP) approved a monitoring only plan (MOP). In accordance with the MOP, quarterly sampling was conducted at the referenced site on January 26, 1998

Liquid levels were collected from monitor wells at the site, during the January sampling event to develop a water table contour map and to determine groundwater flow direction. **Figure 1** illustrates groundwater flow direction to the west. **Table 1** presents groundwater elevation data.

Groundwater samples were collected from monitor wells MW-2, MW-3, MW-8, RW-3, RW-4, and RW-5. RW-6 was a duplicate of RW-5. Laboratory analytical results of the RW-5 groundwater sample exhibited the highest concentrations, a Benzene concentration of 250 parts per billion (ppb), and a total BTEX concentration of 1310 ppb. The duplicate sample, RW-6, verified the results for RW-5 with a benzene of 250 ppb and a BTEX of 1360 ppb. The RW-4 sample showed a Benzene concentration of 23 ppb and a BTEX concentration of 380 ppb, MW-3 showed benzene at 13 ppb, and BTEX at 78 ppb. RW-3 showed benzene and total BTEX at 1.2 ppb and 82.3 ppb respectively. The remaining samples MW-2, and MW-8 were below detectable limits for all the analyzed parameters. All other analytes for these samples were below detection limits (BDL). **Figure 2** and **Figure 3** illustrate the benzene and BTEX concentrations respectively. **Table 2** summarizes the groundwater monitoring analytical data. **Attachment A** contains water sampling logs and laboratory analytical reports.

Based on the analysis results, it is apparent that there are very high concentrations of petroleum

analytes in the groundwater. A review of the historic groundwater data shows some seasonal fluctuation in analyte concentrations in the impacted wells, which may be indicative of a contaminant source which only periodically is exposed to the groundwater. The site concentrations currently appear to be in a downward trend.

OHM recommends restarting the treatment system at the site, and modifying the system to operate as a dual phase treatment system, with deeper, low-pressure sparge points on the perimeter of the contaminant plume to enhance the natural biodegradation process and to accelerate the cleanup process.

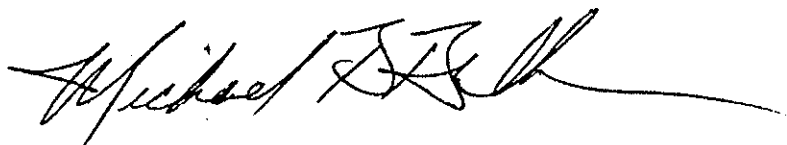
If this recommendation is delayed in its implementation, the next quarterly sampling event is scheduled for March 1998 and will consist of sampling MW-2, MW-3, MW-8, RW-3, RW-4, and RW-5 for analysis by EPA Test Method 602.

Please note that all future correspondence relating to this project should be referred to Daniel J. Warmke, P.G.. He will be taking over all of OHM's Preapproval sites in the Tampa Bay area.

Should you have any comment or questions, please contact me at (352) 241-2216 or Dan at (352) 241-2251.

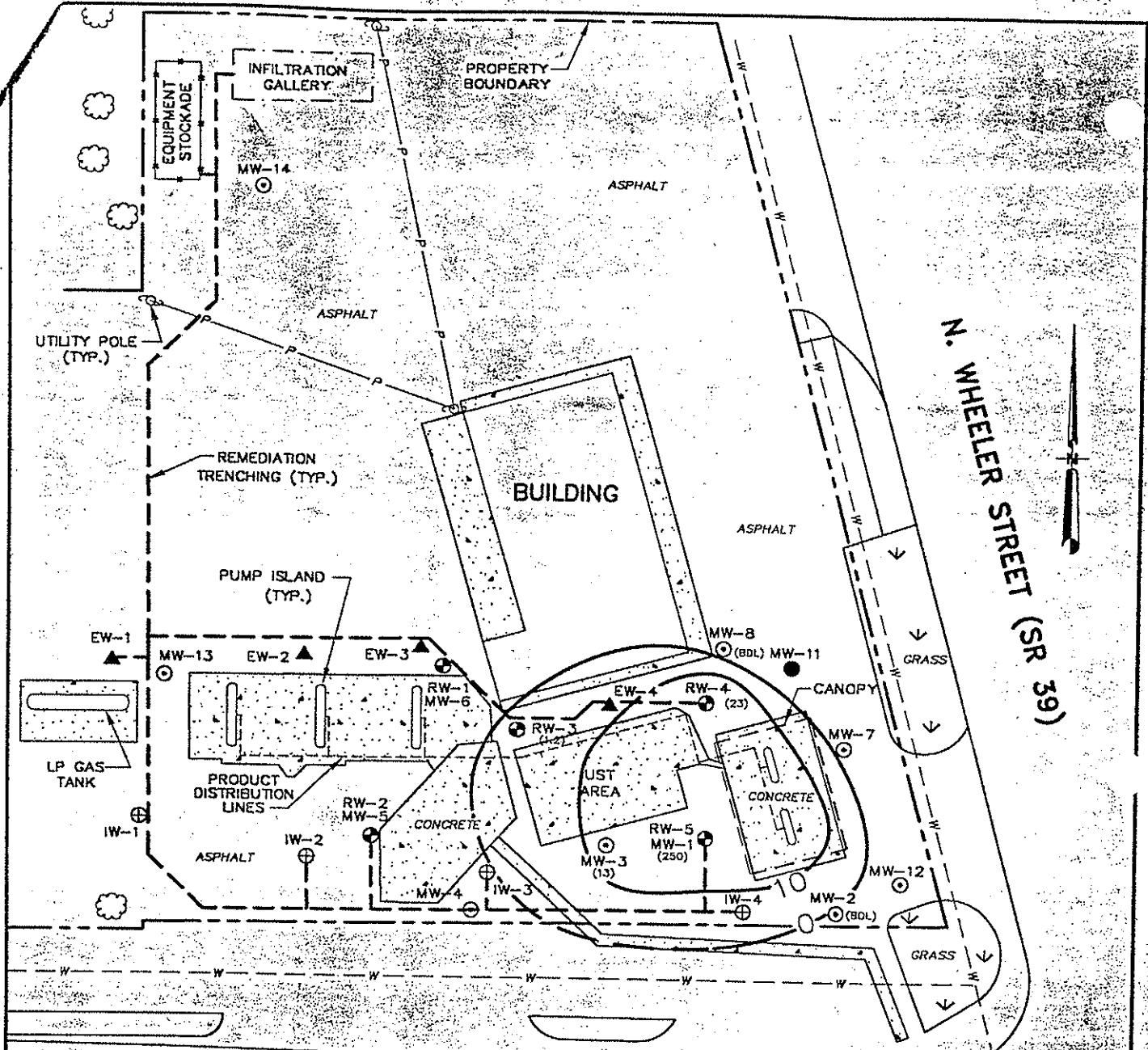
Sincerely,

OHM REMEDIATION SERVICES CORP.



Michael B. Bullen  
Project Manager

pc: MEM  
OHM Project File No. 19180



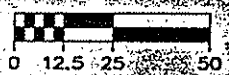
MONROE STREET

**LEGEND**

- FORMER MONITOR WELL
- MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL

- P-P- OVERHEAD POWER LINE
- W-W- UNDERGROUND WATER LINE
- 10 - 10ppb CONTOUR LINE

MW-10      MW-9



Scale in Feet

Project No.: 19180  
 Date: 1/26/98  
 Drawn By: GMM  
 Checked By: MBB

Figure 2  
**BENZENE CONTOUR MAP**  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA



**OHM Remediation  
 Services Corp.**

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WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

February 19, 1998

Mr. Daniel J. Warmke, P.G.  
OHM Remediation Services Corp.  
13400 Mohawk Road  
Clermont, Florida 34711

**SUBJECT: GROUNDWATER ANALYTICAL DATA MONITORING ONLY  
REPORT, SECOND AND THIRD QUARTER RESULTS (RECEIVED  
JANUARY 23, 1998 AND FEBRUARY 3, 1998, RESPECTIVELY)  
REVIEW FOR TEXACO 24-025-1328, 2501 WHEELER STREET, PLANT  
CITY, FLORIDA, FAC #298625538, PRE-APPROVAL WORK ORDER  
#98-29-02173-0**

Dear Mr. Warmke,

The Environmental Protection Commission (EPC) has concurrently reviewed the subject documents. Because of the short time between receipts of the subject reports (less than 2 weeks), this comments from the two reports will be based mostly on the latest report, which is the third quarter report.

The latest analytical data (between 6/97 to 10/97) an increase in Benzene and total BTEX levels in RW-4, RW-5 and MW-3. OHM may be correct regarding the possibility of a contaminant source periodically exposed to groundwater. Although this increase in contaminant levels has occurred, the analytical results from 10/97 to 1/98 indicates the levels are beginning to decrease once again. It is very likely there are contaminants in the soil that are getting "washed" into the groundwater during the seasons with high amounts of rain. However, to adequately determine if there is a decreasing trend in the contaminants in these wells, the next quarterly sampling event should be planned and scheduled accordingly.

The EPC has not ruled out the possibility of performing some means of remediation at this site, however such methods should not rule out the possibility of an injection of some oxygen regenerates, a smaller scale active remediation system, etc. Additionally, if some contaminants do exist in the soil, then some borings may be necessary. Unfortunately, the unseasonably large amounts of rain over the past few months has caused the groundwater table at this site to be very high. Once groundwater levels have declined to a reasonable level, then samples should be taken in pre-selected areas to determine the condition of the soil.



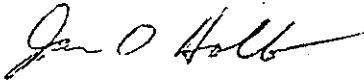
Mr. Daniel J. Warmke

February 19, 1998

page 2

Sub-tasks D, E, F and G of the subject work order have been completed as specified. You may invoice the Florida Department of Environmental Protection for these sub-tasks. As a reminder, a copy of this letter must accompany the invoice as evidence of work order completion. If you any further questions, please don't hesitate to contact me at 272-5788.

Sincerely,



James O. Holton, P.E.  
Professional Engineer I



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ROGER P. STEWART



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WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

May 7, 1998

Mr. Daniel J. Warmke, P.G.  
OHM Remediation Services Corp.  
13400 Mohawk Road  
Clermont, Florida 34711

**SUBJECT: MONITORING ONLY REPORT (RECEIVED APRIL 14, 1998) REVIEW FOR TEXACO 24-025-1328, 2501 WHEELER STREET, PLANT CITY, FLORIDA, FAC #298625538, PRE-APPROVAL WORK ORDER #98-29-0173-0**

Dear Mr. Warmke:

The Environmental Protection Commission has reviewed the subject document. Analytical results indicate some contaminants in RW-4 and RW-5 exceed the values defined in Chapter 62-770, Florida Administrative Code, Table IX Natural Attenuation Default Source Concentrations. Further, these concentrations have exceeded the default values routinely during the implementation of the monitoring only plan under the subject work order.

Please submit a pre-approval proposal to perform additional assessment activities in and around the two aforementioned wells, also including sampling MW-4 and MW-10. A small number of soil borings should be performed around RW-4 and RW-5 as well.

Sub-tasks H and I of the subject work order have been completed as specified. You may invoice the Florida Department of Environmental Protection for these sub-tasks. Additionally, a change order (CO-1) has been generated, adding sub-task J. Once CO-1 has been approved, you may also invoice for sub-task J and any applicable retainage fees resulting from the satisfactory completion of this work order. As a reminder, a copy of this letter must accompany invoices for sub-tasks H, I and J as evidence of sub-task completion. If you have any further questions, please don't hesitate to contact me at 272-5788.

Sincerely,

James O. Holton, P.E.  
Professional Engineer I





**OHM Remediation  
Services Corp.**  
A Subsidiary of OHM Corporation

**LOGGED**

4/15/98  
5271

April 10, 1998

Mr. James O. Holton, P.E.  
Environmental Protection Commission of  
Hillsborough County  
1900 Ninth Street  
Tampa, Florida 33605

**REC'D**

APR 14 1998

ENV. PROT. COMM  
OF H.C.

RE: 4th Quarterly MOP Report  
Texaco Location Number 24-203-1328  
2501 Wheeler Street  
Plant City, Florida  
FAC Identification Number 298625538  
Work Order Number 98-29-02173-0  
0173

**RECEIVED**

APR 14 1998

EPC/Waste Management Division

Dear Mr. Holton:

According to the Florida Department of Environmental Protection (FDEP)-approved monitoring only plan (MOP), OHM Remediation Services Corp. (OHM) sampled the referenced site on March 11, 1998. Recovery wells RW-3, RW-4, RW-5 and monitor wells MW-2, MW-3, and MW-8 were sampled. The sample labeled MW-1 is a duplicate of RW-4.

Depth to groundwater was measured from these selected recovery and monitor wells to determine groundwater flow direction. **Figure 1** illustrates groundwater flow, which during this event is towards the southwest. **Table 1** presents groundwater elevation data. **Attachment A** contains the field water sampling logs.

Laboratory analytical results of the MW-3 groundwater sample exhibited a benzene concentration of 60 parts per billion (ppb) and a total BTEX concentration of 311 ppb. The RW-3 sample showed a benzene concentration of 1.5 ppb and a BTEX concentration of 199 ppb. RW-4 showed benzene at 46 ppb and BTEX at 1,706 ppb. RW-5 exhibited the highest concentrations of benzene at 110 ppb and total BTEX at 746 ppb. Remaining samples MW-2 and MW-8 were below detectable limits for all of the analyzed parameters. All other parameters for these samples were below the laboratory detection limits. **Figures 2 and 3** illustrate the benzene and BTEX concentrations respectively. **Table 2** summarizes the groundwater monitoring analytical data. Laboratory analytical data sheets are presented in **Attachment B**.

At Star Enterprise' request, OHM submitted a verbal change order to make repairs to the stockade fence. As a driver was backing up a truck, he collided into the fence. Per the approved verbal authorization for change of scope of work, OHM made repairs to the fence. OHM made one trip to the site to assess the damage, and the repairs were made during the sampling event. Photographs of the repaired fence are provided in **Attachment C**.

RW-5, MW-3, and MW-4 all have benzene levels above the state drinking water cleanup levels. These three wells are located at or near the southern property line of the site. During the next sampling event, OHM recommends that wells MW-10 and RW-2 also be sampled to determine if the hydrocarbon plume has moved offsite to the south and east.

With the exception of RW-5, all hydrocarbon concentrations either increased or remained the same. Even though the concentration in RW-5 decreased this quarter, RW-5 still contains almost the highest contaminant levels onsite. Because of the increasing hydrocarbon levels, OHM recommends restarting the treatment system and developing a modified RAP.

Should you have any comment or questions, please contact me at (352) 241-2251.

Sincerely,

OHM REMEDIATION SERVICES CORP.

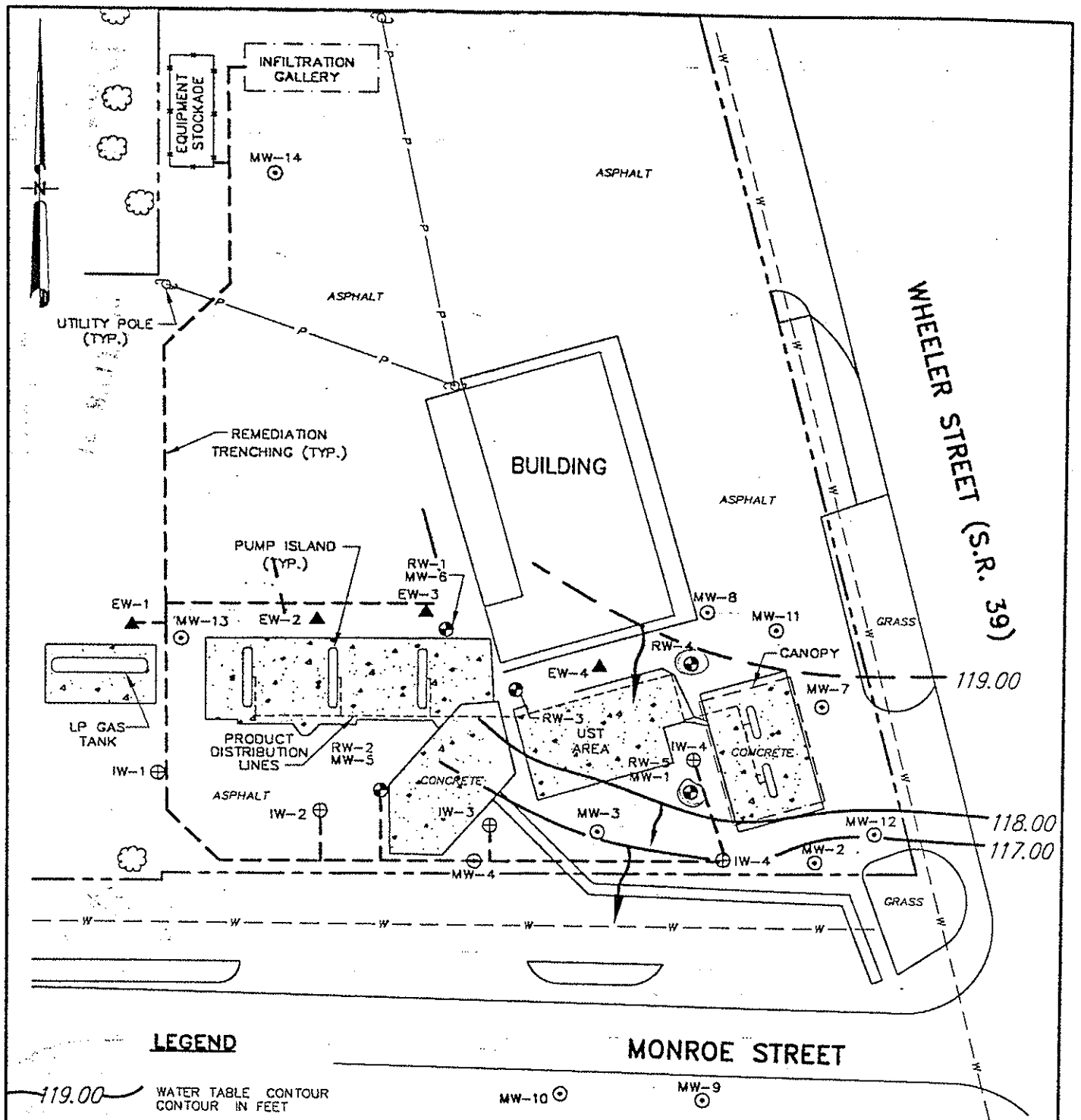


Daniel Warmke, P.G.  
Senior Hydrogeologist

Attachments

pc: M. Maloney, Star  
B. Chadeayne, OHM  
OHM Project File 19180

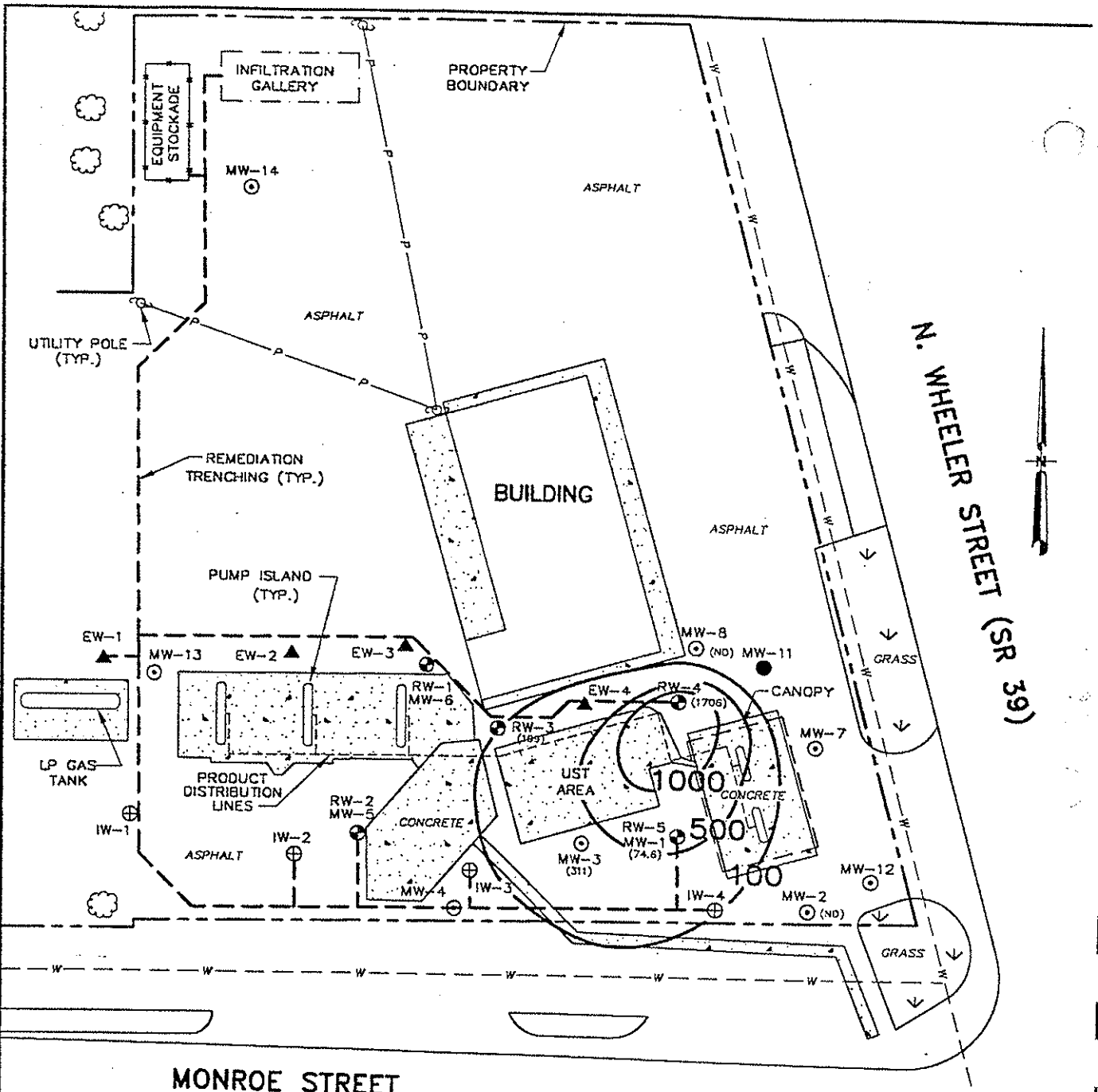
## Figures



Project No.: 19180  
 Date: 03/27/98  
 Drawn By: GMM  
 Checked By: DW

Figure 1  
**GROUNDWATER TABLE CONTOUR MAP**  
 (03/11/98)  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA

  
**OHM Remediation Services Corp.**

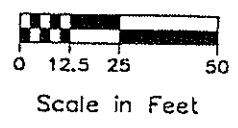


MONROE STREET

N. WHEELER STREET (SR 39)

**LEGEND**

- FORMER MONITOR WELL
- ⊙ MONITOR WELL
- ⊕ RECOVERY WELL
- ⊕ INJECTION WELL
- ▲ EXTRACTION WELL
- P—P— OVERHEAD POWER LINE
- W---W--- UNDERGROUND WATER LINE
- 100- 100ppb CONTOUR LINE



Project No.: 19180  
 Date: 03/27/98  
 Drawn By: GMM  
 Checked By: DW

Figure 3  
**TOTAL VOA CONTOUR MAP**  
 (03/11/98)  
 TEXACO LOCATION No. 24-203-1328  
 2501 N. WHEELER STREET  
 PLANT CITY, HILLSBROUGH COUNTY, FLORIDA



## Tables

TABLE I: GROUNDWATER ELEVATION TABLE

Facility Name: Star Loc. No. 24-203-1328  
 2501 Wheeler Street  
 Plant City, Hillsborough County, Florida

Facility ID#: 298625538

All Measurements - Feet  
 No Data - Blank  
 NS - Well not sampled

WELL NO.	MW-2		MW-3		MW-4		MW-7		MW-8		MW-9	
	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)	DIAMETER (in. x ft)	WELL DEPTH (ft. x in.)
	4	19.00	4	19.00	2	24.00	2	19.00	2	22.50	2	18.00
	9-19	9-19	9-19	9-19	19-24	19-24	9-19	9-19	17.5-22.5			8-18
	122.69		122.97		122.98		123.55					
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/16/95	115.19	7.50		114.07	8.90		112.99	9.99		115.80	7.75	
02/08/95	114.64	8.05		113.64	9.33		112.62	10.36		115.32	8.23	
03/09/95	114.39	8.30		113.42	9.55		112.38	10.60		114.99	8.56	
04/26/95	113.34	9.35		112.39	10.58		111.64	11.34		113.85	9.70	
05/16/95	113.00	9.69		112.22	10.75		111.28	11.70		113.53	10.02	
07/22/95	118.04	4.65		113.10	9.87		112.25	10.73		114.55	9.00	
08/08/95	116.49	6.20		114.47	8.50		113.62	9.36		117.10	6.45	
09/07/95	115.04	7.65		114.04	8.93		112.95	10.03		115.79	7.76	
10/11/95	115.64	7.05		114.42	8.55		113.28	9.70		116.30	7.25	
11/07/95	114.84	7.85		113.96	9.01		112.78	10.20		115.50	8.05	
12/19/95	---	NS		---	NS		---	NS		---	NS	
01/15/96	---	NS		---	NS		---	NS		---	NS	
02/12/96	114.97	7.72		113.94	9.03		112.93	10.05		115.66	7.89	
03/07/96	115.23	7.46		114.11	8.86		113.08	9.90		115.96	7.59	
04/02/96	---	NS		---	NS		---	NS		---	NS	
05/13/96	113.87	8.82		112.98	9.99		112.07	10.91		114.47	9.08	
10/29/96	112.54	10.15		111.82	11.15		110.98	12.00		113.05	10.50	
11/25/96	110.94	11.75		111.32	11.65		110.48	12.50		112.51	11.04	
01/02/97	112.19	10.50		111.57	11.40		110.73	12.25		112.60	10.95	
06/27/97	111.01	11.68		111.68	11.29		109.48	13.50		111.39	12.16	
09/19/97	113.03	9.66		112.35	10.62		111.45	11.53		113.53	10.02	
01/26/98	118.82	3.87		117.13	5.84							
03/11/98	116.71	5.98		117.96	5.01							



TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Star Loc. No. 24-203-1328  
 2301 Wheeler Street  
 Plant City, Hillsborough County, Florida

Facility ID#: 298625538

All Measurements - Feet  
 No Data - Black  
 NS - Well not sampled

DATE	RW-3			RW-4			RW-5		
	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/16/95	---	NRT		---	NRT		---	NRT	
02/08/95	111.44	9.56		111.54	9.46		112.11	8.89	
03/09/95	111.48	9.52		111.65	9.35		112.00	9.00	
04/26/95	110.05	10.95		109.98	11.02		110.65	10.35	
05/16/95	110.91	10.09		110.82	10.18		110.51	10.49	
07/12/95	109.48	11.52		109.50	11.50		110.78	10.22	
08/08/95	111.64	9.36		111.70	9.30		113.82	7.18	
09/07/95	112.75	8.25		112.99	8.01		112.55	8.45	
10/11/95	110.90	10.10		110.40	10.60		113.00	8.00	
11/07/95	112.53	8.47		109.52	11.48		111.10	9.90	
12/19/95	---	NS		---	NS		---	NS	
01/15/96	---	NS		---	NS		---	NS	
02/12/96	111.05	9.95		108.96	12.04		112.13	8.87	
03/07/96	111.05	9.95		109.05	11.95		112.45	8.55	
04/02/96	---	NS		---	NS		---	NS	
05/13/96	110.40	10.60		107.00	14.00		110.75	10.25	
10/29/96	109.50	11.50		108.10	12.90		110.00	11.00	
11/25/96	109.50	11.50		106.60	14.40		109.40	11.60	
01/02/97	110.05	10.95		105.00	16.00		109.60	11.40	
06/27/97	110.58	12.11		110.86	12.11		110.75	12.23	
09/19/97	112.65	10.04		112.77	10.20		112.56	10.42	
01/26/98	117.43	5.26		118.48	4.49		117.76	5.22	
03/11/98	118.26	4.43		118.98	3.99		118.50	4.48	

### TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Star Loc. No. 24-203-1328  
 2501 Wheeler Street  
 Plant City, Hillsborough County, Florida

Facility ID#: 298625538

All Measurements in Feet  
 No Data = Blank  
 NS = Well not sampled

WELL NO.	MW-10		MW-12		MW-13		MW-14		RW-1		RW-2				
	DIAMETER (inches)	2	2	4	4	4	2	2	6	6	6	6			
WELL DEPTH (feet Max)	19.00	16.00	17.00	17.00	17.00	17.00	17.00	17.00	22.00	22.00	22.00	22.00			
SCREEN INTERVAL (ft. Min)	9-19	6-16	7-17	7-17	7-17	7-17	7-17	7-17	10-20	10-20	10-20	10-20			
FOC ELEVATION (ft. Min)									121.00	121.00	121.00	121.00			
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/16/95	---	9.00		---	7.28		---	10.92		---			---		
02/08/95	---	9.65		---	8.87		---	11.21		---	111.44	9.56	---	110.99	10.01
03/09/95	---	9.84		---	8.19		---	11.43		---	110.31	10.69		110.02	10.98
04/26/95	---	10.56		---	9.26		---	11.89		---	109.50	11.50		108.51	12.49
05/16/95	---	10.98		---	9.66		---	12.60		---	109.96	11.04		110.76	10.24
07/12/95	---	10.00		---	5.52		---	11.51		---	111.11	9.89		110.58	10.42
08/08/95	---	7.70		---	8.96		---	9.31		---	111.84	9.16		109.40	11.60
09/07/95	---	9.38		---	7.41		---	11.05		---	111.75	9.25		111.18	9.82
10/11/95	---	8.66		---	6.73		---	10.55		---	109.00	12.00		109.60	11.40
11/07/95	---	9.40		---	7.50		---	10.89		---	106.80	14.20		108.63	12.37
12/19/95	---	NS		---	NS		---	NS		---	---	NS		---	NS
01/15/96	---	NS		---	NS		---	NS		---	---	NS		---	NS
02/12/96	---	9.25		---	7.44		---	10.71		---	108.43	12.57		111.26	9.74
03/07/96	---	9.07		---	7.11		---	10.58		---	107.49	13.51		111.38	9.62
04/02/96	---	NS		---	NS		---	NS		---	---	NS		---	NS
05/13/96	---	10.18		---	8.61		---	11.58		---	106.40	14.60		110.35	10.65
10/29/96	---			---			---			---	107.70	13.30		109.20	11.80
11/25/96	---			---			---			---	108.65	12.35		108.68	12.32
01/02/97	---			---			---			---	107.10	13.90		108.50	12.50
06/27/97	---	12.75		---	11.80		---	NF		---	107.97	13.03			
09/19/97	---	10.75		---	9.63		---	12.58		---	109.98	11.02		109.66	11.34

**TABLE 2 : GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY**

Facility Name: Star Loc. No. 24-203-1328  
 2501 Wheeler Street  
 Plant City, Hillsborough County, Florida

Not Analyzed = NA  
 Analytical Results = ppb  
 Analyte less than specified value = BDL

Location	Date	Sample Event	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	Total Naphthalenes
Effluent	08/08/95		BDL	BDL	BDL	BDL	BDL	BDL	BDL
	11/16/95		NS	NS	NS	NS	NS	NS	NS
	02/12/96		BDL	BDL	BDL	BDL	BDL	BDL	BDL
	05/13/96		BDL	BDL	BDL	BDL	BDL	BDL	BDL
	11/25/96		BDL	BDL	BDL	BDL	BDL	BDL	BDL
RW-1	08/08/95		2	BDL	1	3	6	BDL	BDL
	11/16/95		2	BDL	2	2	6	BDL	BDL
	02/12/96		BDL	BDL	1	BDL	1	BDL	BDL
	05/13/96		BDL	BDL	BDL	BDL	BDL	BDL	BDL
	11/25/96		2	BDL	BDL	6	8	BDL	BDL
RW-2	08/08/95		127	2	47	3	180	BDL	BDL
	11/16/95		120	2	17	BDL	139	3	3
	02/12/96		7	BDL	3	BDL	10	BDL	BDL
	05/13/96		203	415	104	240	963	BDL	BDL
	11/25/96		6	8	4	20	38	BDL	BDL
RW-3	08/08/95		34	54	79	248	415	BDL	19
	11/16/95		37	86	45	129	297	BDL	37
	02/12/96		27	23	66	182	298	BDL	BDL
	05/13/96		22	19	67	160	268	BDL	38
	11/25/96		12	20	7	41	80	BDL	BDL
	6/27/97		18	8.1	82	140	248.1	BDL	NA
	10/3/97		13	8.4	91	120	232.4	BDL	NA
	1/26/98		1.2	1.1	32	48	82.3	BDL	NA
	3/11/98		1.5	3.5	64	130	199	BDL	NA
	RW-4	08/08/95		39	99	28	136	302	BDL
11/16/95			55	129	38	126	348	BDL	30
02/12/96			27	59	22	99	208	BDL	BDL
05/13/96			18	30	10	52	111	BDL	BDL
11/25/96			16	30	8	54	108	BDL	BDL
6/27/97			42	170	130	530	872	BDL	NA
10/3/97			92	450	250	1000	1792	BDL	NA
1/26/98			23	200	96	380	699	BDL	NA
3/11/98			46	420	240	1000	1706	BDL	NA
RW-5		08/08/95		229	532	133	382	1,280	BDL
	11/16/95		107	101	27	125	360	BDL	19
	02/12/96		107	284	64	229	684	BDL	BDL
	05/13/96		799	1,920	334	1,550	4,600	22	162
	11/25/96		12	2	3	26	43	BDL	BDL
	6/27/97		1,500	3,300	480	1,900	7,180	BDL	NA
	10/3/97		710	2,100	340	1,400	2,100	BDL	NA
	1/28/98		250	500	120	440	1,310	BDL	NA
	3/11/98		110	290	76	270	746	BDL	NA



COMMISSION

DOTTIE BERGER  
JOE CHILLURA  
CHRIS HART  
JIM NORMAN  
JAN PLATT  
THOMAS SCOTT  
ED TURANCHIK

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &  
WATER MANAGEMENT DIVISION  
1900 - 9TH AVENUE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960  
FAX (813) 272-5157

AIR MANAGEMENT DIVISION  
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

May 7, 1998

Mr. Daniel J. Warmke, P.G.  
OHM Remediation Services Corp.  
13400 Mohawk Road  
Clermont, Florida 34711

**SUBJECT: MONITORING ONLY REPORT (RECEIVED APRIL 14, 1998) REVIEW  
FOR TEXACO 24-025-1328, 2501 WHEELER STREET, PLANT CITY,  
FLORIDA, FAC #298625538, PRE-APPROVAL WORK ORDER #98-29-  
0173-0**

Dear Mr. Warmke:

The Environmental Protection Commission has reviewed the subject document. Analytical results indicate some contaminants in RW-4 and RW-5 exceed the values defined in Chapter 62-770, Florida Administrative Code, Table IX Natural Attenuation Default Source Concentrations. Further, these concentrations have exceeded the default values routinely during the implementation of the monitoring only plan under the subject work order.

Please submit a pre-approval proposal to perform additional assessment activities in and around the two aforementioned wells, also including sampling MW-4 and MW-10. A small number of soil borings should be performed around RW-4 and RW-5 as well.

Sub-tasks H and I of the subject work order have been completed as specified. You may invoice the Florida Department of Environmental Protection for these sub-tasks. Additionally, a change order (CO-1) has been generated, adding sub-task J. Once CO-1 has been approved, you may also invoice for sub-task J and any applicable retainage fees resulting from the satisfactory completion of this work order. As a reminder, a copy of this letter must accompany invoices for sub-tasks H, I and J as evidence of sub-task completion. If you have any further questions, please don't hesitate to contact me at 272-5788.

Sincerely,

James O. Holton, P.E.  
Professional Engineer I



State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of 1  
 Printed on: 06/09/98

County: HILLSBOROUGH

Facility ID #: 298625538 Facility Type: A RETAIL STATION

Facility Name: TBXACO #107-24-204-1328

Facility Location: 2501 N WHEELER ST, PLANT CITY, FL 33566-0000

Facility Contact: STAR ENTERPRISE

Phone: (800) 000-0000

Owner: STAR ENTERPRISE

Phone: (407) 875-7673

Owner Address: PO BOX 945140, WAILAND, FL 32794-5140

(770) 453-5480  
 333 RESEARCH CT. NORCROSS GA 30092

Owner Contact: ANGIE PARKINS

ED NELSON

Latitude: 28-02-15

Longitude: 82-07-36

SS TT RR: 25 - 28 - 22

Open/Closed 0 Open

Date Chg:

Folio:

Regulated Y Yes

Contaminated: Y Yes

Water Source: MU MUNICIPAL

Alternate Release Detection: Yes

Financial Responsibility: B

STATE PROG - 3RD PARTY LIABILITY, SELF INS W/ OTHER CARRIER.

Time Spent Log:

Hours  
 Date (e.g. 2.25) Initials Description

Appointment Date

6-9-98 .5 EB File Review  
 6-9-98 1.5 EB Drive + Inspection  
 6-9-98 .75 EB WRITE-UP + DATA ENTRY

2.75 Total Hours Spent

Activity Code	Description	Activity Code	Description
ACR	AST Compliance Inspection	UCR	UST Compliance Inspection
ANC	AST Compliance Re-inspection	UNC	UST Compliance Re-inspection
AIP	AST Installation Inspection	UIP	UST Installation Inspection
	AST Installation Re-visit		UST Installation Re-visit
ACI	AST Closure Inspection	UCI	UST Closure Inspection
ACA	AST Closure Re-inspection	UCA	UST Closure Re-inspection
ADI	AST Compliance/Discharge Inspection (new report or evidence of discharge)	UDI	UST Compliance/Discharge Inspection (new report or evidence of discharge)
	AST Compliance/Discharge Re-inspection		UST Compliance/Discharge Re-inspection

DEP District or Local Program: EPC - Hillsborough County /29

EARL BAKER

MAILED TO ED

Inspector Name (Print)

Contact Name (Print)

*[Signature]* 6-9-98

NELSON 6-16-98

Inspector's Signature & Date

Contact's Signature & Date

Phone: 272-5788 FAX: 276-2256

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page      OF       
 Printed on: 06/09/98  
 County: HILLSBOROUGH

12 Tanks Listed for ...  
 Facility ID #: 298625538      Facility Type: A RRTAIL STATION  
 Facility Name: TRIACO #107-24-204-1328  
 Facility Location: 2501 N WHEELER ST, PLANT CITY, FL 33566-0000

S	DEP..	FAC..	SIZE.....	C	INST.	U	CONST YTT DATE	PIPE. LIT DATE	MON..	SSP.....	RETROFIT
T	Tank	Tank		O	DATE	/	CODES	CODES	CODES	REL	DATE
A	NUM	NUM		N		A				LDT	
T				T						DATES	
U	1R1		10,000	B	05/88	U	BMO ANE-05-97	CJK 11-05-97		LDT 11-05-97	12-31-98
U	2R1		10,000	B	05/88	U	BMO ANE-05-97	CJ 11-05-97		LDT 11-05-97	12-31-98
U	3R1		10,000	B	05/88	U	BMO ANE-05-97	CJ 11-05-97		LDT 11-05-97	12-31-98
U	4R1		12,000	B	05/88	U	BMO ANE-05-97	CJ 11-05-97		LDT 11-05-97	12-31-98
* GL											
B	1		12,000	D	/81	U	C	C			
B	2		4,000	B	/	U	C	C			05-31-88
B	3		4,000	B	/	U	C	C			05-31-88
B	4		4,000	B	/	U	C	C			05-31-88
B	5		4,000	B	/	U	C	C			05-31-88
B	6		4,000	B	/	U	C	C			05-31-88
B	7		4,000	B	/80	U	C	C			05-31-88
B	8		4,000	B	/80	U	C	C			05-31-88

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_ of \_\_\_  
Printed on: 06/09/98

Facility ID #: 298625538 Facility Type: A RETAIL STATION  
Facility Name: TEXACO #107-24-204-1328  
Facility Location: 2501 N WHEELER ST, PLANT CITY, FL 33566-0000  
Facility Contact: STAR ENTERPRISE Phone: (000) 000-0000

County: HILLSBOROUGH

Comment: ~~MEET~~ 6-9-98/1000-1047 MET ON SITE WITH  
CRAIG PARKER OF TEXACO FOR THE ANNUAL COMPLIANCE  
INSPECTION. [AIR STRIPPER ON SITE]

RELEASE DETECTION: FACILITY UTILIZES A VEEDER-ROOT  
ATG & LINE LEAK DETECTOR. SYSTEM CHECKED, ALL  
FUNCTIONS NORMAL AUDIBAL & VISUAL ALARMS  
FUNCTIONAL. SYSTEM IS CHECKED DAILY.

TANKS: FOUR (4) STP MANWAYS CHECKED LEAK  
DETECTOR PRESENT. NO BUMPS. NO OBVIOUS LEAKS  
OBSERVED FOUR (4) SENSORS PRESENT. FOUR (4)  
FILLS CHECKED SPILL CONTAINMENT & TIGHT FILLS  
PRESENT & IN GOOD CONDITION. ALL PROPERLY COLOR  
CODED.

DISPENSERS: FIVE (5) DISPENSERS CHECKED. BRAND  
BOXES PRESENT, STEAR VALVES ANCHORED  
NO APPARENT LEAKS OBSERVED

RECORDS: CURRENT PLACARD POSTED. (4 TANKS)  
FINANCIAL RESPONSIBILITY GOOD TILL 1-1-99. LAST  
TANK TIGHTNESS TEST & LEAK DETECTOR TESTS

PERFORMED 11/5/97 ALL PASSED NEXT TEST DUE  
11/5/98. MONTHLY MONITORING RECORDS COMPLETE.  
PAST MONITORING WELL RECORDS MAINTAINED. MONITORING  
WELLS WILL BE CLOSED 7/98

NOTE: EPC WAS NEVER NOTIFIED TO SCHEDULE A  
FINAL INSPECTION, AFTER THE INSTALL OF DISPENSER  
LINEARS.





**OHM Remediation  
Services Corp.**

A Subsidiary of OHM Corporation

July 13, 1998

Mr. James O. Holton  
Environmental Protection Commission of Hillsborough County  
1900 9<sup>th</sup> Avenue  
Tampa, Florida 33605

**RE:** Justification for Cost Adjustments to the  
Soil Assessment and Groundwater Sampling Tasks  
**Texaco Service Station 24-203-1328**  
2501 North Wheeler Street  
Plant City, Hillsborough County, Florida  
FDEP Facility No. 298625538  
OHM Project No. 19180  
Task No.

**REC'D**

**JUL 17 1998**

**ENV. PROT. COMM  
OF H.C.**

Dear Mr. Holton:

As per our phone conversation on July 13, 1998, OHM Remediation Services Corp., (OHM) is providing you with reasoning for cost adjustments to the assessment tasks.

Additional hours are needed in Subtask B to account for travel time to the job site, and to perform a site location of newly installed tanks and product lines. To perform this task, OHM will have to obtain station plans from Star Enterprise. For these two items, an additional 4 hours are being requested for Subtask B.

Subtask B as adjusted by your office states that seven soil borings will be advanced to 6 below ground surface (bls) using the hand auger method. The task does not allow time and cost to core through the asphalt and concrete. Costs for a core machine and generator, therefore an additional 2 hours to core are being requested for Subtask B.

OHM feels that 6 feet bls is not a sufficient depth to assess the potential problem around these two wells. The water table at this site is the highest it has been in the several years since OHM has been working on this site. The normal water table is around 11 to 12 feet, it is currently around 6 feet. Since Star Enterprise has not reported any new leaks or spill, OHM believes that some where between 11 and 6 feet there is potential contamination source causing the BTEX levels in RW-4 and RW-5 to elevate. The potential contamination could be coming from an organic layer encountered during the CAR at 8 feet bls. It is this reason that OHM proposed the borings be advanced to 12 feet. Since the water table is currently around 6 feet OHM proposed using the Geoprobe drilling method. Twelve feet could not be reached with a hand auger due to borehole cave-in below the water table.

Mr. James O. Holton  
Environmental Protection Commission of Hillsborough County  
Texaco Soil Assessment cost justification


OHM Project No. 19180  
July 13, 1998

OHM would prefer using the Geoprobe method to complete this work, thus if allowed, cost would have to be added back into Subtask B.

Please advise OHM as to which sampling method EPCHC wants to use and how deep the borings are to be advanced. Should you have any questions, please call our office at (352) 394-8601.

Sincerely,

OHM REMEDIATION SERVICES CORPORATION



Daniel Warmke, P.G.  
Sr. Hydrogeologist

pc: MEM - Star Enterprise  
OHM Project File No. 19180  
Bill Chadeayne - OHM



Texaco Number 24-203-1313  
(Site 4)

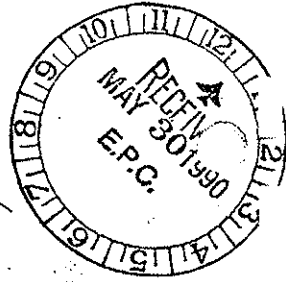
UST PROGRAM INSPECTION REPORT

FACILITY NAME: Texaco #204-1313		DER FACILITY #: 298521257	
LOCATION: S. R. 39 & McGee Road Plant City	SECTION: 08	TOWNSHIP: 28S	RANGE: 22E
	LATITUDE: 28°03'16"		LONGITUDE: 82°06'56"
SOURCE DESCRIPTION: Three (3) 10,000 gallon underground storage tanks.		SITE TYPE: Reimbursement	
CONTACT: Ken White	BOR #: 29-2414	INSPECTION DATE: 2-6-90	
<p>INSPECTION SUMMARY:                    <u>INVESTIGATIVE INSPECTION</u></p> <p>The inspection was conducted concurrently with the completion of the CAR Addendum review. Since the initial inspection, the four 4,000 gallon tanks have been abandoned in place and three (3) 10,000 gallon tanks were added next to the abandoned tanks. There are six (6) compliance wells on site. Two of the wells were from the old tank area. A total of nine (9) assessment wells are on site.</p> <p>The surrounding area has not changed since the initial inspection and no other possible sources of contamination are evident.</p> <p>A discharge occurred on site, via a line leak, was reported on February 20, 1989.</p>			
INSPECTOR'S SIGNATURE: <i>M. McKehey</i>		DATE: 2-8-90	

orig: HRL 11/87  
rev: MRM 7/88

PETROLEUM CONTAMINATION  
INITIAL REMEDIAL ACTION REPORT FORM

This report provides written confirmation of initial remedial action (IRA) as required by Chapter 17-770.00, Florida Administrative Code.



I. Facility Name: Texaco Facility Location No. 204-1313

Facility Address: 39th and McGee, Plant City, Florida

FDER Facility No. (if applicable): 298521257

Date of Initiation of IRA: May 4, 1990

II. FREE PRODUCT RECOVERY (please provide brief responses.)

A. Type of Product Discharged: unleaded gasoline

B. Estimated Quantity Lost: unknown gallons

C. Product Thickness in Wells (boreholes, excavations, utility conduits): Total product thickness observed in 4 tank-area compliance wells was 0.07', 0.02', 0.11', 0.37'

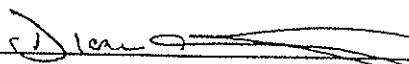
D. Method of Product Recovery: Bailed

E. Type of Discharge During Product Recovery: N/A

F. Type of Treatment and Expected Effluent Quality From Any Discharge: N/A

G. Quantity and Disposition of Recovered Product: Approx. 1.0 gallon of free product was recovered from 4 tank-area compliance wells. Free product was placed in product recovery drum on-site (labeled flammable).

**UST PROGRAM INSPECTION REPORT**

FACILITY NAME: TEXACO #204-1313		DER FACILITY #: 298521257	
LOCATION: S.R. 39 & MCGEE RD. PLANT CITY	SECTION: 08	TOWNSHIP: 28	RANGE: 22
	LATITUDE: 28°03'16"		LONGITUDE: 82°07'56"
SOURCE DESCRIPTION: REMEDIAL SYSTEM		SITE TYPE: REIMBURSEMENT	
CONTACT: ALLEN REGISTER	BOR #: 29-6708	INSPECTION DATE: 8/18/93	
<p><b>INSPECTION SUMMARY: <u>INVESTIGATIVE REPORT</u></b></p> <p>THIS INVESTIGATION WAS CONDUCTED DURING A REMEDIAL SYSTEM INSPECTION. A SITE INSPECTION WAS PERFORMED BY MYSELF AND DEWITT BRUCE. THE FOLLOWING DETAILS WERE OBSERVED:</p> <p>THE REMEDIAL SYSTEM CONSISTED OF AN AIR STRIPPER, ONE GROUNDWATER RECOVERY WELL, VAPOR EXTRACTION SYSTEM, AND FOUR VAPOR EXTRACTION WELLS. THE EFFLUENT FROM THE AIR STRIPPER DISCHARGES INTO AN INFILTRATION GALLERY.</p> <p>THE AIR STRIPPER INFLUENT TOTALIZER READING WAS 1415630 AND THE GROUNDWATER FLOW RATE WAS 4.5 GPM.</p> <p>THE "AS-BUILT" DRAWINGS DID NOT DEPICT SPECIFIC DETAILS OF THE SYSTEM DESIGN.</p>			
INSPECTOR'S SIGNATURE: 		DATE: 8/23/93	

orig: HRL 11/87  
rev: MRM 7/88

**UST PROGRAM INSPECTION REPORT**

<b>FACILITY NAME:</b> Texaco #204-1313		<b>DER FACILITY #:</b> 298521257	
<b>LOCATION:</b> S.R. 39 & McGee Road, Plant City	<b>SECTION:</b> 08	<b>TOWNSHIP:</b> 28S	<b>RANGE:</b> 22E
	<b>LATITUDE:</b> 28°03'16"		<b>LONGITUDE:</b> 82°07'56"
<b>SOURCE DESCRIPTION:</b> Remedial Inspection		<b>SITE TYPE:</b> Reimbursement	
<b>CONTACT:</b> Nick Vitani/OHM	<b>BOR #:</b> 29-6708	<b>INSPECTION DATE:</b> 7/13/94	
<p><b>INSPECTION SUMMARY:</b> <u>INVESTIGATIVE INSPECTION</u></p> <p>The purpose of the site visit was to perform a remedial system inspection. I arrived on site at 1:55 p.m. and entered Star's headquarters and informed their staff of my intention to inspect the remediation system. The Lady inside led me to the rear of the facility and I entered the stockade fence. The blower was heard as I entered.</p> <p>I immediately observed that the VES system had been disconnected and removed. Two carbon canisters remained. Next, I recorded the influent totalizer reading which was --2968200. The flow meter cycled slowly and continuously about 3 gpm. The last entry in the logbook stated a flowrate over 4 gpm and I saw other entries at 5 gpm. Must meet with OHM's personnel to see how they determine flow rates.</p> <p>The system was operational, however flow rate was minimal.</p> <p>I left the site at 2:30 p.m.</p>			
<b>INSPECTOR'S SIGNATURE:</b> <i>DBruce</i>		<b>DATE:</b> 7/18/94	

orig: HRL 11/87  
rev: MRM 7/88



**UST PROGRAM INSPECTION REPORT**

FACILITY NAME: TEXACO #204-1313		DEP FACILITY #: 298521257	
LOCATION: 3700 SR 39 & MCGEE PLANT CITY, FLORIDA	SECTION: 08	TOWNSHIP: 28S	RANGE: 22 E
	LATITUDE: 28°03'16"		LONGITUDE: 87 07'56"
PURPOSE: REMEDIAL SYSTEM INSPECTION		SITE TYPE: REIMBURSEMENT	
CONTACT: N.VITANI/OHM	BWC #: 29-6708	INSPECTION DATE: 9/21/94	
<p><b>INSPECTION SUMMARY: <u>INVESTIGATIVE INSPECTION</u></b></p> <p>I ARRIVED ON SITE AT 2:10 P.M. AND PROCEEDED WITH THE INSPECTION THE GROUNDWATER TREATMENT SYSTEM WAS OPERATIONAL. THE INFLUENT FLOWMETER READING WAS --3,171,981. THE FLOWRATE WAS 2.5 GPM.</p> <p>ACCORDING TO THE LOGBOOK THE SITE WAS LAST VISITED 8/19/94 AND THE FLOWMETER READING WAS 3,099,720. TWO CARBON DRUMS WERE STILL ON SITE.</p> <p>I LEFT THE SITE AT 2:20 P.M.</p>			
INSPECTOR'S SIGNATURE: <i>D Bruce</i>		DATE: 9/23/94	

orig: HRL 11/87  
rev: MRM 7/88

**UST PROGRAM INSPECTION REPORT**

FACILITY NAME: TEXACO #204-1313		DEP FACILITY #: 298521257	
LOCATION: 3700 SR 39, PLANT CITY	SECTION: 08	TOWNSHIP: 28S	RANGE: 22 E
	LATITUDE: 28°03'16"		LONGITUDE: 82°07'56"
PURPOSE: REMEDIAL SYSTEM INSPECTION		SITE TYPE: REIMBURSEMENT	
CONTACT: N. VITANI/OHM	BWC #: 29-6708	INSPECTION DATE: 12/13/94	
<p><b>INSPECTION SUMMARY: <u>INVESTIGATIVE INSPECTION</u></b></p> <p>LANCE WOOLLES AND MYSELF ARRIVED ON SITE AT 1:05 P.M. AND PROCEEDED WITH THE INSPECTION. WE WENT INSIDE THE OFFICE AND INFORMED THE STAFF THAT WE WOULD BE INSPECTING THE REMEDIAL SYSTEM.</p> <p>THE INFLUENT FLOW METER READING WAS -- 3,428,284 GALLONS. THE FLOWRATE WAS 2.5 GPM. A LOGBOOK IS KEPT ON SITE, BUT WAS WET. A BETTER METHOD OF KEEPING IT DRY WAS RECOMMENDED.</p> <p>TWO 55 GALLON GRANULATED CARBON DRUMS ARE STILL ON SITE AND NEED TO BE REMOVED.</p> <p>WE LEFT THE SITE AT 1:20 P.M.</p>			
INSPECTOR'S SIGNATURE: <i>Boone</i>		DATE: 12/15/94	

orig: HRL 11/87  
rev: MRM 7/88

7/12/95  
G2

EDI - Reimbursement  
Score = 31 pts.

**SUMMARY OF WORK and REMEDIAL ACTION STATUS REPORT FOR YEAR 3  
(DECEMBER 9, 1994 TO MARCH 28, 1994)**

**TEXACO LOCATION NO. 24-203-1313  
3700 STATE ROAD 39  
PLANT CITY, FLORIDA**

**FDEP FACILITY NO. 298521257**

**LOGGEL**

6/28/95

**REC'D**

**JUN 28 1995**

Prepared for:

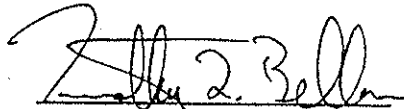
Star Enterprise  
650 S. Northlake Blvd., Suite 450  
Altamonte Springs, Florida 32701

**ENV. PROT. COMM.  
OF H.C.**

#3979

Prepared By:

OHM Remediation Services, Corp.  
13400 Mohawk Road  
Clermont, Florida 34711



Timothy L. Bellow  
Senior Hydrogeologist

OHM Project No. 10042

June 21, 1995

## 1.0 INTRODUCTION

This report provides a "Summary of Work" with regard to groundwater remediation at the Texaco Location Number 24-203-1313 located at 3900 State Road 39, Plant City, Florida first four months of remedial action year three (December 9, 1994 - March 28, 1995). The groundwater remediation system consists of one recovery well and an air stripping tower. The effluent is discharged to an on-site infiltration gallery. Figure 1 shows the location of the remediation system components and the monitor wells.

## 2.0 PROJECT DATA SUMMARY

The following provides a brief summary of the remediation system performance:

<b>Groundwater Remediation System Startup:</b>	December 2, 1992
<b>Soil Remediation System Start-up:</b>	March 30, 1993
<b>Soil Remediation No Further Action Approval:</b>	June 2, 1994
<b>RAP Approval Date:</b>	December 12, 1991
<b>Contaminant Group:</b>	gasoline
<b>Design Total Groundwater Recovery Rate:</b>	2.5 gpm
<b>Average Groundwater Recovery Rate:</b>	1.3 gpm
<b>Current Groundwater Recovery Rate:</b>	System shut down March 29, 1995
<b>Total Volume of Groundwater Recovered:</b>	3,583,510 gallons (March 3, 1995)
<b>Volume of Groundwater Recovered RA 3:</b>	167,180 gallons
<b>Free Product Recovered:</b>	None Observed
<b>Frequency of Site Inspections:</b>	Scheduled monthly or as needed

## 3.0 GROUNDWATER REMEDIATION SYSTEM PERFORMANCE

A summary of the water quality data since the start of remedial action is included in Appendix A. A contour map of the total BTEX compounds for the end of Remedial Action is included as Figures 2 in Appendix A. The tower effluent analytical data indicate that the air stripper has been effective in reducing the recovered groundwater to the target cleanup levels established in Chapter 17-770, FAC.

Water level measurements were collected during monthly site visits. The water table contour map for the most recent quarterly sampling event demonstrates that the dissolved hydrocarbons are

being captured by the recovery wells (Figure 3 included in Appendix B). A table summarizing the water level measurement data for the present reporting period is included in Appendix B.

Complete laboratory analytical reports are included in Appendix C.

The groundwater recovery and treatment system has operated approximately 100% of the time during Remedial Action Year 3.

#### 4.0 SUMMARY OF SITE ACTIVITIES

Water level data was collected monthly and monitor wells MW-2, MW-3, MW-9, and OW-D, and the system influent and effluent were sampled on a March 3, 1995. Maintenance activities and monthly visits were scheduled simultaneously when possible.

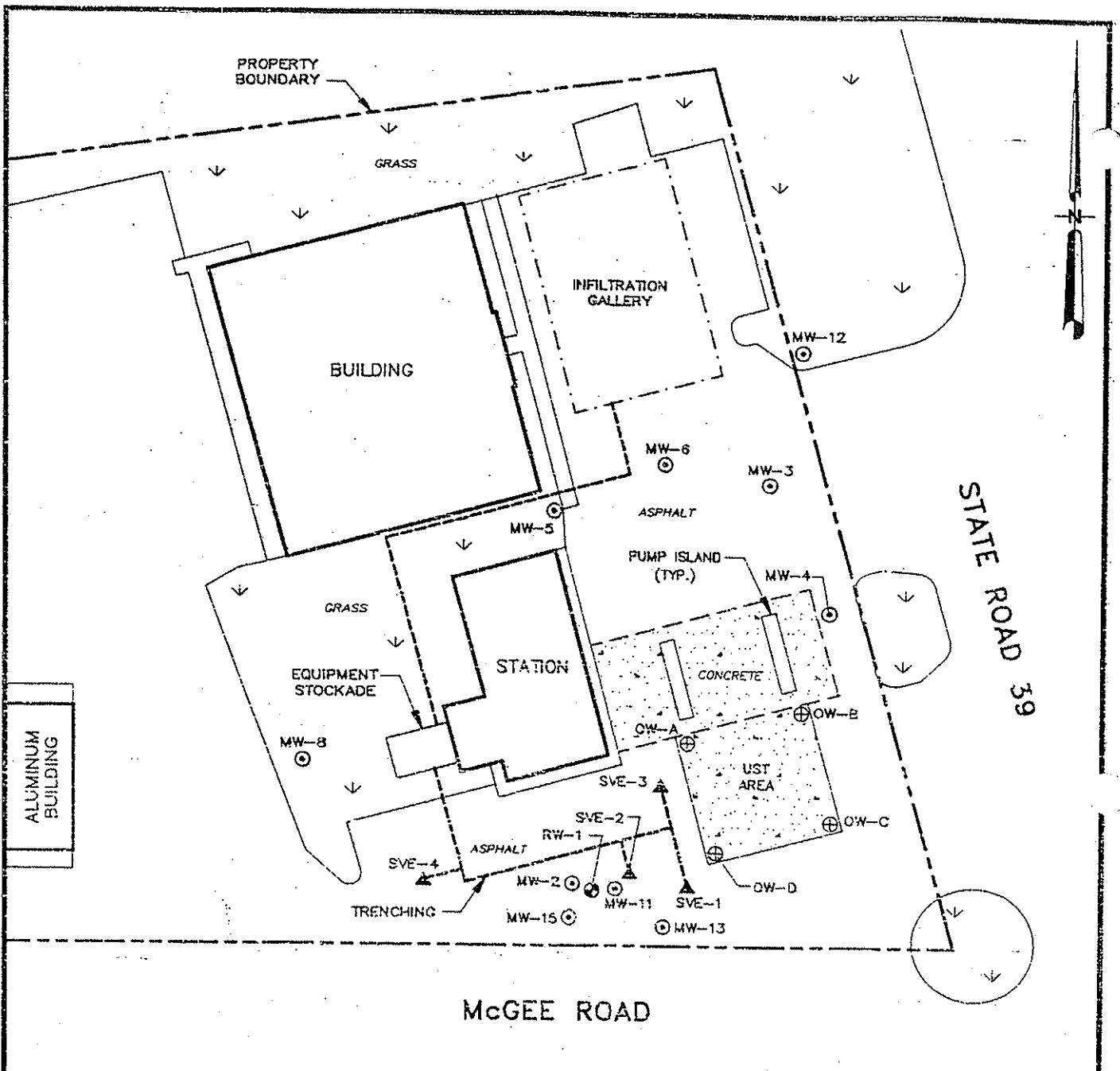
A summary of on-site maintenance activities (not including the sampling and water level measuring events) is included below:

<u>Date:</u>	<u>Activity</u>
12/22/94	General O&M
01/26/95	General O&M
02/15/95	General O&M
03/21/95	General O&M
03/29/95	Shut system down
04/10/95	Demob and decommission of remedial system
04/13/95	Demob and decommission of system air stripper tower

#### 5.0 CONCLUSIONS AND RECOMMENDATIONS

During Remedial Action Year 3, the remediation system has operated as designed. The water quality data indicates the remediation system has made significant progress toward groundwater cleanup.

As a result of the discontinuation of the Petroleum Cleanup Reimbursement Program for facilities with priority scores below 50 points, Remedial Action at the subject site has been discontinued.

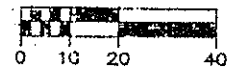


McGEE ROAD

STATE ROAD 39

**LEGEND**

- ⊙ MONITOR WELL
- ▲ SOIL VAPOR EXTRACTION WELL
- ⊕ RECOVERY WELL
- ⊕ OBSERVATION WELL



Scale in Feet

Project No.: 10042  
 Date: 6/21/95  
 Drawn By: JOC  
 Checked By: TLB

**Figure 1**  
**SITE MAP**  
 TEXACO LOCATION No. 24-204-1313  
 STATE ROAD 39 AND McGEE ROAD  
 PLANT CITY, FLORIDA



APPENDIX A

Summary of Groundwater Quality  
Figure 2 : Total BTEX Contour Map (03/13/95)

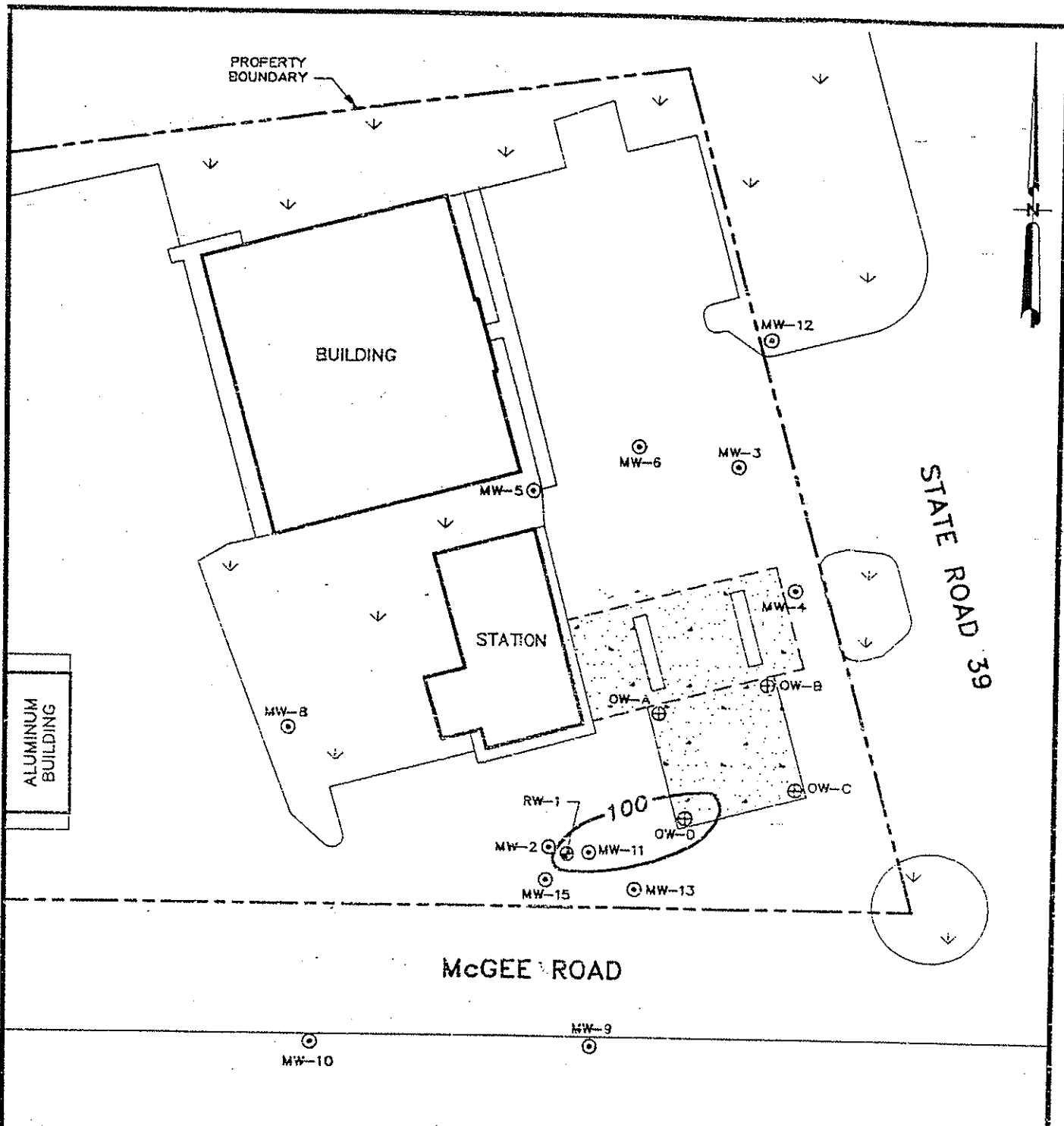
TABLE 1  
GROUNDWATER MONITORING RESULTS, RA-YEAR 1-2  
TEXACO LOCATION NO. 24-204-1313  
3700 STATE ROAD 39, PLANT CITY

(CONCENTRATIONS REPORTED IN PPM)

	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	TOTAL BTX	MTBE	EPA 601	NAPHTHA- LENES	LEAD
<b>INFLUENT</b>									
12/07/92	2800	11000	1700	10600	28100	360	BDL	264	NT
12/14/92	2500	11000	2500	11600	27800	200	BDL	709	NT
12/21/92	1800	11000	2200	11800	26600	180	BDL	682	NT
12/28/92	1300	7900	820	5400	15420	120	BDL	584	NT
01/21/93	967	23	787	3924	5691	90	BDL	469	NT
02/18/93	1400	6700	970	5300	14870	BDL	BDL	420	NT
03/23/93	530	5600	630	3200	10560	BDL	NT	365	NT
04/22/93	480	3500	850	2540	7160	BDL	NT	590	NT
05/28/93	430	3000	700	6300	10430	120	NT	315	NT
06/23/93	354	2890	595	3280	6820	48	NT	117	NT
07/27/93	251	1750	450	2780	5230	21	NT	154	NT
08/26/93	219	1930	471	2840	5470	19	NT	77	NT
09/23/93	191	1040	479	2500	4220	13	NT	150	NY
10/26/93	224	2160	604	3140	6130	11	NT	185	NT
11/24/93	177	818	520	2810	4330	8	NT	257	NT
12/21/93	151	510	475	2460	3600	8	NT	160	NT
03/17/94	79	191	BDL	2020	2290	2	NT	109	NT
06/21/94	BDL	BDL	BDL	5.74	5.74	BDL	NT	84.5	NT
09/22/94	29	19	BDL	2210	2250	BDL	NT	134	NT
12/09/94	76	250	469	2190	2990	3	NT	164	NT
03/03/95	9	2	BDL	524	535	9	NT	48	NT
<b>EFFLUENT</b>									
12/07/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
12/14/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18	NT
12/21/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
12/28/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
01/21/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
02/18/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
03/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
04/22/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
05/28/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
06/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
07/27/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
08/26/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
09/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
10/26/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
11/24/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
03/17/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
06/21/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
09/22/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
12/09/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
03/03/95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT
<b>MW-2</b>									
12/28/92	740	210	230	1470	2650	520	BDL	204	BDL
05/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09/27/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/21/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3/17/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06/21/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/09/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
03/03/95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
<b>MW-3</b>									
12/28/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/21/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
03/17/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06/21/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09/22/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/09/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
03/03/95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
<b>MW-4</b>									
12/28/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06/23/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/21/93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3/17/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06/21/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09/22/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12/09/94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
03/03/95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
<b>OW-D</b>									
09/27/93	18	52	337	2292	2960	38	NT	334	NT
12/21/93	68	256	777	4270	5370	27	NT	679	NT
03/17/94	21	100	505	3000	3630	BDL	NT	342	NT
06/21/94	11.9	31.4	BDL	1290	1330	BDL	NT	492	NT
09/22/94	1	BDL	BDL	60	61	BDL	NT	149	NT
12/09/94	50	195	232	1370	1840	6	NT	200	NT
03/03/95	33	25	2	393	452	41	NT	170	NT

LEGEND  
BDL = BELOW LAB DETECTION LIMITS  
NT = NOT TESTED FOR THESE COMPOUNDS



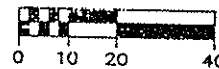


**LEGEND**

- ⊙ MONITOR WELL
- ⊕ OBSERVATION WELL
- ⊗ RECOVERY WELL

— 50 TOTAL BTEX CONTOUR (ppb)

WELL No.	TOTAL BTEX CONCEN. (ppb)	SCREENED INTERVAL (FT.)
MW-2	0	6.0'-16.0'
MW-3	0	6.0'-16.0'
MW-9	0	6.0'-16.0'
RW-1	535	0.0'-20.0'
OW-D	452	5.0'-15.0'



Scale in Feet

Project No.: 10042  
 Date: 6/21/95  
 Drawn By: JOC  
 Checked By: TLB

**Figure 2**  
**TOTAL BTEX CONTOUR MAP (3/3/95)**  
 TEXACO LOCATION No. 24-204-1313  
 STATE ROAD 39 AND McGEE ROAD  
 PLANT CITY, FLORIDA



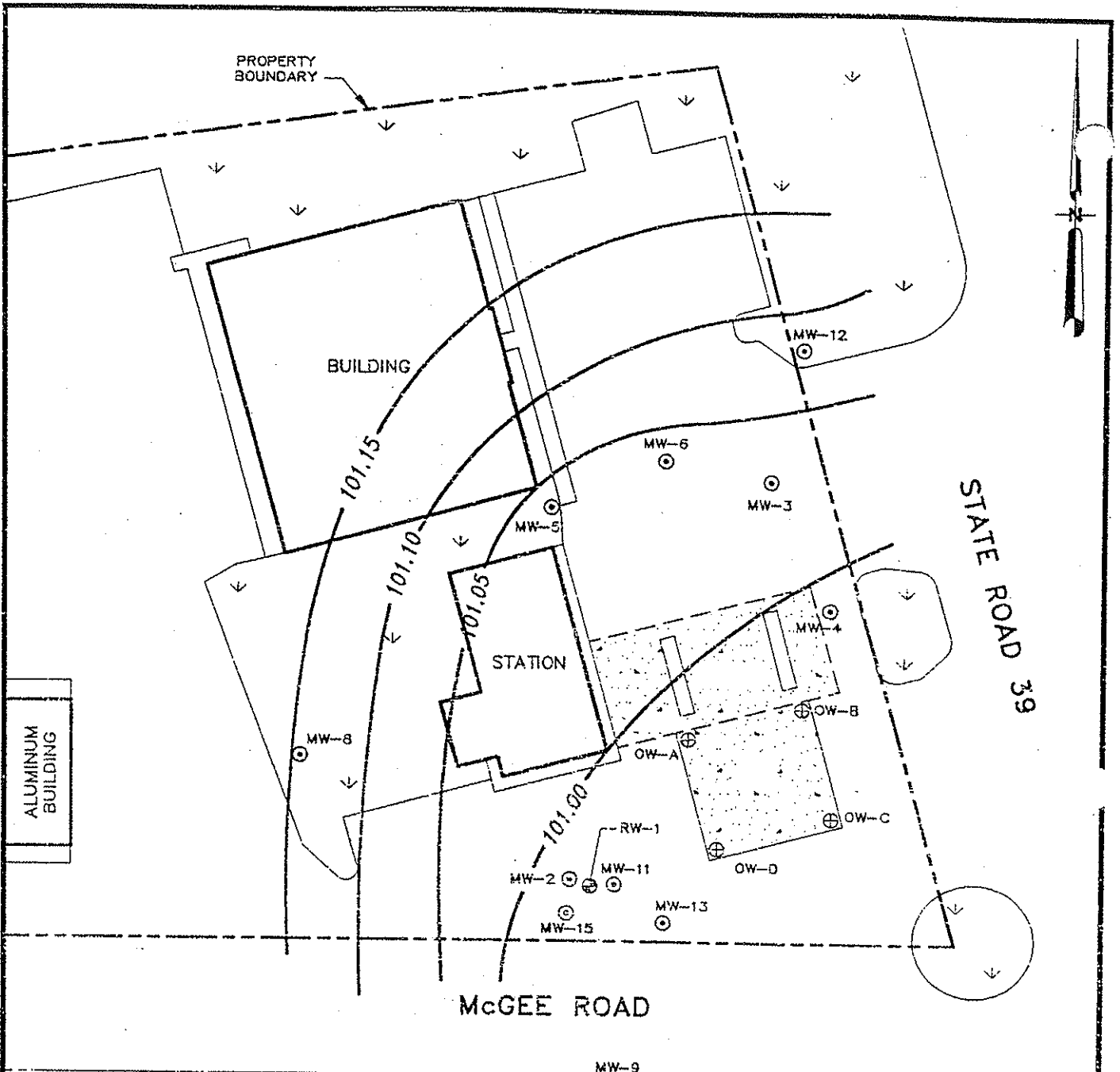
APPENDIX B

Summary of Water Table Elevation Data  
Figure 3 : Water Table Contour Map (03/13/95)

TABLE 2  
 WATER TABLE ELEVATION DATA : REMEDIAL ACTION YEAR 2  
 TEXACO No.24-203-1313  
 3700 STATE ROAD 38, PLANT CITY, FL

DATE	Well No.	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6	MW-9	MW-10	MW-11	MW-12	MW-13
	TOC Elev	106.38	106.03	106.34	107.19	106.86	105.81	NS	NS	NS	NS	NS
DEC. 21, 1993	DTW	9.09	8.21	8.57	9.44	9.01	8.12	8.08	7.67	8.17	7.89	8.83
	GW Elev	97.27	97.82	97.77	97.75	97.85	97.69					
JAN. 14, 1994	DTW	9.28	8.46	8.84	9.63	8.23	8.25	8.25	7.86	9.34	8.14	9.04
	GW Elev	97.10	97.57	97.50	97.56	97.63	97.56					
FEB. 8, 1994	DTW	8.55	7.95	8.28	9.18	8.78	7.78	7.71	7.28	8.72	7.68	8.47
	GW Elev	97.81	98.08	98.06	99.01	98.10	98.03					
MAR. 17, 1994	DTW	9.11	8.05	8.45	8.84	9.31	8.03	8.03	7.59	9.22	7.74	8.79
	GW Elev	97.25	97.98	97.89	98.35	97.55	97.78					
MAY 25, 1994	DTW	10.81	9.70	10.10	10.91	10.45	9.62	9.67	9.24	10.84	9.38	10.42
	GW Elev	95.55	96.33	96.24	96.28	96.41	96.19					
JUNE 21, 1994	DTW	10.15	9.05	9.43	10.22	9.63	9.00	8.94	8.57	10.15	8.67	9.75
	GW Elev	96.21	96.98	96.91	96.97	97.03	96.81					
JULY 21, 1994	DTW	9.03	8.09	8.41	9.37	8.91	8.07	7.91	7.53	9.06	7.77	8.69
	GW Elev	87.33	86.94	87.90	87.82	87.95	87.74					
AUG. 19, 1994	DTW	7.03	6.20	6.51	7.52	7.03	6.28	6.00	5.70	7.10	5.07	6.78
	GW Elev	99.33	99.93	99.63	99.87	99.83	99.53					
SEPT. 22, 1994	DTW	3.74	2.98	3.28	4.28	3.82	2.87	2.69	2.37	3.80	2.74	3.47
	GW Elev	102.62	103.05	103.06	102.93	103.04	102.84					
OCT. 5, 1994	DTW	3.72	2.99	3.30	4.27	3.83	2.87	2.63	2.18	3.77	2.78	3.44
	GW Elev	102.64	103.04	103.04	102.82	103.03	102.84					
NOV. 11, 1994	DTW	4.71	4.01	4.37	5.24	4.83	3.83	3.73	3.01	4.82	3.74	4.53
	GW Elev	101.65	102.02	101.97	101.95	102.03	101.98					
DEC. 8, 1994	DTW	4.87	4.35	4.70	5.54	5.15	4.08	4.02	3.53	5.07	4.10	4.84
	GW Elev	101.39	101.68	101.64	101.65	101.71	101.73					
JAN. 13, 1995	DTW	5.25	4.64	5.00	5.82	5.44	4.35	4.35	3.78	5.35	4.31	5.11
	GW Elev	101.11	101.39	101.34	101.37	101.42	101.46					
FEB. 9, 1995	DTW	5.41	4.84	5.20	6.01	5.65	4.54	4.56	4.02	5.58	4.59	5.33
	GW Elev	100.95	101.19	101.14	101.18	101.21	101.27					
MAR. 3, 1995	DTW	5.56	5.01	5.37	6.15	5.82	4.66	4.70	4.15	5.69	4.79	5.46
	GW Elev	100.80	101.02	100.97	101.04	101.04	101.15					

LEGEND  
 DTW - Depth to water  
 GW Elev - Groundwater Elevation  
 NS - Not Surveyed  
 TOC Elev - Relative Top of Casing Elevation



ALUMINUM BUILDING

McGEE ROAD

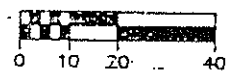
STATE ROAD 39

**LEGEND**

- ⊙ MONITOR WELL
- ⊕ OBSERVATION WELL
- ⊗ RECOVERY WELL

— 50 TOTAL BTEX CONTOUR (ppb)

WELL No.	DEPTH TO WATER	GROUNDWATER ELEVATION
MW-2	5.58	100.80
MW-3	5.01	101.02
MW-4	5.37	100.97
MW-5	6.15	101.04
MW-6	5.82	101.04
MW-8	4.66	101.15
MW-9	4.70	---
MW-10	4.15	---
MW-11	5.69	---
MW-12	4.79	---
MW-13	5.46	---



Scale in Feet

Project No.: 10042  
 Date: 6/21/95  
 Drawn By: JOC  
 Checked By: TLR

**Figure 3**  
**WATER TABLE CONTOUR MAP (3/3/95)**  
 TEXACO LOCATION No. 24-204-1313  
 STATE ROAD 39 AND McGEE ROAD  
 PLANT CITY, FLORIDA





Terra Asgrow Florida Company  
(Site 6)

STATE OF FLORIDA  
 DEPARTMENT OF ENVIRONMENTAL REGULATION  
 POLLUTANT STORAGE TANK SYSTEM  
 INSPECTION REPORT FORM - COVER PAGE

PAGE: 1 OF 1

FACILITY ID NO.: 298624881  
 FACILITY NAME: ASGROW FL CO.  
 FACILITY LOCATION: HWY 39 N  
 OPERATOR: ASGROW FLORIDA CO.  
 OWNER: ASGROW FLORIDA CO #2  
 OWNER ADDRESS: P O BOX D  
 OWNER CONTACT: SIMMIE MCNEAL

COUNTY: HILLSBOROUGH

PLANT CITY

PHONE: (813) 752-1177

PHONE: (813) 752-1177

PLANT CITY, FL 34289

OWNER CHANGE DATE 06/17/88

LATITUDE: 28-00-54 LONGITUDE: 82-08-06 SECTION 008 TOWNSHIP 28S RANGE 22E

TANK #	SIZE	CONTENT	INSTALL DATE	U/A OR IN-CONTACT	TANK CONSTRUCTION	INTEGRAL PIPING	MONITORING SYSTEM	TANK STATE
1	1000	B	05/75	U	AC	B	B	B
2	1000	D	05/75	U	AC	B	B	B
3	4000	D	XX/75	U	AC	Y	B	B
4	4000	D	XX/75	U	AC	Y	B	B

COMMENTS: Tank removal: 2, 4000 gal diesel tanks will be removed.

- Arrived on site, 1, 4,000 gal diesel tank had been removed. Tank integrity was good. Jeff

Humbrik from ACT had OVA readings showing some contamination, but not in excessive amounts. EPA <sup>80100</sup> ~~601,800~~, GIC will follow.

- Closure Assessment must be forwarded to Hillsb EPC.

4/10/90 - Facility has removed all regulated storage tanks

INSPECTION TYPE

COMPLAINT RESPONSE  
 INITIAL  
 EDI  
 PUBLIC WELL FIELD

REINSPECTION  
 INSTALLATION  
 TANK REMOVAL  
 UNREGISTERED

FACILITY INFORMATION

ABANDONED  
 ABOVEGROUND  
 GOVT.-FEDERAL  
 GOVT.-OTHER  
 NON-RETAIL  
 RETAIL  
 RETROFIT (M OR D)  
 RETROFIT (L OR R)

DER. DISTRICT:

OR LOCAL PROGRAM:

Kenneth Pinna

Kenneth Pinna 4/05/90

INSPECTOR'S SIGNATURE & DATE

4/29 EPC

Simmie McNeal

FACILITY CONTACT'S SIGNATURE & DATE

VIOLATIONS MUST BE CORRECTED BY: NEXT ROUTINE INSPECTION OR BY: / / MO BY YR

**TANK CLOSURE REPORT**

Prepared For

**ASGROW FLORIDA COMPANY**  
Plant City - Hillsborough County, Florida

April 1990



4406 South Florida Avenue • Suite 23 • Lakeland, Florida 33813  
(813) 647-1200 • (813) 647-5600 Fax





PROJECT INFORMATION

CLIENT: ASGROW FLORIDA COMPANY  
P.O. Drawer D, S.R. 39 North  
Plant City, Florida 33566

CONTACT: MR. John Kibler  
(813) 752-1177

SITE LOCATION: 4144 S.R. 39 North  
Plant City, Florida 33565

PROJECT ACTIVITIES: Site reconnaissance, tank  
removal and disposal, soil  
sampling and testing,  
groundwater sampling and  
testing.

HAZARDS INVOLVED: Volatile Organic Vapors,  
operation of heavy equipment

PROJECT MANAGER: ROBERT O. KINCART  
A.C.T  
(813) 647-1200

PROJECT NUMBER: 1811-90

REGULATORY CONTACT: MR. KEN PINNA  
MR. MICHAEL NEWMAN  
HILLSBOROUGH COUNTY EPC  
Tampa, Florida

PROJECT STATUS: Final Report Completed 4/17/90

**A.C.T**

## 1.0 INTRODUCTION

AMERICAN COMPLIANCE TECHNOLOGIES, INC. is pleased to present the results of the Environmental Services performed for Asgrow Florida Company, in Plant City, Hillsborough County, Florida (Figure 1).

This Tank Closure Report summarizes and details the environmental services we provided at the Asgrow Florida Company facility. The purpose of this study was to conduct a tank abandonment assessment, remove two (2) 4000 gallon underground diesel fuel storage tanks, collect a closure soil and groundwater sample for laboratory analysis, backfill and grade the excavation area, properly clean and dispose of the tanks, and complete a State of Florida, Department of Environmental Regulation Storage Tank Removal Notification Form.

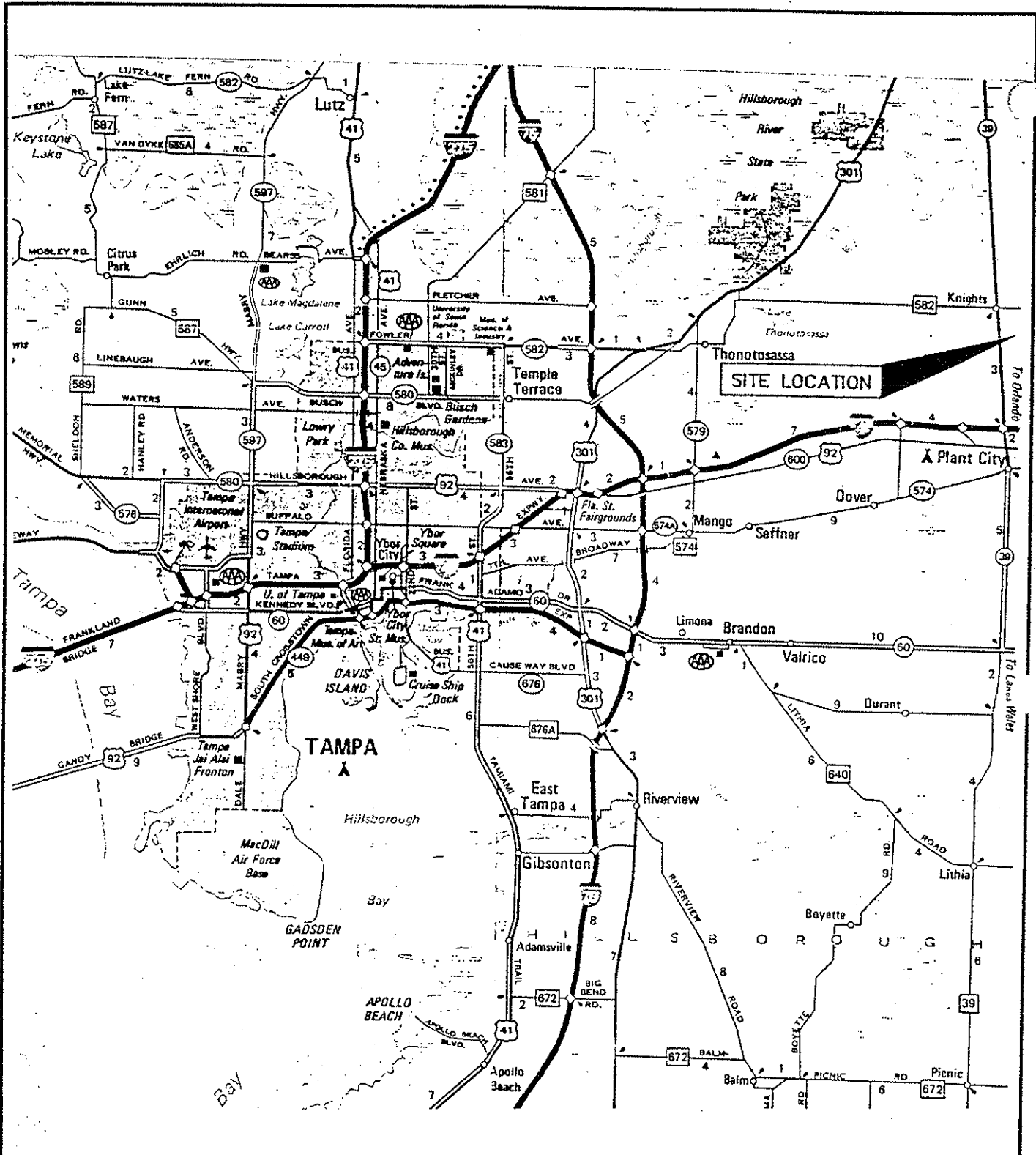
## 2.0 SITE DESCRIPTION

The site, located at 4144 S.R. 39 North, in Plant City, Hillsborough County, Florida, (Section 8, Township 28 South, Range 22 East) is an chemical manufacturing facility occupying an area of approximately 24 acres (Figure 2). The site is bounded to the west by S.R. 39 North. The north and east boundaries consist of grassed areas and citrus groves. Florida Steel Company is located to the south of the site. The tank excavation area (approximately 50'x30'x8') is located in the grassed area along the eastern boundary of the site, approximately 200 feet southeast of the Asgrow facility, and directly east of a shallow stormwater retention pond (Figure 2). There are four (4) two (2) inch monitoring wells located at each of the corners of the tank excavation area. The fuel dispenser (which has since been removed) was located on the asphalt, approximately 20 feet northwest of the excavation area.

## 3.0 SCOPE-OF-WORK

The scope of work for the environmental service activities performed by A.C.T. consisted of the following:

1. Initial site reconnaissance;
2. Obtain a Hillsborough County Tank Removal Permit #35338;
3. Removal of two (2) 4000 gallon underground diesel fuel storage tanks;
4. Testing of soil borings with an Organic Vapor Analyzer with a Flame Ionization Detector (OVA-FID) to detect the presence of volatile organics in the soil;
5. Collection of a closure soil sample to analyze for the presence of diesel fuel constituents, Polynuclear Aromatic Hydrocarbons (EPA Method 8100);



LEGEND



AMERICAN COMPLIANCE TECHNOLOGIES, INC.

ASGROW FLORIDA COMPANY  
 4144 HIGHWAY 39 NORTH  
 PLANT CITY - HILLSBOROUGH COUNTY, FLORIDA

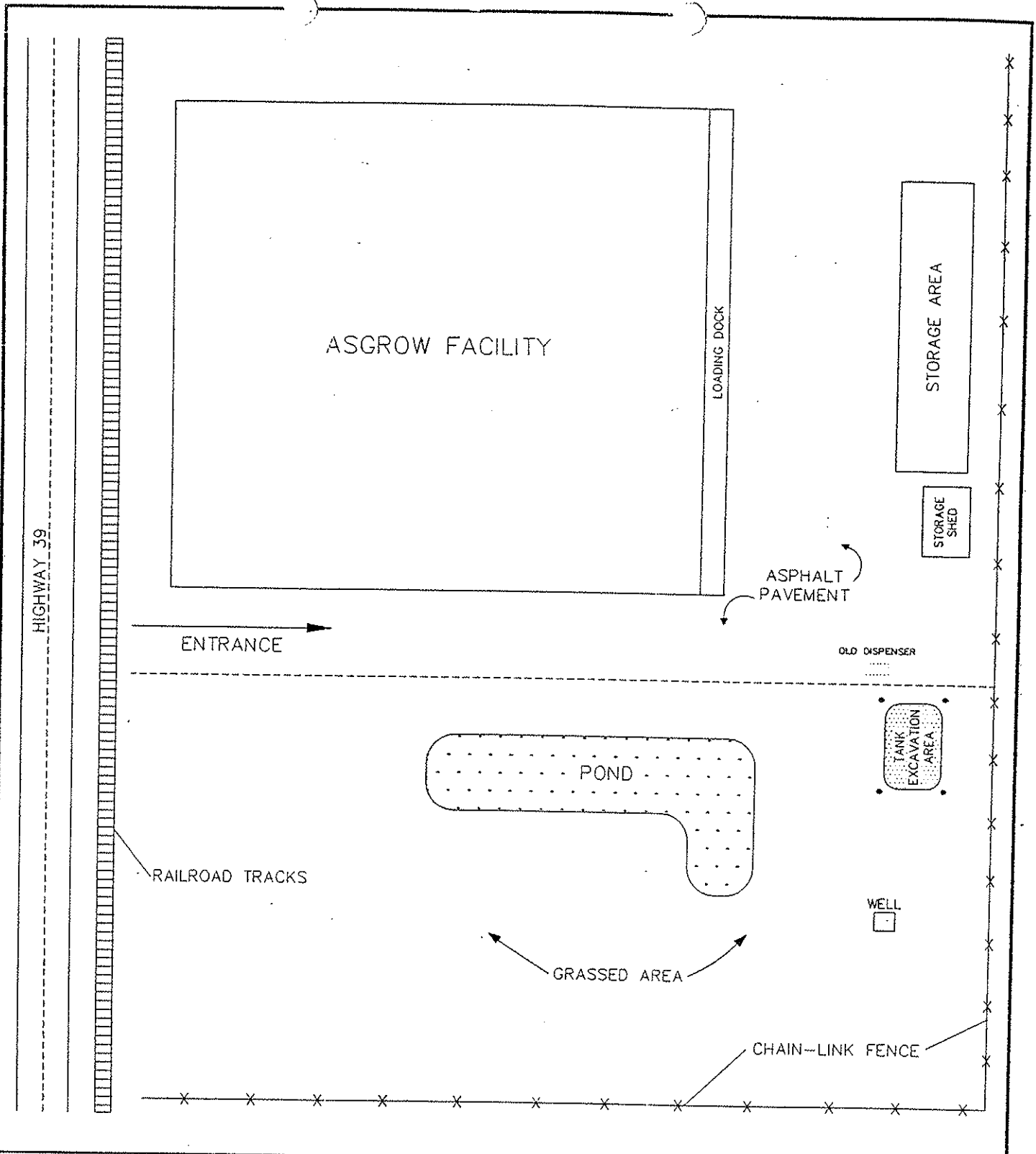
SITE LOCATION MAP

APRIL 5, 1990

FIGURE 1

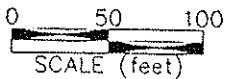
PROJECT NO. : 1811

SCALE : NOT TO SCALE



LEGEND

• MONITORING WELL



AMERICAN COMPLIANCE TECHNOLOGIES, INC.

ASGROW FLORIDA COMPANY  
 4144 HIGHWAY 39 NORTH  
 PLANT CITY - HILLSBOROUGH COUNTY, FLORIDA

SITE PLAN MAP

APRIL 5, 1990

FIGURE 2

PROJECT NO. : 1811

SCALE : 1:100 (APPROX)

6. Collection of a composite closure groundwater sample from the four (4) monitoring wells surrounding the excavation area to analyze for the presence of diesel fuel constituents, Polynuclear Aromatic Hydrocarbons (EPA Method 610);
7. Fill the excavation pit with clean backfill and level to grade;
8. Properly clean and dispose of the tanks;
9. Complete a State of Florida, Department of Environmental Regulation, Storage Tank Removal Notification Form;

#### 4.0 FIELD ACTIVITIES

On April 5, 1990, AMERICAN COMPLIANCE TECHNOLOGIES, INC. was retained by Asgrow Florida Company to: 1) properly degas, remove, and dispose of two (2) 4000 gallon underground diesel fuel storage tanks, located along the eastern boundary of the site (Figure 2).

All work performed was in accordance with the applicable sections of the American Petroleum Institute (API) Recommended Practice 1604, Second Edition, December 1987, Removal and Disposal of Used Underground Petroleum Storage Tanks and the regulations of the local, state and federal environmental regulations governing tank and soil removal projects.

#### 4.1 Facility Inspection

A site inspection was conducted in February, 1990, to assess the scope-of-work necessary to rapidly and successfully complete the project to Asgrow's satisfaction. A "Project Proposal" was submitted on March 1, 1990, based upon our observations and discussions with Mr. John Kibler.

#### 4.2 Tank Removal

Field work began on-site on April 5, 1990, by establishing the proper safety and work procedures. A fire extinguisher and spill clean-up equipment were kept close at hand. A mobile cellular telephone was located in our project van for emergency communications.

Prior to removal, the underground storage tank was purged with a constant flow of Liquid Nitrogen Gas to remove the flammable vapors thus lowering the explosive limit (LEL) of the tank interior atmosphere in accordance with API 1604, Section 4.2 Purging.

When the LEL reading was below 20%, using an Neotronics Exoiox Gas Monitor, with a LEL Combustible Gas Detector, the tanks were carefully removed, using a backhoe, and removed from the site, for proper cleaning and disposal.

### 4.3 Site Geology

The upper two (2) feet of soil consisted of light gray, well sorted, fine-grained sand. Fine-grained Brown sand was present from two to four (2 - 4) feet below land surface (bls). From four to six (4 - 6) feet bls the soil became much finer grained, consisting of a light brown clay layer. From six to eight (6 - 8) feet below land surface, (8 feet marking the bottom of the excavation pit), the soil changed to a very hard, light gray constricting clay layer.

The water table at the location of the well was at a depth of four (4) feet below land surface (bls).

### 4.4 OVA-FID Soil Testing

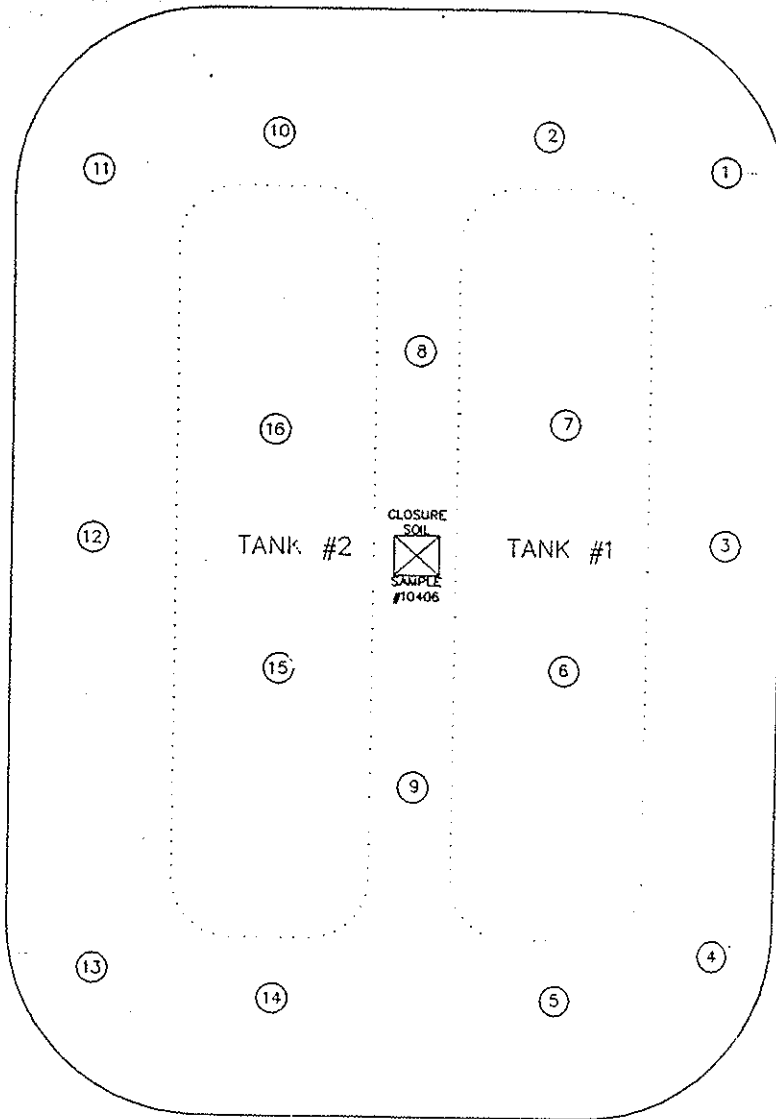
Sixteen (16) soil samples were collected at various locations throughout the tank excavation area. Each sample was collected at depth ranging from four to eight (4 - 8) feet bls. Please refer to Figure 3 for sample locations and list of OVA-FID readings. Of the sixteen (16) soil samples tested, only four registered readings greater than one (1) part per million (>1 ppm). These were samples 1, 2, 4, and 5, which were all collected near the fill pipe and/or dispenser pipe of tank #1. The OVA-FID readings were as follows: Sample #1 - 68 ppm, Sample #2 - 11 ppm, Sample #4 - 50 ppm, and Sample #5 - 35 ppm. Aeration of the soil for a period of approximately four (4) hours, spurred the volatilization of most of the petroleum contamination existing in the soil. The remainder of the samples had readings of less than one (1) ppm (<1 ppm) using the 0 - 10 scale on the OVA-FID. Based on visual observations and the OVA-FID readings, the petroleum contamination appeared to be minimal and as a result of periodic overspill occurring during the tank filling process. Before the soil was backfilled, the highest OVA-FID reading from samples of the excavated soil was 21 ppm.

### 4.5 Soil Sampling

Upon completion of soil excavation, a closure soil sample S#10406 was taken in the center of the excavation pit at a depth of eight (8) feet bls. The sample was collected using a stainless steel auger, and transferred directly from the auger to a laboratory supplied glass container. The containers were immediately placed on ice to prevent the volatilization of any possible petroleum constituents. The soil sample was submitted to a Florida Department of Environmental Regulation (FDER) approved laboratory and analyzed for Polynuclear Aromatic Hydrocarbons (EPA Method 8100), as recommended by Mr. Ken Pinna and Mr. Michael Newman, Environmental Specialists, Environmental Protection Commission of Hillsborough County (EPC).

MW #2

MW #1



SAMPLE #	OVA READING (ppm)
1	68
2	11
3	Δ
4	50
5	35
6	Δ
7	Δ
8	Δ
9	Δ
10	Δ
11	Δ
12	Δ
13	Δ
14	Δ
15	Δ
16	Δ

MW #3

MW #4

LEGEND

⊠ CLOSURE SOIL SAMPLE

① SOIL BORING



AMERICAN COMPLIANCE TECHNOLOGIES, INC.

ASGROW FLORIDA COMPANY  
4144 HIGHWAY 39 NORTH  
PLANT CITY - HILLSBOROUGH COUNTY, FLORIDA

TANK EXCAVATION AREA  
SOIL SAMPLE LOCATION MAP

APRIL 5, 1990

FIGURE 3

PROJECT NO. : 1811

SCALE : NOT TO SCALE



#### 4.6 Groundwater Sampling

A composite closure groundwater sample S#10407 was collected from each of the four (4) monitoring wells surrounding the excavation area. Each well was developed, using a 24 inch teflon bailer for a period of approximately fifteen (15) minutes. A teflon bailer was then used to collect a groundwater sample from each monitoring well. Each well sample was poured from the bailer directly into laboratory supplied glass container creating one (1) composite groundwater sample. The container was immediately placed on ice to prevent the volatilization of any possible petroleum constituents. The groundwater sample S#10407 was submitted to a Florida Department of Environmental Regulation (FDER) approved laboratory and analyzed for Polynuclear Aromatic Hydrocarbons (EPA Method 610), as recommended by Mr. Ken Pinna and Mr. Michael Newman, Hillsborough County EPC.

#### 4.7 Backfilling

Based on the relatively low OVA-FID readings, Mr. Ken Pinna and Mr. Michael Newman, of the Hillsborough County EPC, recommended, to A.C.T personnel, that all of the soil removed during tank excavation could be backfilled in excavation pit. Clean backfill was also placed into the pit, comprising the loss in volume that occurred from the removal of the tanks.

#### 5.0 QUALITY ASSURANCE PROCEDURES

Surgical gloves were used during equipment cleaning and sample handling. All preliminary testing soil samples collected were tested in a half-filled 16-ounce soil sample jar for head space (OVA-FID) analysis complying with Florida Administrative Code (F.A.C.) Chapter 17-70.003.

The teflon bailer used to collect the groundwater sample was cleaned and decontaminated, according to A.C.T. and EPA procedures before sampling the groundwater, and between sampling of each monitoring well to eliminate the possibility of cross contamination from the bailer to the groundwater.

#### 6.0 DISCUSSION OF LABORATORY RESULTS

Laboratory analysis confirmed that Polynuclear Aromatic Hydrocarbons were not detected at or above the method detection limit (below the FDER maximum allowable limit) for composite closure groundwater sample S#10407. Polynuclear Aromatic Hydrocarbons were detected in closure soil sample S#10406. Naphthalene was detected in the soil sample, showing a concentration of 803 ug/kg (ppb). 1-Methylnaphthalene and 2-Methylnaphthalene were detected in the sample at levels of 463.6 and 645.2 ug/kg (ppb), respectively. Other parameters from the Polynuclear Aromatic Hydrocarbon group that were detected in the

sample were Acenaphthylene at 980 ug/kg (ppb), and Phenanthrene at 330 ug/kg (ppb). The remaining parameters were below the detectable limits of the laboratory. Please refer Appendix A "Report of Laboratory Analysis Sheets" for more details.

## 7.0 CONCLUSIONS

The following conclusions are based on the observations during the project and results of laboratory analyses:

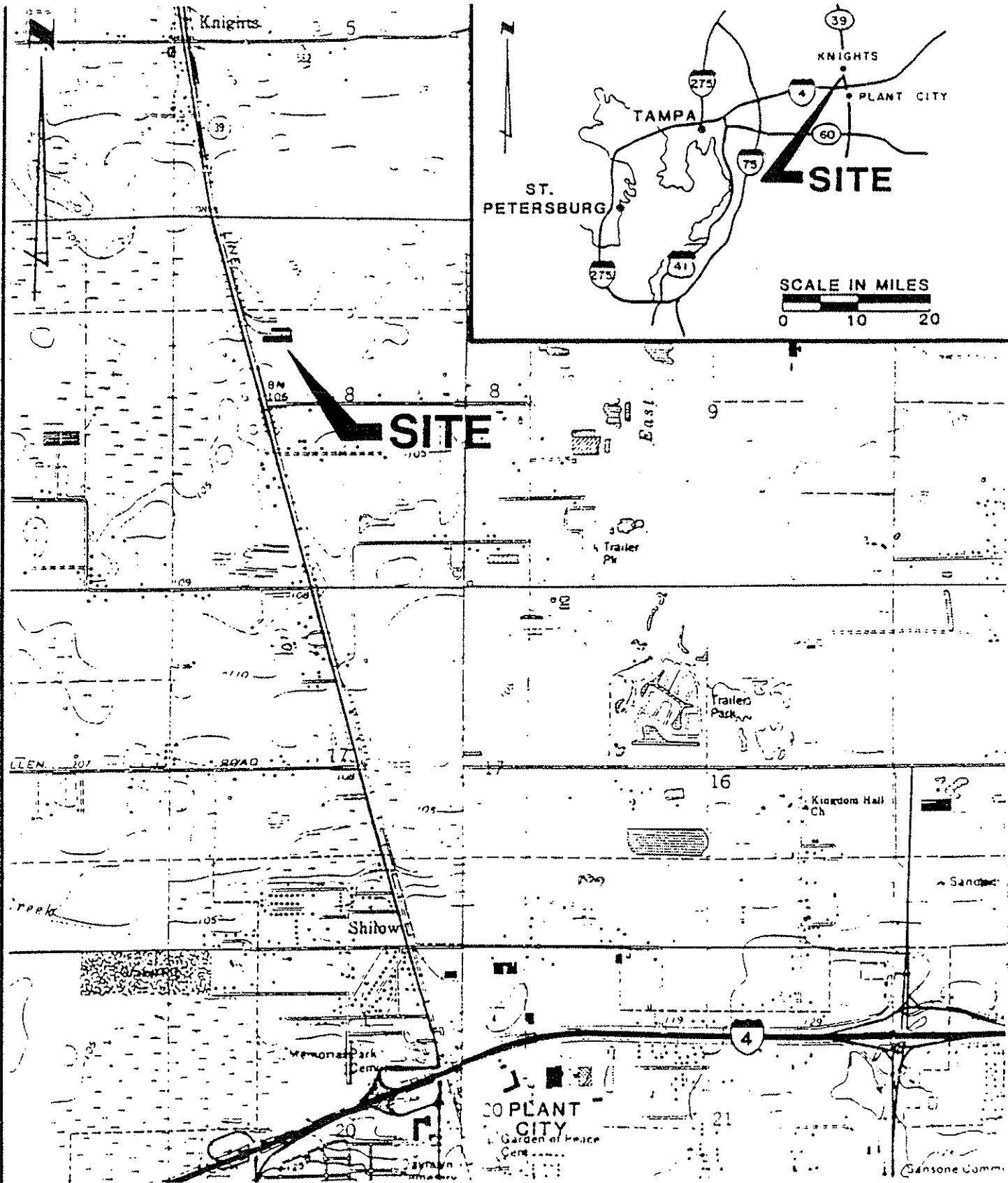
1. OVA-FID readings during tank excavation were at minimal levels; thus treatment of the excavated soil was determined to be unnecessary.
2. The soil samples giving a positive reading on the OVA-FID were collected near the fill pipe and/or dispenser pipe of tank #1. The petroleum contamination appeared to be minimal, and as a result of periodic overspill during the tank filling process.
3. Analytical results of composite closure groundwater sample S#10407 confirm that Polynuclear Aromatic Hydrocarbons (EPA Method 610) were below detectable limits of the laboratory (below the maximum allowable limits regulated by the FDER) for Polynuclear Aromatic Hydrocarbons).
4. Analytical results of closure soil sample S#10406 confirm the presence of Naphthalene (803.0 ug/kg), 1-Methylnaphthalene (463.6 ug/kg), 2-Methylnaphthalene (645.2 ug/kg), Acenaphthylene (980.0 ug/kg), and Phenanthrene (330.0 ug/kg).
5. A mixture of all the excavated soil from the tank area and clean fill was used to backfill the excavation pit.
6. The two (2) 4000 gallon underground diesel fuel storage tanks were removed from the site and properly cleaned and disposed of.
7. Rinsate produced during the cleaning process, was collected in 55 gallon drums and disposed of properly.

## 8.0 RECOMMENDATIONS

Based on the observations during the project, recommendations by the Hillsborough County EPC, laboratory analyses, and details of this report, A.C.T recommends the following to ASGROW FLORIDA COMPANY:


Based on the following list of items, A.C.T recommends that "No Further Action" is necessary at the Asgrow facility, and the site does not appear to present an environmental problem to the soil and groundwater in the tank removal area:

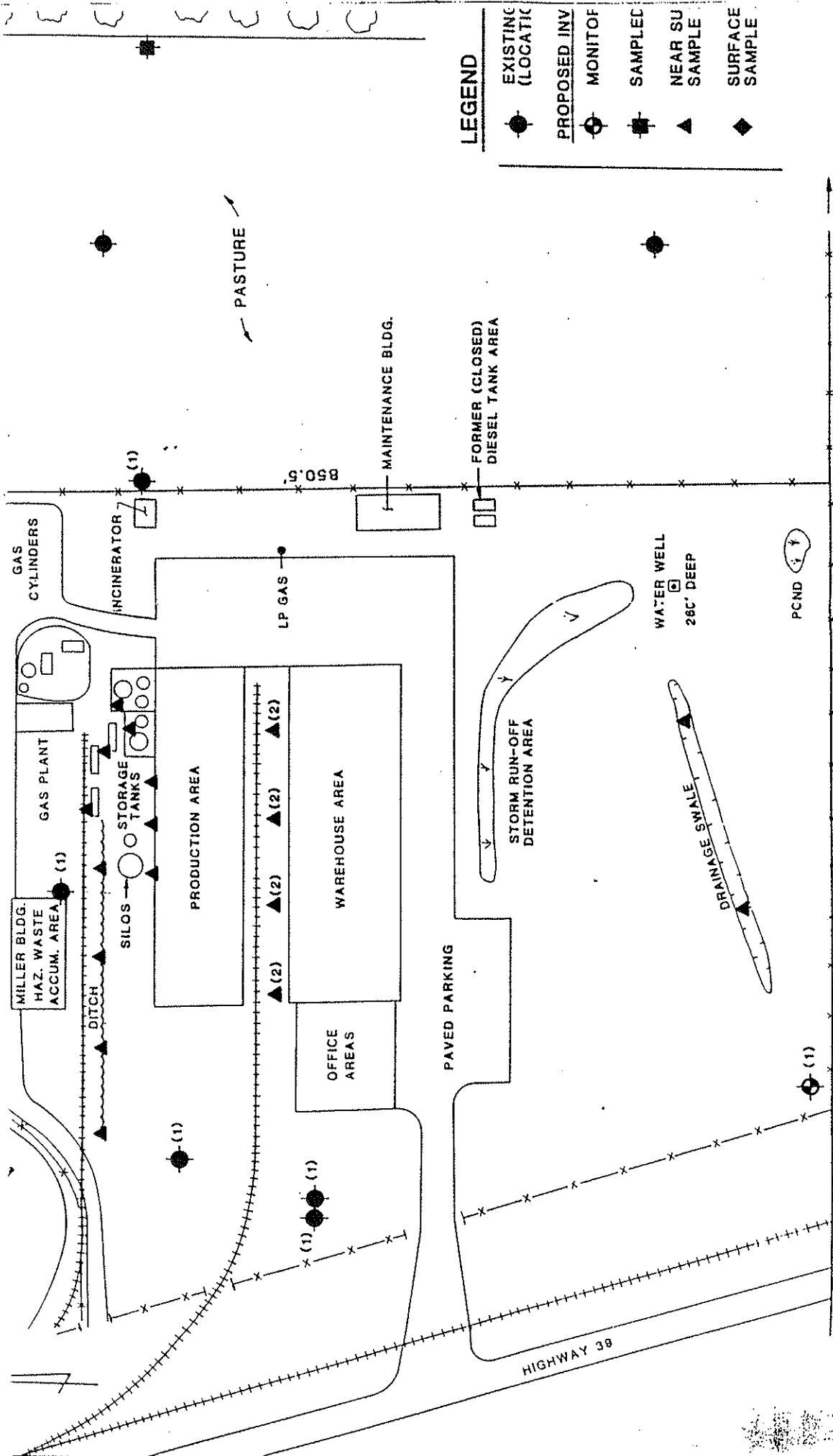
1. OVA-FID readings taken on soil samples collected at the bottom of the excavation pit were less than one (<1 ppm).
2. OVA-FID readings of soil samples collected during excavation confirm the amount of petroleum contamination to soil was minimal and isolated to a small area.
3. No visual evidence of petroleum contamination was apparent in the soil and groundwater located at the bottom of the excavation pit, or in the pond located just west of the excavation area.
4. During a site inspection by Mr. Ken Pinna and Mr. Michael Newman, Hillsborough County EPC, on April 5, 1990, it was concluded that the amount of petroleum contamination in the excavated soil and soil remaining at the bottom of the pit was minimal, isolated to small area, and was a result of periodic overspill during the tank filling process.
5. Polynuclear Aromatic Hydrocarbons were not detected in the composite closure groundwater sample.
6. Polynuclear Aromatic Hydrocarbons were detected at levels that do not appear to be harmful to the adjacent soils and groundwater.
7. Naturally occurring microorganisms should decompose the residual amount of petroleum contamination remaining in the soil.



REF: USGS TOPOGRAPHIC MAP, 7.5 MINUTE, PLANT CITY WEST AND PLANT CITY EAST QUADRANGLES.



 <b>Golder Associates</b> Atlanta, Georgia			TITLE <b>SITE LOCATION MAP</b>		
CLIENT/PROJECT <b>UPJOHN/ASGROW/PLANT CITY, FL</b>			DATE <b>10/8/90</b>	SCALE <b>AS SHOWN</b>	JOB NO <b>703-3188</b>
DRAWN <b>RJS</b>	CHECKED <i>WGG</i>	REVIEWED	FILE NO	DWG NO / REV NO	FIGURE <b>1</b>



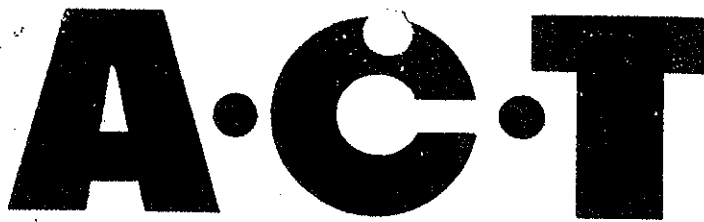
**NOTES:**  
 (1) GROUNDWATER SAMPLE LOCATION  
 (2) SOIL SAMPLE LOCATION

APPROX. SCALE IN FEET

560.65'

**Golder Associates**  
 Atlanta, Georgia

PROPOSED INV



- Paul K.*  
 ENVIRONMENTAL  
 • SAFETY/HEALTH  
 • CONSULTING  
 • CONTRACTING  
 • EMERGENCY

# American Compliance Technologies, Inc.

March 3, 1993

REC'D

MAR 05 1993

Mr. Harry Holley  
 ASGROW FLORIDA CO.  
 P.O. Drawer D  
 Plant City, Florida 34289-9004

ENV. PROT. COMM.  
 OF H.C.

COPY

Dear Mr. Holley:

RE: ADDITIONAL GROUNDWATER SAMPLING - TANK CLOSURE ASSESSMENT,  
 APRIL 1990 - DER FAC #298624881

This report details the groundwater sampling project conducted at the Asgrow Florida Co. site located at 4144 S.R. 39 North, in Plant City, Florida.

At the request of the Hillsborough County EPC, two (2) additional groundwater samples were collected from the previous underground diesel storage tank area. On February 26, 1993, two (2) temporary monitoring wells were installed, using a stainless steel hand auger, to a depth of six (6) feet below grade. Seven (7) feet of 2 inch diameter, PVC well screen (0.01 inch slot) was placed into each borehole.

Temporary well one (TW-1) was placed at the northeast corner of the old tank excavation area. This marked the area of highest OVA-FID readings during the April 1990 tank removal project. Temporary well two (TW-2) was placed in the center of the old tank excavation area. Well locations are plotted on Figures 1 and 2, taken from the April 1990 Tank Closure Report.

The wells were properly purged using a dedicated, pre-cleaned and wrapped, laboratory supplied teflon bailer. Groundwater samples were collected from each well and directly transferred into laboratory supplied glass containers and placed on ice. The samples were submitted with a chain of custody to Phoslab, Inc., in Lakeland, Florida for analysis.

The samples were analyzed for the presence of Volatile Organics (EPA Method 602) and Polynuclear Aromatic Hydrocarbons (EPA Method 610).

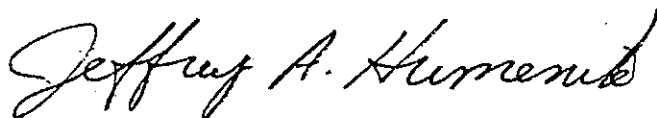
Laboratory analysis of groundwater samples #11176 (TW-1) and #11177 (TW-2) confirm that the groundwater in the old underground storage tank area is not impacted by the parameters associated with EPA

Methods 602 and 610, as the parameters were not detected at or above the laboratory detection limits. Laboratory Certificates of Analysis are enclosed with this report.

Based on the analytical results of the groundwater samples collect February 26, 1993, A.C.T. is petitioning the Hillsborough County EPC for a "No Further Action/Remediation" status at the Asgrow Florida site.

If you have any questions or comments, please contact me in Lakeland at (813) 647-1200.

Respectfully submitted,



COPY

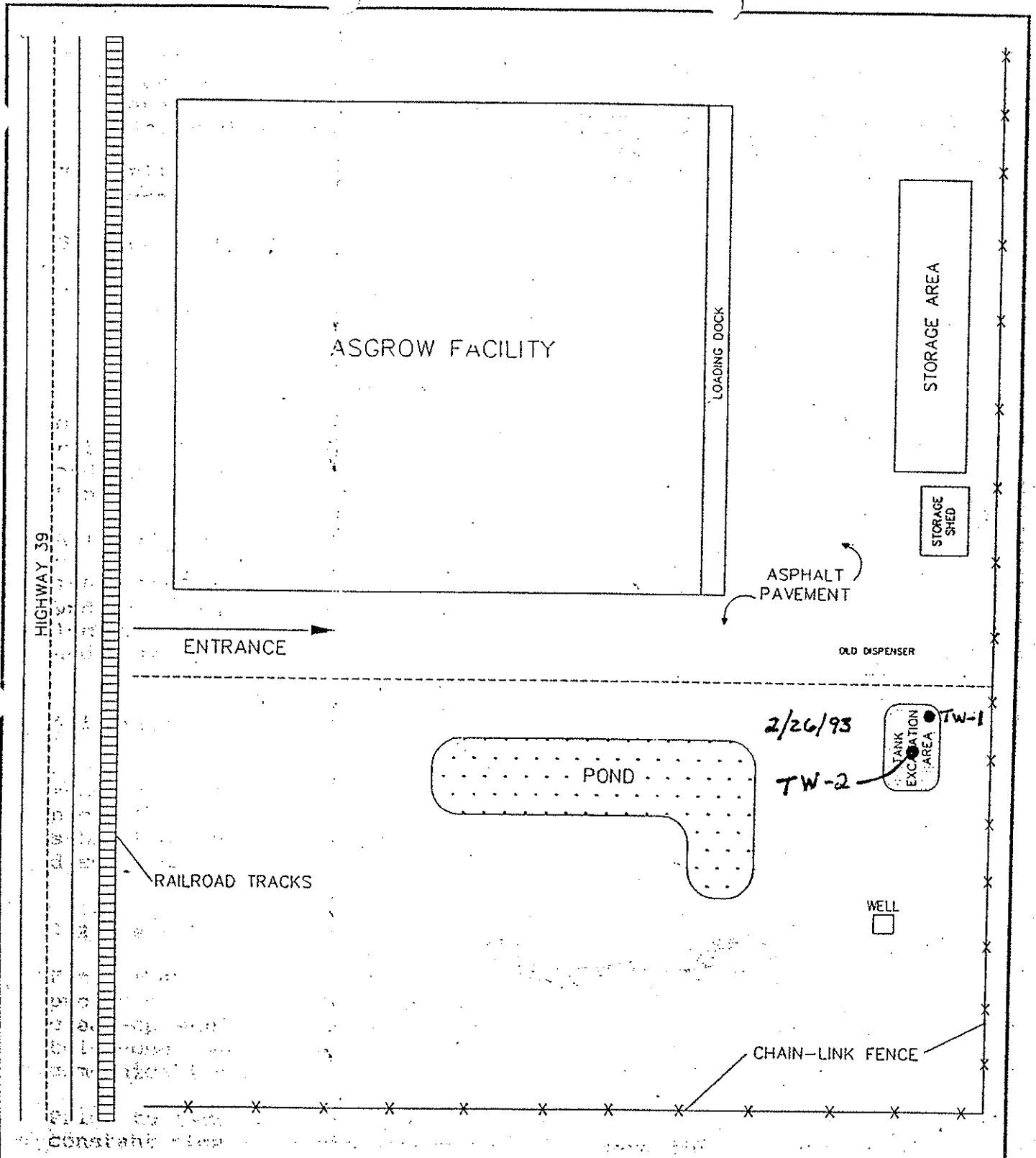
Jeffrey A. Humenik  
Project Manager/Hydrogeologist  
AMERICAN COMPLIANCE TECHNOLOGIES, INC.

ACT-1811

cc: Mr. Paul Russell, Hillsborough County EPC

**A.C.T.**





LEGEND

● TEMPORARY MONITORING WELL  
 0 50 100  
 SCALE (feet)



AMERICAN COMPLIANCE TECHNOLOGIES, INC.

ASGROW FLORIDA COMPANY  
 4144 HIGHWAY 39 NORTH  
 PLANT CITY - HILLSBOROUGH COUNTY, FLORIDA

SITE PLAN MAP

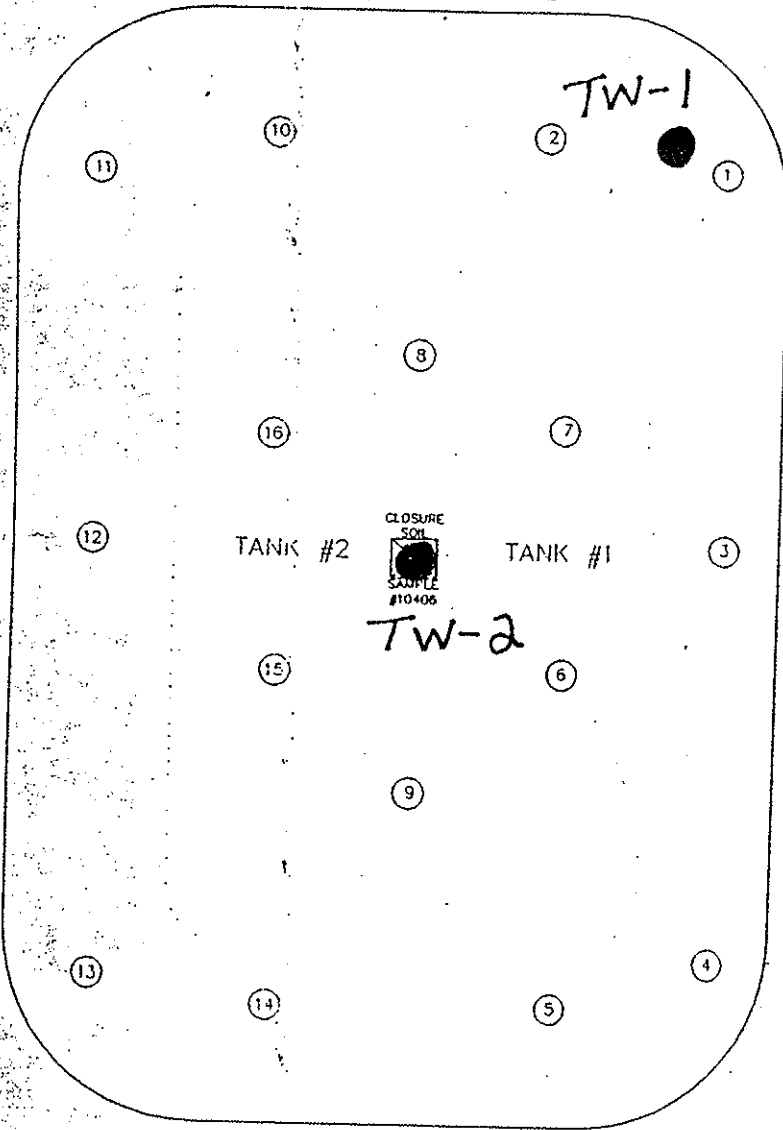
APRIL 5, 1990

FIGURE 2


PROJECT NO. : 1811

SCALE : 1:100 (APPROX)

2-26-93



SAMPLE #	QVA READING (ppm)
1	68
2	11
3	<1
4	50
5	35
6	<1
7	<1
8	<1
9	<1
10	<1
11	<1
12	<1
13	<1
14	<1
15	<1
16	<1

<p><b>LEGEND</b></p> <p>☒ CLOSURE SOIL SAMPLE</p> <p>① SOIL BORING</p> <p>● TEMPORARY MONITORING WELL</p> <p style="text-align: center;">N ↑</p>	 <p>AMERICAN COMPLIANCE TECHNOLOGIES, INC.</p>	<p><b>ASGROW FLORIDA COMPANY</b> 4144 HIGHWAY 39 NORTH PLANT CITY - HILLSBOROUGH COUNTY, FLORIDA</p> <p style="text-align: center;"><b>TANK EXCAVATION AREA SOIL SAMPLE LOCATION MAP</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">APRIL 5, 1990</td> <td style="width: 50%;">FIGURE 3</td> </tr> <tr> <td>PROJECT NO. : 1811</td> <td>SCALE : NOT TO SCALE</td> </tr> </table>	APRIL 5, 1990	FIGURE 3	PROJECT NO. : 1811	SCALE : NOT TO SCALE
APRIL 5, 1990	FIGURE 3					
PROJECT NO. : 1811	SCALE : NOT TO SCALE					



# PHOSLAB

Phone 813-682-5897

806 W. Beacon Road • Lakeland, Florida 33803

Fax 813-683-3279

Client: American Compliance Technologies, Inc.  
4406 South Florida Avenue - Suite 23  
Lakeland, Florida 33813

Attn: Mr. Jeff Humenik  
P.O. #  
Project: Asgrow Florida  
Reference: 11176/11177

Sampled By: JH  
Sample Date: 2-26-93  
Date Received: 2-26-93  
Analysis Date: 3-2-93  
Analyzed By: GJF/JMC

---

## CERTIFICATE OF ANALYSIS

---

VOLATILE ORGANICS  
EPA METHOD 602

(expressed as ug/L)

	<u>11176</u>	<u>11177</u>	<u>MDL, ug/L</u>
MTBE	BDL	BDL	0.20
Benzene	BDL	BDL	0.20
Toluene	BDL	BDL	0.20
Ethylbenzene	BDL	BDL	0.20
Xylenes	BDL	BDL	0.20
Total VOA	BDL	BDL	0.20

BDL: Below Detectable Limits


  
QA OFFICER


  
CHEMIST



# PHOSLAB

Phone 813-682-5897

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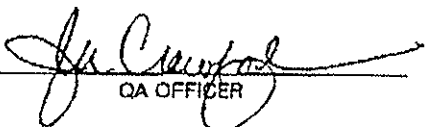
## CERTIFICATE OF ANALYSIS

POLYNUCLEAR AROMATIC HYDROCARBONS  
EPA METHOD 610

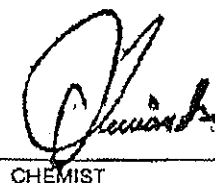
(expressed as ug/L)

	11176	11177	MDL, ug/L
Naphthalene	BDL	BDL	1.80
2-Methylnaphthalene	BDL	BDL	2.30
1-Methylnaphthalene	BDL	BDL	1.80
Acenaphthylene	BDL	BDL	2.30
Acenaphthene	BDL	BDL	1.80
Fluorene	BDL	BDL	0.21
Phenanthrene	BDL	BDL	0.64
Anthracene	BDL	BDL	0.66
Fluoranthene	BDL	BDL	0.21
Pyrene	BDL	BDL	0.27
Benzo[a]anthracene	BDL	BDL	0.02
Chrysene	BDL	BDL	0.15
Benzo[b]fluoranthene	BDL	BDL	0.02
Benzo[k]fluoranthene	BDL	BDL	0.02
Benzo[a]pyrene	BDL	BDL	0.02
Indeno[1,2,3-cd]pyrene	BDL	BDL	0.04
Dibenzo[ah]anthracene	BDL	BDL	0.03
Benzo[ghi]perylene	BDL	BDL	0.08

BDL: Below Detectable Limits

  
QA OFFICER

FORM QAQC #870308G

  
CHEMIST



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619  
813-744-6100

Virginia B. Wetherell  
Secretary

NOV 19 1993

Asgrow Florida Company  
State Road 39 North  
P.O. Drawer D  
Plant City, Florida 33566

Attn: Chris Pappas

WARNING LETTER #WL93-0073HW29SWD

RE: Asgrow Florida Company  
FLD006923510, Hillsborough County

Dear Mr. Pappas:

A hazardous waste compliance inspection was conducted at your facility on September 29, 1993 with a follow up inspection on October 5, 1993. This inspection was conducted under the authority of Section 403.091, Florida Statutes, and Chapter 403, Part IV, Florida Statutes, in order to determine the compliance status of your facility with Title 40 Code of Federal Regulations Parts 260 through 268, as adopted in Florida Administrative Code Chapter 17-730.

During this inspection, possible violations of rules regarding hazardous waste management were noted. These possible violations are described in the "Summary of Violations" section of the attached inspection report.

You are advised that any activity at your facility that may be contributing to violations of the above described statutes and rules should be ceased immediately. Operation of a facility in violation of State statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties up to \$50,000 per violation per day pursuant to Section 403.727, Florida Statutes.

You are requested to contact Timyn J. Rice of this office at (813) 744-6100, ext. 473, within 10 calendar days of receipt of this Warning Letter to arrange a meeting with Department personnel to discuss the issues raised in this Warning Letter. You may wish to consult an attorney and to have the attorney attend the meeting with the Department.

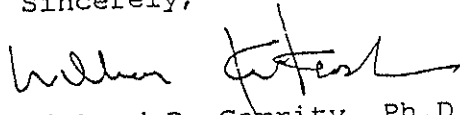
Facility  
WARNING LETTER #WL93-

NOV 19 1993

PLEASE BE ADVISED that this warning letter is part of an agency investigation preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. The purpose of this letter is to advise you of potential violations and to set up a meeting to discuss possible resolutions to any potential violations that may have occurred for which you may be responsible. Under the Department's agreement with the United States Environmental Protection Agency (EPA), a formal administrative complaint or "Notice of Violation" (NOV) must be issued within 120 days of the date of the attached inspection report. The issuance of the NOV may be avoided through the entry of a consent order or a demonstration that the listed violations did not occur. If the Department issues a Notice of Violation, and your are named as a party, you will be informed of your rights to contest any determination made by the Department in the Notice of Violation.

If after further investigation, the Department determines that the violation occurred, this matter may be resolved through the entry of a Consent Order which will include a compliance schedule and an appropriate penalty. In accordance with the RCRA Civil Penalty Policy of 1990, the penalties which would be assessed in this case are \$18,750.00.

Sincerely,

  
for Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

RDG/tjr

Enclosure

cc: Janet Ashwood, BWP&R  
Alan Farmer, USEPA, Region IV  
Compliance File



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. INSPECTION TYPE:  COMPLAINT  XROUTINE  FOLLOW-UP  PERMITTING  
FACILITY NAME: Asgrow Florida Co. DEP/EPA ID FLD006923510  
STREET ADDRESS: SR. 39 North, PO. Drawer D, Plant City, FL 33566  
MAILING ADDRESS: same  
COUNTY: Hills. PHONE: (813)752-1177 DATE: 9/29/93 TIME: 11:00 am

### TYPE OF FACILITY

Generator	Storage	Treatment
<input checked="" type="checkbox"/> Generator (>1000 kg/mo.)	<input type="checkbox"/> Container	<input type="checkbox"/> Tank
<input type="checkbox"/> SQG (100-1000 kg/mo.)	<input type="checkbox"/> Tank	<input type="checkbox"/> Land Treatment
<input type="checkbox"/> CESQG (<100 kg/mo.)	<input type="checkbox"/> Waste Pile	<input type="checkbox"/> Thermal
	<input type="checkbox"/> Surface Impoundment	<input type="checkbox"/> Chem/Phys/Bio
Transporter		<input type="checkbox"/> Incinerator
<input type="checkbox"/> Transporter	Disposal	<input type="checkbox"/> Surface Impoundment
<input type="checkbox"/> Transfer Facility	<input type="checkbox"/> Landfill	<input type="checkbox"/> Exempt Off-Site
	<input type="checkbox"/> Surface Impoundment	
<input type="checkbox"/> Non Handler	<input type="checkbox"/> Waste Pile	<input type="checkbox"/> Used Oil

### 2. Applicable Regulations:

40 CFR 261.5  40 CFR 262  40 CFR 263  40 CFR 264  
 40 CFR 265  40 CFR 266  40 CFR 268  17-730 F.A.C.

### 3. Responsible Officials:

Harry Holley  
Chris Pappas

### 4. Survey Participants and Principal Inspector:

Timyn J. Rice - FDEP  
Harry Holley - Asgrow  
Chris Pappas - Asgrow

### 5. Facility Latitude:

28°07'30"

### Longitude:

82°09'30"

6. Type of Ownership: FEDERAL STATE COUNTY MUNICIPAL PRIVATE

7. Permit No.: n/a Date Issued: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

8. Process Description:

Asgrow Florida Co. operates primarily as a distribution center for pesticides and herbicides. Several hundred types of prepackaged products are on site in the warehouses for distribution. The company also formulates the liquid pesticides. The company also continues formulation of the product entirely on site. The company also formulates other pesticides and herbicides on a needed basis. In addition to these products, Roundup, Vapam, Direx, and Prince are also formulated in 500 gallon and 200 gallon

On inspection at this facility took place, Asgrow has been involved in a soil and contamination in their tank farm area. During the inspection, all of the tanks in the tank farm had been found to contain 300 tons of toxaphene waste. Asgrow and FDEP's are currently negotiating a Consent Order to clean up the remainder of the clean up effort. Although Asgrow was notified as a non-handler in 1987, they were certainly a large quantity generator during the toxaphene contaminated soil remediation in 1992, and they continue to be a large quantity generator due to quantities of acutely hazardous waste generated.

The entire facility and all of the paperwork was inspected. The following is a description:

Liquid Formulation Area

Asgrow currently operates a 250 gallon batch formulator for the production of Thirethrin. Endosulfan is emulsified with Toximol 3403F and blended with the solvent Tenneco 500-100 (xylene). The product is pumped into two or five gallon containers for distribution. The spent solvent and endosulfan residue from the flushing of the pumping lines is drained into a 55 gallon satellite accumulation drum. It should be noted that of the manifests which included the P050 waste code for endosulfan, none included the F003 waste code for xylene used to flush the lines.

Also in this area was an open, unlabeled five gallon bucket containing solvent liquid and saturated rags. On the return inspection, a new fireproof container had been placed in the area for rags. The final disposition of the saturated rags noted during the initial inspection is unknown. Mr. Pappas did state that no rags had been disposed of and that they are reused to the greatest extent possible. Asgrow intends to discontinue the formulation on Thirethrin in December of this year.

Dry Chemical Blending Area



At the time of inspection this area was not operational. When it is in operation, all constituents are completely used in the blend. Mr. Pappas stated that any spills would be returned to the product. In a later discussion, Mr. Pappas stated that in the past, the carbamate Methomyl Technical had been formulated here and that any baghouse dust or floor sweepings would have been treated as K126 waste. However, Asgrow discontinued all dry formulation approximately three years ago and now purchases the product in a prepackaged form.

#### Methyl Bromide Tank Filling Area

Pressurized methyl bromide is pumped from a large storage tank into smaller portable tanks for distribution. Since methyl bromide is a gas in temperatures above 40 degrees Fahrenheit, any waste is released as a gas. Asgrow has installed a recovery system to capture gas that is vented during the filling process. The recovery system was inoperative at the time of the first inspection but had been repaired before the return inspection.

#### Methyl Bromide Tank Painting Area

Distribution tanks are routinely painted on the east side of the Miller building. According to Mr. Holley, there used to be a paint booth in this area, but that it did not meet the requirements of HCEPC. Painting takes place over the asphalt, and there is a large area covered with over spray and paint debris. The paint gun is cleaned with the solvent Tenneco 500-100 (xylene). Two 5 gallon buckets with loose fitting covers were used for satellite accumulation of spent solvent. Mr. Pappas stated that there was never any solvent to dispose of because it all evaporated. However, solvents tend to lose their practical use as a cleaner when they become saturated with paint pigments and solids, thus a spent solvent waste is generated before evaporation. Evaporation is not an acceptable method of disposal. It was suggested that Asgrow should use containers with tighter fitting lids. Upon the return inspection, new metal containers with tight fitting lids had replaced the plastic buckets. Mr. Holley stated that a new paint booth is in the works.

#### Miller Building

Within this building, reusable mini-bulk containers are filled with Roundup, Vapam, Direx, or Princep from their respective 5000 gallon product storage tanks. The storage tanks as well as the filling area have adequate secondary containment. The pumping lines and mini-bulk containers are dedicated, so there is no rinsate waste. The Roundup and Princep lines are filtered and the filters are handled as hazardous waste. Mr. Holley stated that the filters are unnecessary and that he plans to discontinue their use.

This building is also used to store several hundred returned and empty pesticide and herbicide 55 gallon drums. Along with these drums were 15 to 20 drums of waste water from the draining of the old septic tank prior to the removal of toxaphene contaminated soil. Mr.

Holley stated that this water had been analyzed and was non-hazardous, but that the local treatment plant would not accept it due to the nature of the generator.

Mr. Pappas stated that the empty drums were not generated by Asgrow, but that they handled them as a service to their customers. He said that the customers are required to triple rinse the drums. Asgrow is having difficulty finding a drum recycler to handle the drums.

#### Eastern Storage Shed

Adjacent to the hazardous waste storage area in a long covered storage shed. At the time of inspection, approximately 42 numbered 55 gallon drums were stored in the shed. This material was commercial chemical product which had been removed from the Homestead facility that had been destroyed by Hurricane Andrew. Mr. Holley stated that an inventory had been made on each drum, and that some contained seed, fertilizer, pesticides, and herbicides. Some of the material was being recovered (bean seeds and fertilizer). The inventory was not available for inspection during the initial visit. A list of drum contents was later compiled by Mr. Pappas and indicated that some of the drums contained waste. However, the nature of the waste was not indicated. It seems likely that several of these drums contain acutely toxic waste. Mr. Pappas stated that he would provide a more detailed list once he had an opportunity to personally inventory them.

#### Hazardous Waste Storage Area

A storage garage on the eastern side of the property is used for hazardous waste storage. A bundle of five containers of approximately five gallons capacity each, was being stored and had a label indicating an accumulation date of 4/9/93. As of 11/9/93, this material had not been disposed, exceeding the 90 day storage limit. Two other containers of pesticides that had been returned for disposal were stored but had no accumulation date. Two unmarked 55 gallon drums were said to contain a non-hazardous chelated iron fertilizer (Hampene 100). Inspection logs are maintained in the storage area. No inspections had been documented since 5/25/93.

#### Ground water Monitoring Wells

There are four monitor wells (MW-1 through MW-4) and a piezometer on the property. MW-1 was located in the south west corner of the property, adjacent to a retention pond. The well casing was pvc pipe which extended approximately two feet above the surface of the ground. The casing was run over by a groundskeeper and the well was not subsequently properly abandoned or repaired. The well opening could not be located during the initial inspection nor during the follow up inspection.

Two well casings protrude from the ground just west of the office building. According to a site map, this is the location of the piezometer. One of the casings did not have a cap on it and the well

had become home to a family of amphibians. The other wells appeared to be in good condition and had locking caps on them.

#### Hazardous Waste Manifests

At the initial inspection, many of the manifests were incomplete. Chris Pappas is in charge of the hazardous waste records and had only recently been hired. By the time of the return inspection, he had organized the manifests and the problems were all resolved. Several of the Land Disposal Restriction Notices were missing from the manifests and had to be faxed from the disposal facility. The most recent manifest (#93568 dated 6/30/93) had the D001 waste code handwritten in as an addition. The Land Disposal Restriction Notice did not include D001. Also, as previously mentioned, none of the manifests or Land Disposal Restriction Notices included the F003 waste code for the xylene line flush, even though they did list P050 for the endosulfan waste.

#### Biennial Reports

Manifests dating back to the beginning of 1991 indicate that Asgrow was indeed a large quantity generator. Asgrow failed to file a biennial report for 1991 in 1992.

#### Personnel Training

Mr. Pappas stated that only he and Mr. Holley handle hazardous waste at the facility. Asgrow's remediation contractor, H<sub>2</sub>O Environmental, Inc., had handled all hazardous waste related to the toxaphene contaminated soil cleanup. Hazardous waste training records were not available for Mr. Holley, nor the person with the initials E.J. who had signed many of the inspection logs for the hazardous waste storage area in 1991 and 1992. Mr. Pappas was not able to identify who this employee was.

#### Contingency Plan

Asgrow maintains and has distributed a new contingency plan dated 3/1/93. This plan supersedes the 10/7/86 Plan. The 10/7/86 plan was inadequate during the removal of toxaphene contaminated soils in 1992. The emergency coordinator named on that plan no longer worked for the company, and there was no documentation that the plan or any updates had been distributed to the required authorities.

#### 9. Summary of Violations:

- |                         |   |
|-------------------------|---|
| 40 CFR 262.34(b)        | Failure to ship off-site all hazardous waste containers stored on site for more than 90 days. |
| 40 CFR 262.34(c)(1)(ii) | Failure to mark the satellite accumulation container of solvent and rags in the liquid        |

formulation area with the words "Hazardous Waste" or with other words that identify the contents of the container.

- 40 CFR 262.40(c) Failure to keep adequate records of any test results, waste analyses or other determinations of the waste from the Homestead facility which is stored at the Plant City facility.
- 40 CFR 265.16 Failure to conduct personnel training to ensure that facility personnel are able to respond to emergencies.
- 40 CFR 265.54(d) Failure to amend the contingency plan when the list of emergency coordinators changes.
- 40 CFR 265.53(b) Failure to submit a copy of the contingency plan to all local authorities that may be called upon to provide emergency services.
- 40 CFR 265.75 Failure to submit a biennial report by March 1 of each even numbered year.
- 40 CFR 265.173(a) Failure to keep the satellite accumulation container of solvent and rags in the liquid formulation area closed, except when necessary to add or remove waste.
- 40 CFR 265.174 Failure to inspect areas where hazardous waste containers are stored, at least weekly, looking for leaks and for deterioration caused by corrosion or other factors.
- 40 CFR 268.7(a)(1)(i) Failure to include all applicable EPA Hazardous Waste Numbers on the land disposal notice.
- 17-532 F.A.C. Failure to properly abandon or repair a well.\*

\* This violation has been referred to SWFWMD for enforcement.

Inspected: Tim Rice  
Timyn J. Rice  
Environmental Specialist II

Approved: Elizabeth B. Knauss  
Elizabeth B. Knauss  
Environmental Specialist III

Date: 11/17/93

PENALTY COMPUTATION WORKSHEET

Violator's Name: Asgrow Florida Co.

Identify Violator's Facility: same

Name of Department Staff Responsible for the Penalty Computations:

Timyn Rice

Date: November 9, 1993

PART I - Class B (no penalty) Determination

Rationale for Class B Determination: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PART II - Class A Penalty Determinations

Violation Type	Potential for Harm	Extent of Dev.	Matrix Amount	Multi day	Adjustments	Total
1. 262.34(b)	minor	moderate	500-1499			\$1,000.00
2. 262.34(c)(1)(ii)	minor	minor	100-499			\$ 300.00
3. 262.40(c)	minor	minor	100-499			\$ 300.00
4. 265.16	moderate	major	8000-10999			\$9,500.00
5. 265.54(d)	minor	minor	100-499			\$ 300.00
6. 265.53(b)	minor	minor	100-499			\$ 300.00
7. 265.75	minor	major	1500-2999			\$2,250.00
8. 265.173(a)	minor	major	1500-2999			\$2,250.00
9. 265.174	minor	major	1500-2999			\$2,250.00
10. 268.7(a)(1)(i)	minor	minor	100-499			\$ 300.00

Total Penalties for all Violations: \$ 18,750.00

(Attach Part III for each violation for which an adjustment on multi-day penalty is determined.)

HAZARDOUS WASTE INSPECTION  
EXIT INTERVIEW

FACILITY: ASCROW FLORIDA CO  
I.D. NUMBER: FLD 006 923 510 DATE: 9/29/93 TIME: 1:45  
INTERVIEW PARTICIPANTS: TIM RICE, HARRY HOLLY

This exit interview is the Department's procedure to advise you early in the process of possible violations of Florida Administrative Code Chapter 17-730, which adopts Federal Regulations 40 CFR Parts 260-266 by reference. It is possible that the violations noted and checked are incomplete. After a complete internal file review by the Department, an inspection report will be finalized. In most cases the violations noted below by the inspector will not change in the final report, therefore, you are advised to immediately begin correcting these violations. The Department will forward the complete inspection checklist along with the finalized inspection report within 45 days. Be advised that the Department has signed an enforcement agreement with the U.S. Environmental Protection Agency which calls for the assessment and collection of monetary penalties for violations. While your quick response in correcting the violations may not reduce the calculated penalties, continued non-compliance may result in greater penalty liability.

The following violations have been tentatively identified:

- 1. Hazardous Waste Determination (262.11).
- 2. Hazardous Waste Notification (262.12 or 263.11 or 264/265.11).
- 3. Manifest Deficiencies or Recordkeeping and Reporting (263 Subpart B or 264/263 Subpart E).
- 4. Personnel Training [265.16 (262.34(d) for SQG) or 264.16].
- 5. Contingency Plan [265 Subpart D (262.34(d) for SQG) or 264 Subpart D)
- 6. Preparedness and prevention (265 Subpart C or 264 Subpart C).
- 7. Container Requirements (265.34 or 264/265 Subpart I).
- 8. Tank Requirements (262.34 or 264/265 Subpart J).
- 9. Operating a treatment, storage or disposal facility without a permit (403.722 F.S., F.A.C. 17-730, Section IV).
- 10. Security Requirements (264/265 .14).
- 11. Groundwater Monitoring (264/265 Subpart F).
- 12. Closure/Post-closure (264/265 Subpart G).
- 13. Failure to comply with the provisions of a Department issued permit or with the provisions of the Consent Order.
- 14. Other \_\_\_\_\_

COMMENTS: \_\_\_\_\_

DER INSPECTOR SIGNATURE: Tim Rice

FACILITY PARTICIPANT SIGNATURE: Harry Holly

NOTE: BY SIGNING THIS FORM THE FACILITY PARTICIPANT IS ONLY INDICATING THAT THIS FORM HAS BEEN RECEIVED. THIS IS NOT AN ADMISSION THAT THE CITED PROVISIONS HAVE BEEN VIOLATED.

# THE UPJOHN COMPANY

KALAMAZOO, MICHIGAN 49001-0199, U.S.A.  
TELEPHONE (616) 323 4000

March 24, 1993

CERTIFIED MAIL

Ms. Sandra Tippin  
Environmental Specialist III  
Division of Waste Management  
Florida Department of Environmental Regulation  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

D. E. R.

APR - 2 1993

SOUTH  
Tampa

Dear Ms. Tippin:

In response to your March 12, 1993, letter to the Upjohn Company /Asgrow Florida Company (AFC), we are providing additional information, proposed actions, and documentation which specifically addresses each itemized concern. AFC is willing to incorporate this information and proposed actions into a mutually acceptable agreement between the State of Florida and AFC. We address each item as numerically detailed below.

1) Pesticides have not been confirmed to be present in groundwater. The only water sample to indicate possible pesticide contamination was collected from Grid D3 during the May 1992 soil excavation project (Golder Associates, August 1992) beneath a former above-ground tank farm. A water sample taken at the base of this excavation detected toxaphene at 1,000 ug/L; however, the laboratory did not filter this water sample as requested by Golder Associates prior to analysis. Toxaphene is virtually insoluble in water and has a high affinity for soil particles. It is likely that soil was present in the water sample and the laboratory detected a false positive detection by virtue of the presence of soil in the sample. AFC regards this sample as inaccurate and not taken and analyzed according to EPA SW-846 protocol.

A ground-water sample collected according to EPA SW-846 protocol from a properly constructed monitoring well would be a representative ground-water sample. To date, there have been no detections of pesticides found in any monitoring wells on-site. AFC will resample the groundwater in this area by means of a proposed groundwater monitoring well.

Further, AFC agrees that a Contamination Assessment Plan (CAP) is needed to assess the horizontal and vertical extent of contamination at the site. AFC also agrees that potential sources of contamination based upon site activities and operations should be investigated. We propose that the document "Corrective Actions For Contamination Site Cases" be incorporated into an agreement that is mutually acceptable between the State and the AFC.



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2) AFC believes the eleven areas (a-k) recommended by the Florida Department of Environmental Regulation (FDER) for separate ground-water monitoring well networks are excessive and will provide repetitious data with respect to the ground-water investigation. AFC proposes the following five areas for ground-water monitoring which will be representative of distinct areas. These distinct areas are either potential sources of contamination or are areas at the property boundary which will monitor potential off-site contamination.

Area A Area A incorporates the hazardous waste accumulation building and railroad unloading area. These two areas are approximately 15 feet apart.

AFC proposes to use existing monitoring well MW-3 and a shallow down-gradient monitoring well to be located adjacent to the north-west corner of the hazardous waste accumulation building.

Area B Area B incorporates the production building and warehouse areas and the area north-west of the tank farm where the surface water drainage pipe discharged to the ground into the east-west trending drainage ditch. The production building and warehouse are approximately 45 feet apart. The drainage ditch and production area are approximately 50 feet apart.

AFC proposes to use existing monitoring wells MW-2 and MW-3 in addition to two new well locations. One shallow down-gradient monitoring well would be located between the production area and warehouse area while the other shallow down-gradient monitoring well would be located west of the office area. In addition, AFC proposes to install the monitoring wells referenced in the November 25, 1992, Ground-Water Investigation Workplan prepared by H2O Environmental, Inc..

Area C Area C incorporates the incinerator, tank farm area north-east of the closed tank farm, former Pond 1, and the area of the drain field. The incinerator and tank farm area are approximately 140 feet apart. The former Pond 1 and drain field area are adjacent to each other. The former Pond 1 and the tank farm area north-east of the closed tank farm are approximately 60 feet apart.

AFC proposes to install the monitoring wells referenced in the November 25, 1992, Ground-Water Investigation Workplan prepared by H2O Environmental, Inc.. In addition, we propose to use existing monitoring wells MW-3 and MW-4 and a new shallow down-gradient monitoring well east of the location of former Pond 1.

Area D Area D incorporates the containment areas for the excavated soil and debris. The former storm-water run-off retention pond and the excavated soil/debris storage area are approximately 320 feet apart.

AFC proposes two shallow down-gradient monitoring wells. One well location would be south-east of the former location of the most-easterly soil pile which was designated for landfilling while the other well location would be due south of the maintenance building.





Area E Area E incorporates the former storm-water retention basin, the area of the fire-water retention pond, and former Pond 2. The former Pond 2 and the fire-water retention pond are approximately 50 feet apart. The fire-water retention pond and the former storm-water retention pond are approximately 45 feet apart.

AFC proposes to use existing monitoring well MW-1 (if it can be salvaged) and a shallow down-gradient monitoring well in a location between the fire-water retention pond and former Pond 2. If MW-1 cannot be salvaged, a new monitoring well will be installed in its place.

AFC believes that the proposals above will be more than adequate, but suggest that prior to a detailed review of these proposals, FDER representatives visit the AFC site so that the specifics of the proposal can be clearly delineated.

3) AFC believes that the proposed installation of shallow monitoring wells outlined in 2) above will be representative of all potential sources of contamination the FDER outlined in Item 2 of the March 12, 1993, letter to AFC. These wells surround the periphery of the operation areas and include wells at the center of the operation area up-gradient.

4) AFC agrees that deep monitoring wells will be necessary to define the vertical extent of those areas which have been confirmed to have contaminant detections in the shallow monitoring wells.

5) AFC agrees that field-screening soils with an Organic Vapor Analyzer (OVA) or photo-ionization instrument (e.g. HNu) will not detect all contaminants; however, a field-screening instrument will likely detect the volatile/semi-volatile contaminants typically found at this site in co-existence with the non-volatile contaminants. Based upon previous site investigations and remedial activities for this site, toxaphene contamination was usually detected in conjunction with ethylbenzene and xylene contamination (soil sample locations e.g. SS-7, SS-8 of Golder Associates, Inc. Investigation). Likewise, inorganic contamination and organic contamination is typically detected together in the same soil sample.

AFC proposes field-screening with a flame-ionization or photo-ionization field instrument to determine "hot spots", if any, for sampling. In addition, AFC proposes soil sampling at five foot intervals to the water table. We propose to sample at five foot intervals beyond the water table during soil boring for the deeper aquifer monitoring well installations, if necessary.

AFC proposes to analyze for all chemical constituents used during operational activities and storage in specific areas. In addition, we propose to sample for analytes previously detected during past investigations at this site. The sampling of these analytes should be limited to the specific areas they were detected.

AFC agrees to collect samples for analysis by EPA Methods 8240, 8250 or 8270, 8080, and priority pollutant metals if these EPA methods will detect constituents historically used or previously detected in specific areas. We also agree to identify all non-priority pollutant organic compounds with peaks greater than 10 ppb.



- 6) AFC proposes collecting one surface water sample from each on-site pond, surface water body, or ditch. In addition, we propose collecting one sediment sample from the center of each on-site pond or surface water body. AFC proposes to collect surface samples at 25 foot grid intervals along portions of the drainage ditch which have not been remediated.
- 7) AFC agrees to assimilate all data in our possession to summarize the requested items a-j in the March 12, 1993, letter pertaining to the AFC site history.
- 8) AFC agrees to sample for all hazardous waste constituents (e.g. parathion, methylparathion, and methylmyl) generated at the AFC facility provided that analytical methods are available for the constituents. This sampling should be limited to storage or use areas.
- 9) AFC agrees to use the analytical method detection limits for analytes that are specified as applicable FDER standards or guidance concentrations. We believe that any remediation at this site should be based on site-specific ground-water standards for this shallow, surficial aquifer which is not known to be a local potable water source. AFC doesn't use this aquifer as a potable water source.

AFC considers the combination of Florida Administrative Code Chapters 17-550 (Drinking Water Standards, Monitoring, and Reporting) and 17-302 (Surface Water Quality Standards) to be contradictory, excessive, and unreasonable. For example, if toxaphene contamination were confirmed to exist in ground-water and if ground-water treatment were necessary, the post-treatment water to be discharged to a ground-water infiltration gallery at the surface would be five orders of magnitude lower than the drinking water standard achieved to meet ground-water cleanup criteria. Thus there would be no method of disposing the post-treatment water on-site, especially since no sanitary sewer system exists in this area. The FDER drinking water standard for toxaphene is 3 ppb while the FDER surface water quality standard is 0.2 ppt.

AFC proposes, if treatment of ground-water is necessary, that site-specific cleanup and post-treatment discharge limits are developed that will be protective of human health and the environment considering site specific factors. The current toxaphene standards suggests that an individual can drink water with a toxaphene concentration of 2 ppb but cannot accidentally spill the glass of water on to the ground surface without violating the surface water quality standards. AFC is willing to develop site-specific cleanup and post-treatment discharge limits for constituents based upon toxicity, human-health risk factors, fate and transport, current cost-benefit technologies, and specific site conditions. Upjohn has developed cleanup standards under the Michigan Department of Natural Resource's guidance to be used for site cleanup in Michigan. AFC is willing to utilize EPA Risk Assessment Guidance Documents.

- 10) AFC agrees that lithology logs should be developed to document subsurface material observed at each borehole, piezometer, or monitoring well.
- 11) AFC agrees to locate and grout all existing monitoring wells which are inadequate for use in accordance with the requirements of the Southwest Florida Water Management District.



12) The two ground-water monitoring wells installed by H2O Environmental, Inc. during January, 1990 in the 10 acre pasture still exist. They were likely over-looked by Golder Associates, Inc. because they were flush-mounted instead of a stand-pipe construction. Currently AFC intends to maintain these monitoring wells.

13) Enclosed is a copy of the April 1990 closure report (See Attachment A) of two 4,000 gallon underground diesel fuel storage tanks. Also enclosed in Attachment A is a copy of the March 3, 1993, report which includes additional ground-water sampling for this tank closure assessment. AFC considers this tank closure complete based upon the non-detect EPA Method 602 and 610 analytical results for ground water. This fulfilled the requirements set forth by the Environmental Protection Commission of Hillsborough County in a December 16, 1992, letter written to AFC (See Attachment A).

14) AFC agrees to collect one ground-water sample from the on-site production well and analyze this sample for all constituents of concern. This well is 260 feet below the ground surface in the deep (third aquifer from ground surface) Floridian Aquifer. If the production well sample indicates ground-water contamination, further sampling of this well will be conducted. Otherwise, no further sampling of all constituents of concern should be necessary.

15) AFC agrees to measure water level elevations on a regular basis from all wells, piezometers and surface waters on-site to confirm the ground-water flow direction. We propose to measure ground-water elevations on a quarterly basis for the first year and semi-annually thereafter until investigation and remedial activities are complete. Ground-water contour maps must use data specific to the aquifer the data represents.

We believe the ground-water flow map is depicted accurately based upon the data we have. H2O Environmental, Inc. and Golder Associates, Inc. presented similar ground-water flow interpretations. Both of these consultants worked independently of each other during different time periods to derive the similar ground-water flow interpretation. AFC agrees that additional locations of water level measurements may provide different ground-water flow interpretations. Once all new monitoring well installations are complete, we propose to survey all monitoring wells, piezometers, and surface water bodies to a common benchmark (datum) and develop a new ground-water flow figure.

16) AFC agrees that geologic portions of further documents and submittals will be signed and sealed by a Florida registered professional geologist in accordance with Chapter 492, Florida Statutes. AFC agrees that engineering portions of further documents and submittals will be signed and sealed by a Florida registered professional engineer in accordance with Chapter 471, Florida Statutes.

17) AFC agrees to identify and plot on a map all wells within a one-half mile radius of the site that are down-gradient of an encroaching contaminant plume. Currently a ground-water plume has not been defined. Once a ground-water plume is defined, if any exists, then we agree to provide information on the present use of the wells, provide well construction details, and calculate cones of depressions as applicable considering the location, aquifer, and pumping rate.



Ms. Sandra Tippin  
March 24, 1993

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18) There are no longer any known antiquated or unused septic tanks, storage tanks, or pipelines on-site. Both septic tanks immediately north of the production building have been removed. The two underground diesel fuel storage tanks south of the maintenance building have been removed and properly closed according to the specifications of the Environmental Protection Commission of Hillsborough County. Currently there are five empty above-ground storage tanks waiting for reuse pending identification of a suitable location to construct a new above-ground storage tank containment area. Other existing above-ground storage tanks are currently in use. All unused pipelines have been removed from service.

19) Enclosed is a figure as Attachment B which details the EPA contractor sampling locations.

The following are AFC's itemized responses to FDER's comments to the document entitled, "Tank Farm Area Soils Excavation, Asgrow Florida Company, Plant City, Florida," dated August 1992 and prepared by Golder Associates, Inc..

1) Enclosed in Attachment C are two copies of the October 1990 Assessment Report prepared by Golder Associates, Inc.

2) The rationale for the 0.6 mg/kg, 8,000 mg/kg, and 20,000 mg/kg cleanup levels for toxaphene, ethylbenzene, and xylene, respectively, is explained in the Remedial Action Plan prepared by Golder Associates, Inc.. Section 4.2 titled "Remedial Goals" base the recommendations for the proposed cleanup levels/goals on EPA's July 1990 proposed action levels for soils at Solid Waste Management Units (SWMUs).

Your letter referenced development of Site Rehabilitative Levels (SRLs) for the AFC facility. Please provide examples of Department approved SRLs for other Florida sites with similar constituents.

3) Enclosed in Attachment D is documentation of the Department approved Comprehensive Quality Assurance Plan (CompQap) from PACE Laboratories.

In addition, Appendix B of the report titled, "Tank Farm Area Soils Excavation, Asgrow Florida Company, Plant City, Florida," includes Phoenix Environmental, Inc. data summaries, sample log-in sheets, chain-of-custodies, QA/QC summaries, and updated Project Standard Operating Procedures. Unfortunately, Phoenix Environmental, Inc. appears to be insolvent and no longer exists. It may be difficult to obtain further information regarding their Quality Assurance Plan, although current efforts to do so will continue.

4) Composite soil samples were used in conjunction with individual grid soil samples to determine site cleanup. In addition, of the final post-excavation soil samples collected from each of the sixteen grids, only three grids (C 3-5, E 2-2, F 3-4) indicated detections with respect to ethylbenzene, xylene, or toxaphene. Grid E 2-2 exhibited a toxaphene detection (0.96 ppm)



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Ms. Sandra Tippin  
March 24, 1993

Page 7

barely above the proposed corrective action cleanup limit for SWMUs (0.6 ppm). AFC agrees confirmatory sampling may be necessary at Grid Area E 2-2.

5) The drainage pipe and gravel encountered during the excavation of grids A1, B1, and B2 are believed to be associated with the former septic tank which was removed or a former drainage field. It is our understanding that water from the showers and bathroom may have drained to this area.

6) All excavated soil and debris related to this remedial project was either shipped to the Chemical Waste Management, Inc. Hazardous Waste Landfill in Emelle, Alabama or was incinerated at the Hazardous Waste Incinerator in Port Arthur, Texas. A total of 666.35 tons of soil/debris was landfilled and 556.4 tons of soil was incinerated.

7) The debris was stockpiled in a temporary containment area constructed by Chemical Waste Management, Inc.. The containment area was constructed of earthen berms and visqueen which was either landfilled or incinerated after the materials were no longer needed for containment. A thin layer of topsoil beneath the containment area of the staged soil and debris was also scrapped from the ground surface after the removal of the soil and debris and either landfilled or incinerated. The debris was landfilled in Emelle, Alabama. Documentation of disposal (manifests) are included in Attachment E.

8) Since the four truck loads with soil containing less than 1,000 ppm Halogenated Organic Compounds (HOCs) missed the landban variance deadline (May 8, 1992), this soil was incinerated in Port Arthur, Texas. Documentation of disposal (manifests) are included in Attachment E.

9) All manifests were signed and completed by the receiving facility. Copies of these are included in Attachment E.

The FDER Hazardous Waste Section granted two 30 day extensions to the 90 day period for the temporary storage of hazardous waste at the Asgrow Florida Company EPA ID# FLD0069235510. Since all hazardous waste soil and debris related to this project was removed from AFC by October 5, 1992, the Asgrow Florida Company retains its status of <(less than) 90 day generator status. FDER August 11 and September 4, 1992, letters granting these extensions are included in Attachment E .

10) The backfill soils that were composited to collect sample BF-1 are included in one of the excavated soil piles from the Firewater Retention Pond still remaining on-site. Another composited soil sample (BF-2) from another soil pile was non-detect for all EPA method 8240 and 8080 parameters, with the exception of methylene chloride which was also found in the laboratory blank. These analytical results are in Appendix C of the report titled, "Tank Farm Area Soils Excavation. Asgrow Florida Company, Plant City, Florida," prepared by Golder Associates (August 1992).



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Ms. Sandra Tippin  
March 24, 1993

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AFC proposes to resample the soil pile from which sample BF-1 was composited for constituents included in EPA Methods 8310 and 8080, and Total Recoverable Petroleum Hydrocarbons.

11) AFC will attempt to salvage ground-water monitoring well, MW-1. If this well can not be salvaged, the well will be abandoned in accordance with the requirements of the Southwest Florida Water Management District.

12) There were a total of three interim containment areas (Landfillable, Incinerable, and Landfillable/Incinerable). All three interim containment areas were within the gridded excavated areas (A-F). Remedial activities proceeded from west to east, keeping the interim containment areas behind the excavation activities but still within the boundaries of the gridded areas (A-F). The last gridded area, Grid F, had the soil transported directly to the final temporary containment area for landfillable or incinerable soil east of the maintenance building. All soil and debris stored in the interim containment areas was eventually stockpiled in the final temporary containment area for landfillable or incinerable soil or debris prior to its final disposal. The final disposition of this hazardous waste was either landfilling in Emelle, Alabama or incineration at Port Arthur, Texas. Both of these disposal facilities are owned and operated by ENRAC, the owner and operator of Chemical Waste Management, Inc..

Soil samples, CA-1 to CA-8, are soil samples collected from interim containment areas which had varied locations within the unexcavated gridded areas (A-F). No figure detailed these locations; however, soil was eventually excavated from each of these locations. The final grid analyses for the area which encompassed the containment areas are in Table 2-7 in the report titled, "Tank Farm Area Soils Excavation, Asgrow Florida Company, Plant City, Florida," prepared by Golder Associates, Inc. (August 1992).

ISP-1 was a temporary location within the gridded areas (A-F). This sample was taken in the same manner the LSP samples were taken. The purpose of this soil sample was to indicate an area of contamination for interim soil staging similar to the incinerable soils to be stockpiled in this area. Hence the name Incinerable Soil Pile, ISP-1.

All scraped-off excavated soils were either landfilled or incinerated at the Chemical Waste Management, Inc. facilities in Emelle, Alabama or Port Arthur, Texas, respectively. The documentation of proper disposal (manifests) are included in Attachment E.

Once you have reviewed this information and AFC's proposals to your comments in the March 12, 1993, please contact me so that we may discuss the requirements to the Contamination Assessment Plan (CAP). After the requirements of the CAP are further discussed, AFC will proceed with developing a project specific Quality Assurance Project Plan (QAPP) in addition to the CAP. AFC proposes to incorporate the CAP and QAPP into a mutually acceptable agreement between the State and AFC.

We also encourage you to visit this facility to understand its operations, size, and facility layout. Upjohn/AFC believes this will provide much more information to incorporate into or adjust your



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Ms. Sandra Tippin  
March 24, 1993

Page 9

previously conceived presumptions of the facility. If this is of interest to you, please contact me at (616) 329-9178 so that we may schedule an available date and time.

In addition, please contact me if you have questions or comments.

Sincerely,



Russ G. Downey  
Environmental Affairs  
The Upjohn Company

enc\*

RGD:nlm

c The Upjohn Company File 21.3\*, \RESPONSE.DER  
Asgrow Florida Company - Gerald Crane\*, Harry Holley  
WD Anderson, JW Blackmer, HJ Jones, RS Senger, MJ Visser, KM Walsh





Lawton Chiles  
Governor

Florida Department of  
**Environmental Protection**

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619  
813-744-6100

Virginia B. Wetherell  
Secretary

[FEB 14 1994]

The Upjohn Company  
7000 Portage Road  
Kalamazoo, MI 49001

Attention: Mr. J. William Whitlock

Re: Final Agency Action (Consent Order)  
Asgrow Florida Corporation  
OGC File No.: 93-4834

Dear Mr. Whitlock:

Enclosed is a copy of the executed Consent Order for the referenced case. The Department has received your check for \$14,500.00 as stipulated by the Order. Thank you for your cooperation in resolving this matter. This enforcement action is now closed.

Sincerely,

William Kutash  
Administrator  
Division of Waste Management

WK/tjr

Enclosure

cc: Pam Price, OGC  
Janet Ashwood, BWP & R  
Alan Farmer, USEPA, Region IV



RECEIVED

JAN 18 1994

Corporate Law



Florida Department of  
Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619  
813-744-6100

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

JAN 10 1994

The Upjohn Company  
7000 Portage Road  
Kalamazoo, MI 49001

Attention: Mr. J. William Whitlock

Re: Proposed Settlement by Short Form Consent Order in Case  
of Asgrow Florida Corporation, OGC File No.: 93-4834

Dear Mr. Whitlock:

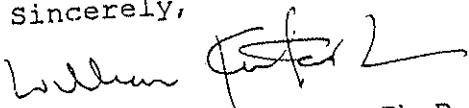
The purpose of this letter is to complete the settlement of the violations previously identified by the Department of Environmental Protection ("DEP") in the Warning Letter WL93-0073HW29SWD, dated November 19, 1993, which is attached. The corrective actions required to bring your facility into compliance have been performed. However, you must pay to the Department the amount of \$14,400.00 in civil penalties to complete settlement of the violations described in the attached Warning Letter, along with \$100.00 to reimburse the DEP's costs, for a total of \$14,500.00. This payment must be made to "The Department of Environmental Protection" by certified check or money order and shall include thereon the OGC number assigned above and the notation "Pollution Recovery Fund". The payment shall be sent by certified mail or hand delivered to the Division of Solid Waste, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida, 33619-8318 within 10 days of your signing this letter.

Your signing of this letter where indicated at the end of page two of this letter constitutes your acceptance of DEP's offer to settle this case on these terms. If you sign this letter, please return it with all attachments to DEP at the address above. DEP will then countersign the letter and file it with the Clerk of the DEP. When the signed letter is filed with the Clerk, the letter shall constitute a Consent Order, which is final agency action of the DEP, the terms and conditions of which may be enforced in a court of competent jurisdiction pursuant to Sections 120.69 and 403.121, Florida Statutes. Failure to comply with terms of this letter once signed by you shall constitute a violation of Section 403.161 (1)(b), Florida Statutes.

JAN 10 1994

By countersigning this settlement offer, the DEP waives its right to seek judicial imposition of damages, cost or expenses, or civil penalties for the violations described above. By accepting this settlement offer, you waive your right to an administrative hearing to contest this settlement pursuant to Section 120.57, Florida Statutes, and your right to appeal this settlement pursuant to Section 120.69, Florida Statutes. This offer to settle is open for 10 days from the date of this letter or until DEP otherwise withdraws the offer. If you do not sign and return this letter to the Department at the Southwest District address given above by this date, the case will be referred to the DEP's Office of General Counsel with a recommendation that formal enforcement action be taken against you. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the DEP Clerk.

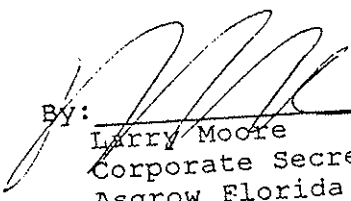
Sincerely,

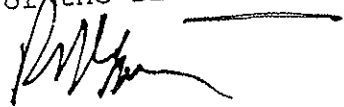
  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

I ACCEPT THE TERMS OF THIS SETTLEMENT OFFER.

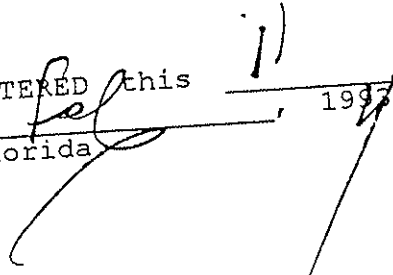
For Asgrow Florida Company

For the DEP:

By:   
Larry Moore  
Corporate Secretary  
Asgrow Florida Company

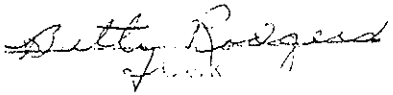
  
Richard D. Garrity, Ph.D.  
Director of District Management  
State of Florida Department of  
Environmental Protection

Date: 1/19/94

ENTERED this 11 day of  
Feb, 1994 in Tampa,  
Florida 

RDG/tjr  
Attachments

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to S120.52  
Florida Statutes, with the designated Depart-  
ment Clerk, receipt of which is hereby acknow-  
ledged.

  
Betty Rodriguez  
Date 2-14-94

PROPOSED FUTURE USE REMEDIAL DESIGN  
FOR THE FORMER TANK FACILITY AREA

Former Asgrow Florida Company  
4144 Highway 39 North  
Plant City, Hillsborough County, Florida

Prepared for

**THE UPJOHN COMPANY**  
7000 Portage Road  
Kalamazoo, Michigan 49001

Project No. 1142.2051

Prepared by

H<sub>2</sub>O Environmental, Inc.  
745 Shamrock Boulevard  
Venice, FL 34293

July, 1994

EPC/Waste Management Division

OCT 05 1994

RECEIVED

*David P. Moore*  
7-8-94

## SECTION 2.0

### CHRONOLOGICAL OVERVIEW

- 1964 The Kilgore Seed Company purchased one parcel from Joe Lee McIntosh.
- 1965 The Kilgore Seed Company began operation utilizing the production/formulation warehouse, the storage/distribution warehouse and the office building.
- Late 1960's One 12,000 gallon, two 3,000 gallon, and one 3,500 gallon above ground storage tanks constructed at the facility between the mid to the late 1960's.
- 1968 The Kilgore Seed Company became the Asgrow-Kilgore Company.
- 1971 The Asgrow-Kilgore Company became the Asgrow Florida Company (AFC).
- 1972 The parcel north of the AFC facility was purchased and included the Miller building. The parcel was previously owned by the Miller Chemical and Fertilizer Company and the building, built prior to 1965, was used as a warehouse for the storage and repackaging of fertilizer products.
- 1970's Eastern retention wall constructed around above ground storage tanks (two 3,000 gallon spray oil tanks and one 12,500 gallon citrus oil tank, previously containing Tenneco 500 composed of xylenes, C<sub>9</sub> hydrocarbons plus aromatics). Base of enclosure consists of gravel, filter fabric, and asphalt. Toxaphene stored in 12,000 gallon tank outside of retention area until 1975 (then used for storage of paraffin base oils).
- 1977 The gas formulation plant was brought online in 1977. Prior to 1977, the methylbromide-nitrogen gas mixture was brought to the plant in large tanks (1,400 lb.) and put into smaller tanks for distribution. Asgrow conducted this operation outside the buildings.
- 1980 One 12,000 gallon above ground storage tank constructed around 1980. Western retention wall constructed (one 3,500 gallon tank, one 12,000 gallon tank, and an inactive septic tank). Base of enclosure consisted of gravel and filter fabric; asphalt and soil underlying the fabric.
- 1980's Underground transfer lines for solvents phased out.
- 6/20/88 Five temporary piezometers (1 through 5) installed by Environmental Engineering Consultants (EEC) to evaluate the groundwater flow at the facility.
- 7/88 A groundwater monitoring well was installed by EEC immediately south of the closed diesel tank area (southeast portion of site). The well has since been abandoned.
- 8/9/88 NUS Corporation, an EPA Contractor, collected nine soil samples and four water samples and split with the Asgrow Florida Company (Asgrow) for analysis by EPA Methods 624/8240/608/8080, select metals and cyanide.
- 1/12/90 Two monitoring wells installed east of the plant for assessment of the pasture land that Asgrow acquired by H<sub>2</sub>O Environmental, Inc. Groundwater quality results indicated no detectable concentrations of the parameters analyzed.

- 1990 An additional parcel was purchased from the Florida Steel Corporation and consists of the pasture east of the existing buildings.
- 4/90 Underground Storage Tanks removed from area south of the Hazardous Waste Storage Area by American Compliance Technologies, Inc. (ACT).
- 10/29-30/90 Golder collected 18 soil samples (BGSS-1; SS-1 - SS-17) for analysis by EPA Methods 8240 and 8080. Four of the samples analyzed for the 8 RCRA Metals plus Copper. One sample (BGSS) was analyzed for priority pollutant metals and TCL EPA Method 8080 for background soil quality. Two retention area water and soil samples (PSW-1, PBS-1, MSW-1 and MBS-1) were collected for analysis by EPA Methods 624/8240 and 608/6080. Monitoring wells 1 through 4 were installed by Williams and Associates, Inc. and sampled by Golder Associates, Inc. (Golder) for analysis by EPA Method 624 and 8080. One piezometer (P-2) was installed and a complete round of liquid level measurements taken for groundwater flow determination.
- 10/31/90 Golder performed Hydraulic Conductivity Tests utilizing MW-2 and MW-3 as the test wells. Data analyzed by the Bouwer-Rice Method.
- 2/5/91 Golder submits Site Assessment Investigations Report to the Asgrow Florida Company.
- 5/7-9/91 Golder performed an investigation in the above ground tank area and in the area of MW-4. The investigation included Field GC Screening of groundwater samples at 18 locations (25 foot grid spacing) and Field GC Screening of 7 soil samples. Eleven additional soil samples were collected and submitted for analysis by EPA Method 8080 and a duplicate for analysis by CLP. Two samples were submitted for analysis by EPA Method 8240; one submitted for analysis by CLP. From field screening and laboratory analysis, approximately 173 cubic yards of toxaphene impacted soil exists in the tank area. One 3,500 gallon above ground tank (AGT) currently exists onsite for storage of Tenneco 500 and one 5,000 gallon AGT exists and is currently empty. Both exist outside of the AGT enclosure areas.
- 7/5/91 Golder submits Letter Report on Tank Farm Assessment Investigation to the Asgrow Florida Company.
- 8/17/91 Golder submits Remedial Action Plan for Tank Farm Restoration to the Asgrow Florida Company.
- 4/20/92 Preparation for excavation of soils for site restoration commences. Grid system marked by Golder. Phoenix Environmental Mobile Laboratory (Phoenix) arrives at site for onsite screening of samples.
- 4/28/92 Initial grid samples collected and analyzed by Phoenix.
- 4/29/92 ENRAC constructs two containment areas to stockpile contaminated soil. The trenches were lined with visqueen for the stockpiling of contaminated soils.
- 4/30/92 ENRAC initiates soil excavation in grids A1, A2, A3, and B1. Excavation of soils was performed in lifts and each uncovered layer within grids sampled for onsite analysis.
- 5/1/92 Excavation of grids B2 and B3 initiated. Septic system damaged in grid C1 during additional B1 excavation.
- 5/2/92 Excavation of grids C1, C2, C3, D1, D3, E1, E3, and F3 initiated.

- 5/4/92 Composite samples from the grids believed to be clean were collected and split for analysis onsite by Phoenix and Pace Laboratories, Inc. for pesticides and volatiles. Onsite analysis indicated additional excavation was required and Pace samples were not submitted. Excavation of grid E-2 initiated. Composite sample of B grid submitted to Pace for analysis.
- 5/5/92 Excavation operations ceased. Composite samples of C, D, and E grids submitted to Pace for analysis. All soils with toxaphene concentrations greater than 1000 mg/kg in the containment areas and debris in the debris pile were covered with visqueen for temporary storage prior to proper disposal. Soils less than 1000 mg/kg toxaphene were loaded into nine trucks for disposal at the CWM facility in Alabama.
- 5/6-7/92 Eighteen trucks were loaded with soils less than 1000 mg/kg toxaphene for disposal at the CWM facility in Alabama. Four of the trucks that left the site on 5/7/92 were denied access to the landfill due to the Land Ban variance enacted 5/8/92. These soils were subsequently treated by incineration at the CWM hazardous waste incinerator in Port Arthur, Texas. A total of 666.35 tons was disposed of at the Alabama facility.
- 10/5/92 All additional soil and debris has been removed from site for proper disposal at CWM hazardous waste incinerator. A total of 556.4 was treated and properly disposed at the Port Arthur facility.
- 10/12/92 H<sub>2</sub>O Environmental, Inc. installed five piezometers for groundwater flow determination at the facility.
- 10/15/92 Top of casing elevations of MW-1 through 4, P-1 and PZ-1 through 5 and a full round of liquid levels were measured by H<sub>2</sub>O Environmental, Inc.
- 11/19/92 A full round of liquid levels measured by H<sub>2</sub>O Environmental, Inc.
- 1993 The new warehouse was constructed for storage and distribution.
- 3/93 Hillsborough County Environmental Protection Commission (HCEPC) requests additional sampling from 4/90 UST Closure. ACT conducts sampling. HCEPC issues letter dated 3/29/93 approving "No Further Assessment" status for former UST area.
- 4/26/93 Preliminary Contamination Assessment Plan for Former Above Ground Storage Tank Area submitted to FDEP by The Upjohn Company.
- 6/7/93 The Upjohn Company submits the Contamination Assessment Plan and Quality Assurance Project Plan (CAP/QAPP) to the FDEP.
- 6/16/93 FDEP letter commenting on the PCAP sent to The Upjohn Company.
- 7/30/93 The FDEP letter commenting on the QAPP sent to The Upjohn Company. The QAPP was granted approval pending status.
- 8/30/93 The Upjohn Company submits the QAPP revisions to the FDEP.
- 9/2/93 FDEP letter commenting on the PCAP, CAP and QAPP sent to The Upjohn Company.
- 10/1/93 H<sub>2</sub>O Environmental, Inc. submits the PCAP Addendum II to the FDEP on behalf of The Upjohn Company.
- 10/7/93 FDEP approves the PCAP and its Addenda.

- 11/8-9/93 H<sub>2</sub>O Environmental, Inc. implemented PCAP including the installation of MW-1A, MW-12, MW-15, MW-16, MW-19; the abandonment of MW-1; the collection of soil samples UJ-Soil-6C, 9C, 10C, 10E, 11E, 15C, 16C, 16E; 28A, 29B, 30E, 31F, 32D, 33E, 34E, 35E, 36E, 37E, 43C, 44C, 45C AND 46C. All samples field screened with an OVA/FID and submitted for laboratory analysis of select parameters.
- 11/12/93 H<sub>2</sub>O Environmental, Inc. obtained a full round of liquid level measurements and sampled groundwater from MW-1A, MW-2, MW-3, MW-4, MW-12, MW-15, MW-16, MW-19 and PS-1 for laboratory analysis of select parameters. All samples field analyzed for pH, conductivity, turbidity, dissolved oxygen, and temperature.
- 11/29/93 FDEP approves the CAP, CAP Addendum and QAPP.
- 12/14/93 Top of casing survey performed by Simmons and Beall Land Surveyors. Liquid level measurements recorded by H<sub>2</sub>O personnel.
- 12/16-20/93 Laidlaw Environmental Services, Inc. installed deeper wells DW-17 and DW-18 under the supervision of H<sub>2</sub>O personnel. Shelby tube samples collected from 14 - 16' BLS for hydraulic conductivity, grain size, and porosity analysis by Law Engineering. UJ-Soil 42-C and DW-17 (24' - 25') and DW-18 (27' - 28') sediment samples collected for analysis by EPA Methods 8080/8240. Soil samples LP-1 through LP-7 collected for analysis of select parameters subsequent to lechate extraction procedures. Samples from continuous split spoons field analyzed by OVA/FID.
- 12/21/93 Full round of liquid levels measured and groundwater from MW's 1A, 2, 3, 4, 5, 12, 15, 16, 19; DW-17, 18; and PS-1 sampled for laboratory analysis of select unfiltered/filtered parameters. Field analysis of pH, conductivity, turbidity, dissolved oxygen and temperature.
- 1/14/94 The Upjohn Company submits the PCAR to the FDEP.
- 1/17-18/94 H<sub>2</sub>O Environmental, Inc. implemented the CAP including the installation of monitor wells MW-7, MW-8, MW-9, MW-10, MW-11, MW-13, and MW-14; collection of UJ-Soil-1C, 2C, 3C, 4C, 5C, 7C, 8C, 12D, 13D, 14D, 17A, 18A, 19A, 20C, 21C, 25E, 26E, 27C, 38C, 39C, 40A, 41A, 47C; UJ-SED-1A, 2F, 3A, 4A, 5A; all samples field screened with OVA/FID and submitted for laboratory analysis of select parameters.
- 1/19-20/94 Laidlaw properly abandoned 3" x 60' Miller Building well. Prior to abandonment, groundwater sampled for analysis by EPA Methods 602, 504.1, and for Cr, Sb.
- 1/20-21/94 H<sub>2</sub>O sampled groundwater from MW's 3, 4, 8, 9, 10, 11, 12, 13, 14, 15, 16, DW-17, DW-18, and MW-19 for laboratory analysis of select parameters. Field analysis of pH, conductivity, turbidity, dissolved oxygen and temperature.
- 2/15/94 FDEP letter commenting on the PCAR sent to The Upjohn Company.
- 2/25/94 Top of casing survey performed by Simmons and Beall. H<sub>2</sub>O collected a full round of liquid level measurements and sampled groundwater from MW-3 AND DW-18 for EDB analysis; MW-13 for Pb analysis and surface water at the UJ-SW-1 location for filtered/unfiltered Pb and endosulfan analysis.
- 3/9/94 H<sub>2</sub>O personnel conducted hydraulic conductivity slug tests utilizing MW-4, MW-12, MW-13, MW-15, MW-19 and DW-17 as the test wells.
- 3/18/94 The Upjohn Company submits the PCAR Addendum to the FDEP.

- 4/19/94 A total of thirty-six 55 gallon drums containing drill cuttings/soil debris and twenty-seven 55 gallon drums containing groundwater removed from the site and shipped to The Upjohn Company facility in Kalamazoo, Michigan for treatment and subsequent disposal.
- 5/23/94 H<sub>2</sub>O Environmental, Inc. submits QAPP Addendum to the FDEP QAS.
- 6/13-14/94 H<sub>2</sub>O Environmental, Inc. collected samples UJ-Soil-48A, 49E, 50C, 51C, 52C, 53C, 54C, 55C, 56C, 57C, 58C, 59C, 60C, 61C, 62A, 63C, 64C, 65A, 66C, 67C, 68E, 69E, 70C and 71C. All samples field screened with an OVA/FID and submitted for laboratory analysis of select parameters.
- 6/14-28/94 Laidlaw, under the supervision of H<sub>2</sub>O Environmental installed MW's 20 through 31, DW-32 and DW-33. Shelby tube sample from DW-32 collected at 17' - 19' BLS for hydraulic conductivity, grain size, and porosity analysis by Law Engineering. Split spoon samples collected were field analyzed by OVA/FID.
- 6/15/94 The Upjohn Company submits a Development of Soil Cleanup Targets draft to the FDEP.
- 6/30-7/1/94 H<sub>2</sub>O Environmental personnel sampled groundwater from MW's 1A, 2, 4, 5, 19, 20 through 31 and DW-32, DW-33 for laboratory analysis of select parameters. All samples field analyzed for pH, conductivity, turbidity, dissolved oxygen and temperature.



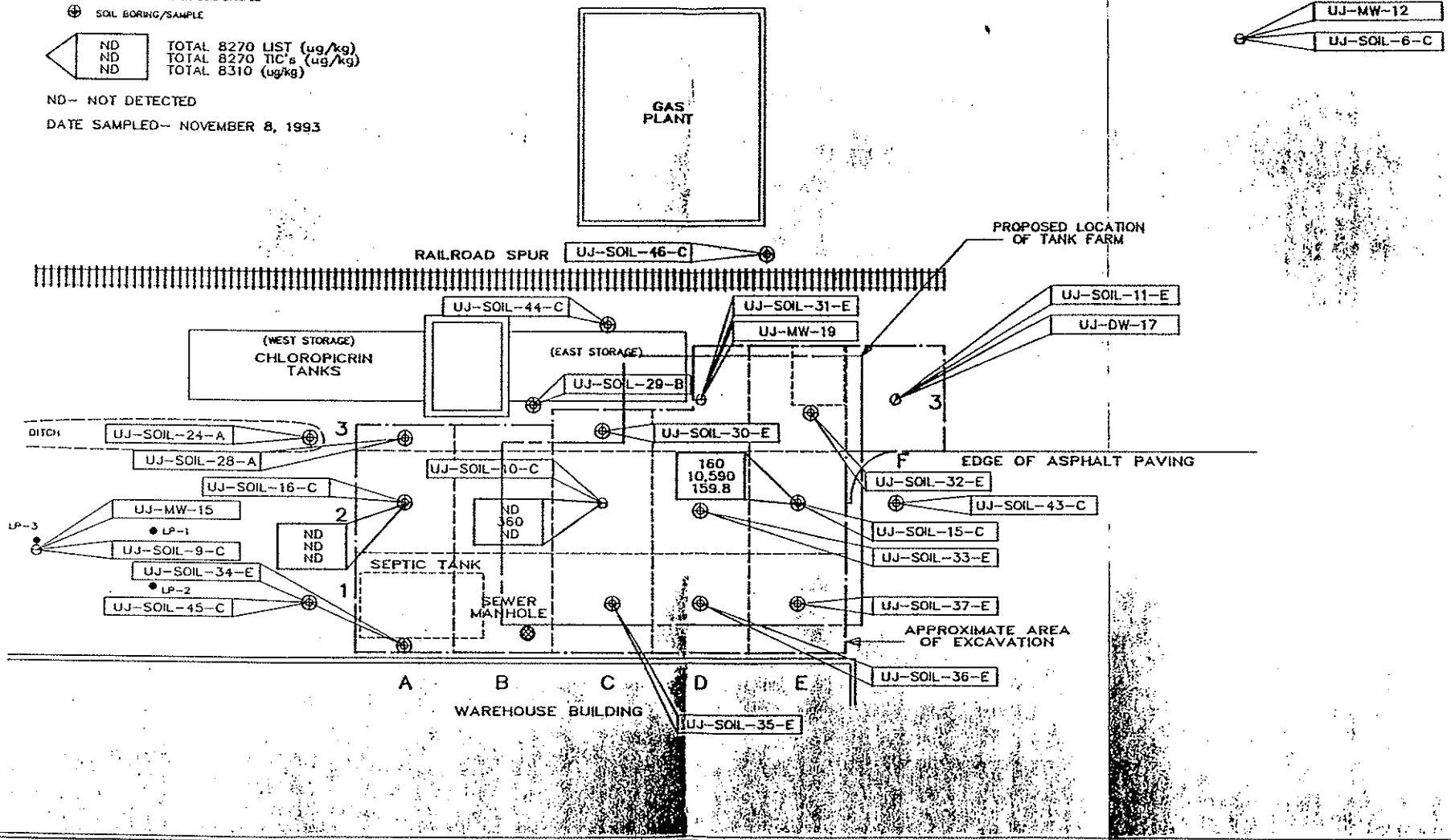
### SAMPLE LEGEND

- ⊕ MONITOR WELL WITH SOIL SAMPLE
- ⊙ DEEPER WELL WITH SOIL SAMPLE
- ⊕ SOIL BORING/SAMPLE

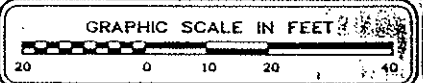


ND TOTAL 8270 LIST (ug/kg)  
 ND TOTAL 8270 TIC's (ug/kg)  
 ND TOTAL 8310 (ug/kg)

ND - NOT DETECTED  
 DATE SAMPLED - NOVEMBER 8, 1993



**H<sub>2</sub> ENVIRONMENTAL, INC.**  
 SCIENTISTS & ENGINEERS



PREPARED FOR:  
 The Former  
 CROGROW FLORIDA COMPANY

SITE ADDRESS:  
 4144 HIGHWAY #39 NORTH,  
 PLANT CITY, FLORIDA



DATE DRAWN:  
 3/6/94

DRAWN BY:  
 B.K.

FIGURE TITLE: **TOTAL DISTRIBUTION OF EPA METHOD 8270 AND 8310 DETECTED CONCENTRATIONS IN BACKFILL SOIL**

JOB NUMBER:  
 1142.2051

FIGURE No.:  
 6

**SAMPLE LEGEND**

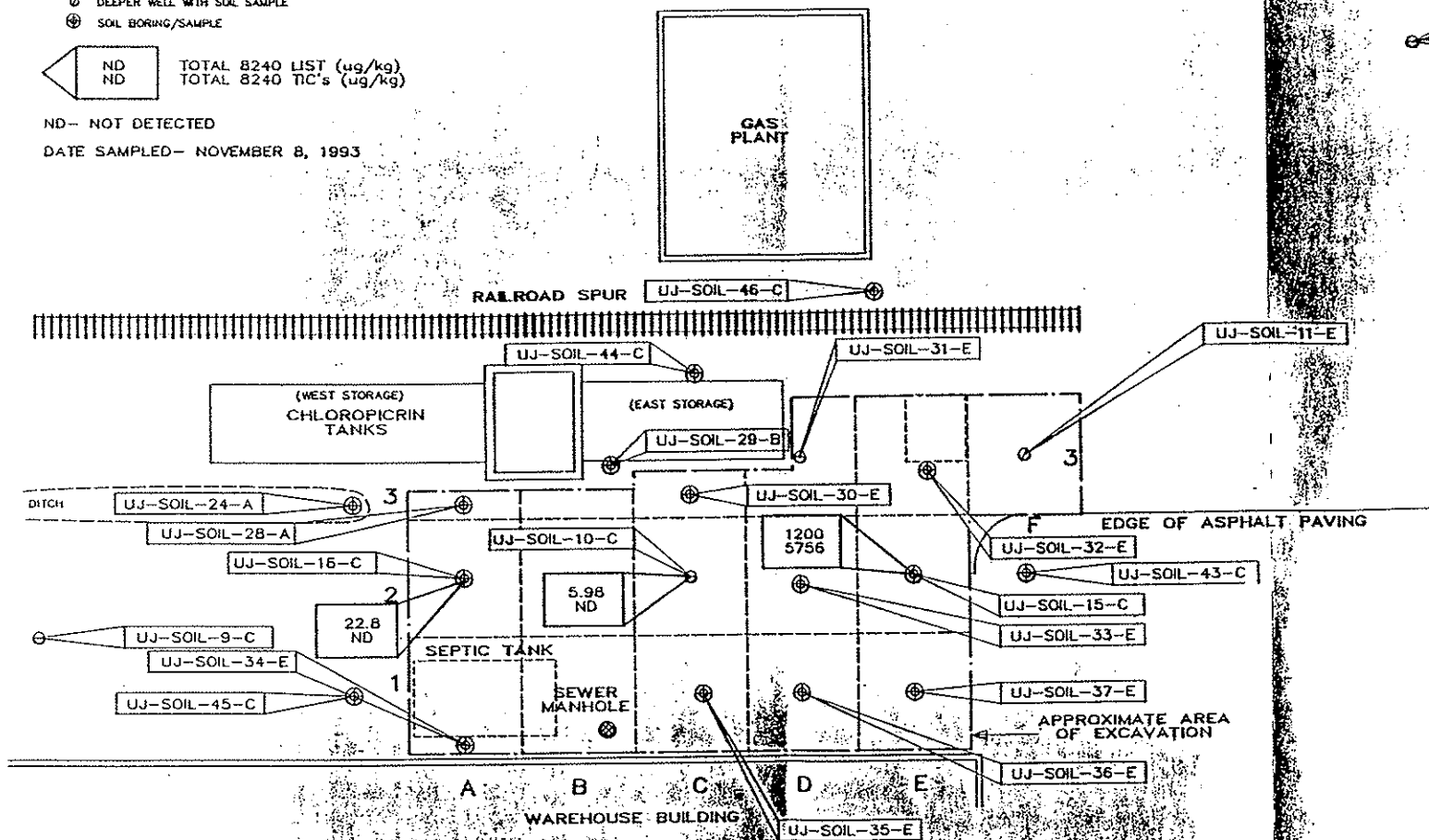
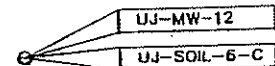
- ⊕ MONITOR WELL WITH SOIL SAMPLE
- ⊙ DEEPER WELL WITH SOIL SAMPLE
- ⊕ SOIL BORING/SAMPLE



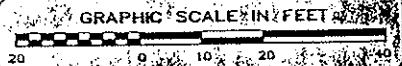
TOTAL 8240 LIST (ug/kg)  
TOTAL 8240 TIC's (ug/kg)

ND- NOT DETECTED

DATE SAMPLED- NOVEMBER 8, 1993



**H<sub>2</sub> ENVIRONMENTAL, INC.**  
SCIENTISTS & ENGINEERS



PREPARED FOR:  
The Former  
GROW FLORIDA COMPANY

SITE ADDRESS:  
4144 HIGHWAY #39 NORTH  
PLANT CITY, FLORIDA



DATE DRAWN:  
3/6/94

DRAWN BY:  
B.K.

JOB NUMBER:  
1142.2051

FIGURE No.:  
7

FIGURE TITLE: **TOTAL DISTRIBUTION OF EPA METHOD 8240 DETECTED CONCENTRATIONS IN BACKFILL SOIL**

**SAMPLE LEGEND**

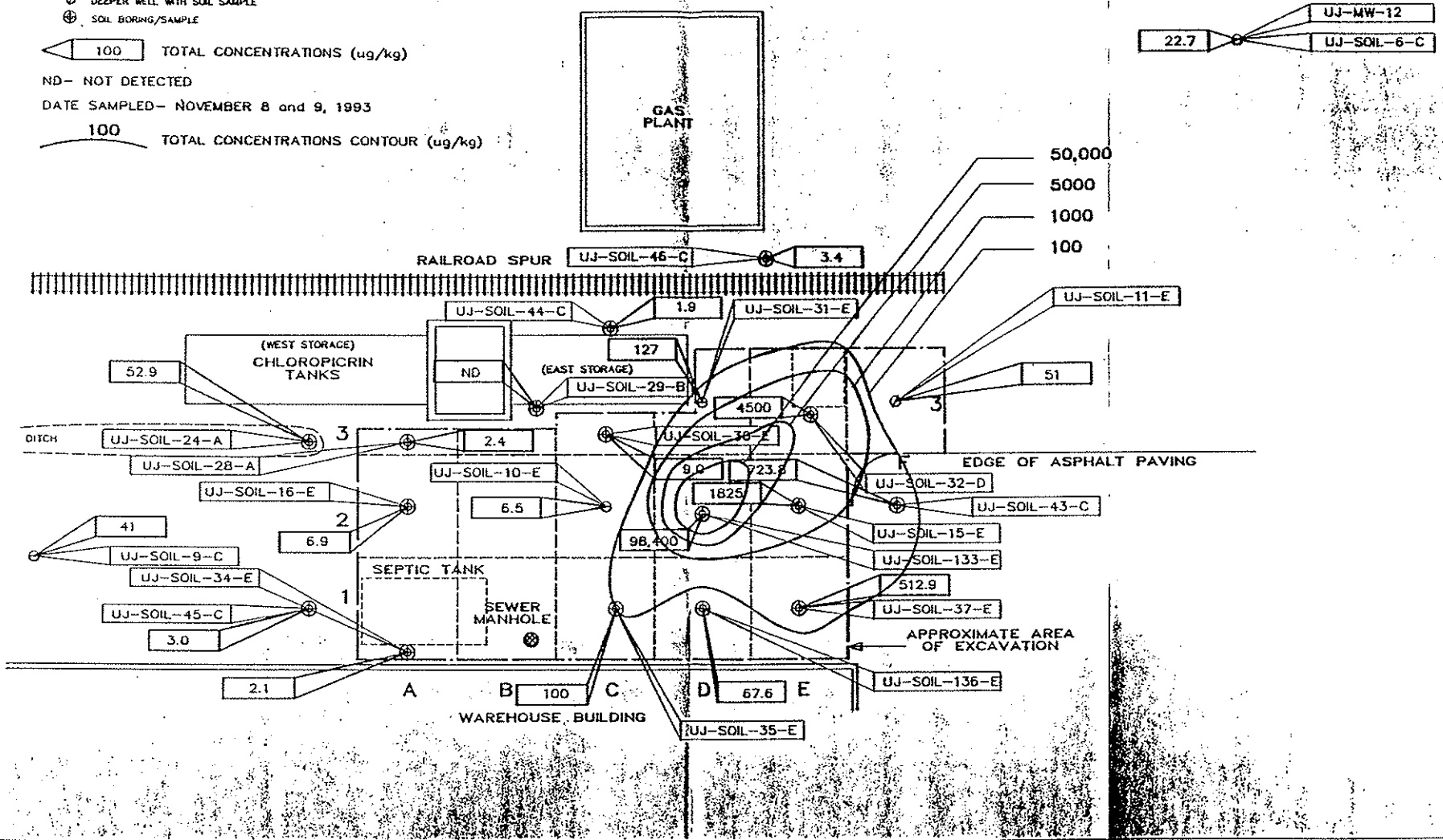
- ⊕ MONITOR WELL WITH SOIL SAMPLE
- ⊙ DEEPER WELL WITH SOIL SAMPLE
- ⊗ SOIL BORING/SAMPLE

◀ 100 TOTAL CONCENTRATIONS (ug/kg)

ND- NOT DETECTED

DATE SAMPLED- NOVEMBER 8 and 9, 1993

100 TOTAL CONCENTRATIONS CONTOUR (ug/kg)



**H<sub>2</sub> ENVIRONMENTAL, INC.**  
SCIENTISTS & ENGINEERS

GRAPHIC SCALE IN FEET

PREPARED FOR:  
The Former  
ASCROW FLORIDA COMPANY

SITE ADDRESS:  
4144 HIGHWAY 139 NORTH  
PLANT CITY, FLORIDA



DATE DRAWN:  
3/6/94

DRAWN BY:  
B.K.

JOB NUMBER:  
1142.2051

FIGURE No.:  
8

FIGURE TITLE: **TOTAL DISTRIBUTION OF DETECTED EPA METHOD 8240 LIST CONSTITUENTS IN SOILS NOT EXCAVATED**

**SAMPLE LEGEND**

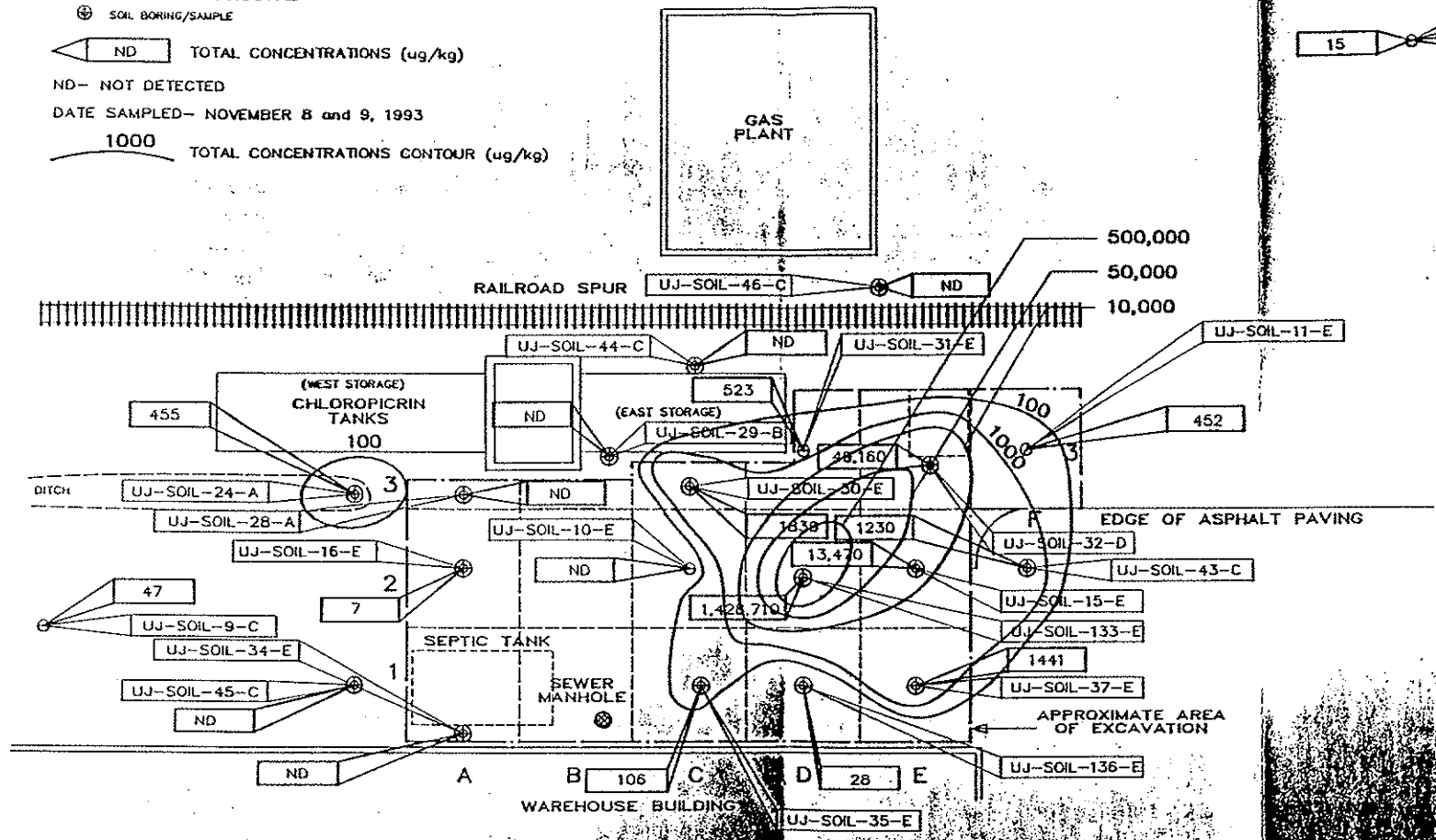
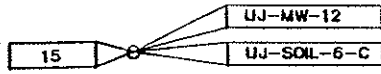
- ⊕ MONITOR WELL WITH SOIL SAMPLE
- ⊙ DEEPER WELL WITH SOIL SAMPLE
- ⊕ SOIL BORING/SAMPLE

ND TOTAL CONCENTRATIONS (ug/kg)

ND- NOT DETECTED

DATE SAMPLED- NOVEMBER 8 and 9, 1993

1000 TOTAL CONCENTRATIONS CONTOUR (ug/kg)



**M2 ENVIRONMENTAL, INC.**  
SCIENTISTS & ENGINEERS

GRAPHIC SCALE IN FEET

PREPARED FOR:  
The Former  
GROW FLORIDA COMPANY

SITE ADDRESS:  
1144 HIGHWAY 739 NORTH  
PLANT CITY, FLORIDA



DATE DRAWN: 5/15/94  
DRAWN BY: B.K.  
SCALE: 1/2" = 1'-0"

FIGURE TITLE: TOTAL DISTRIBUTION OF DETECTED EPA METHOD 8240 TENTATIVE IDENTIFIED COMPOUNDS IN SOILS NOT EXCAVATED

**SAMPLE LEGEND**

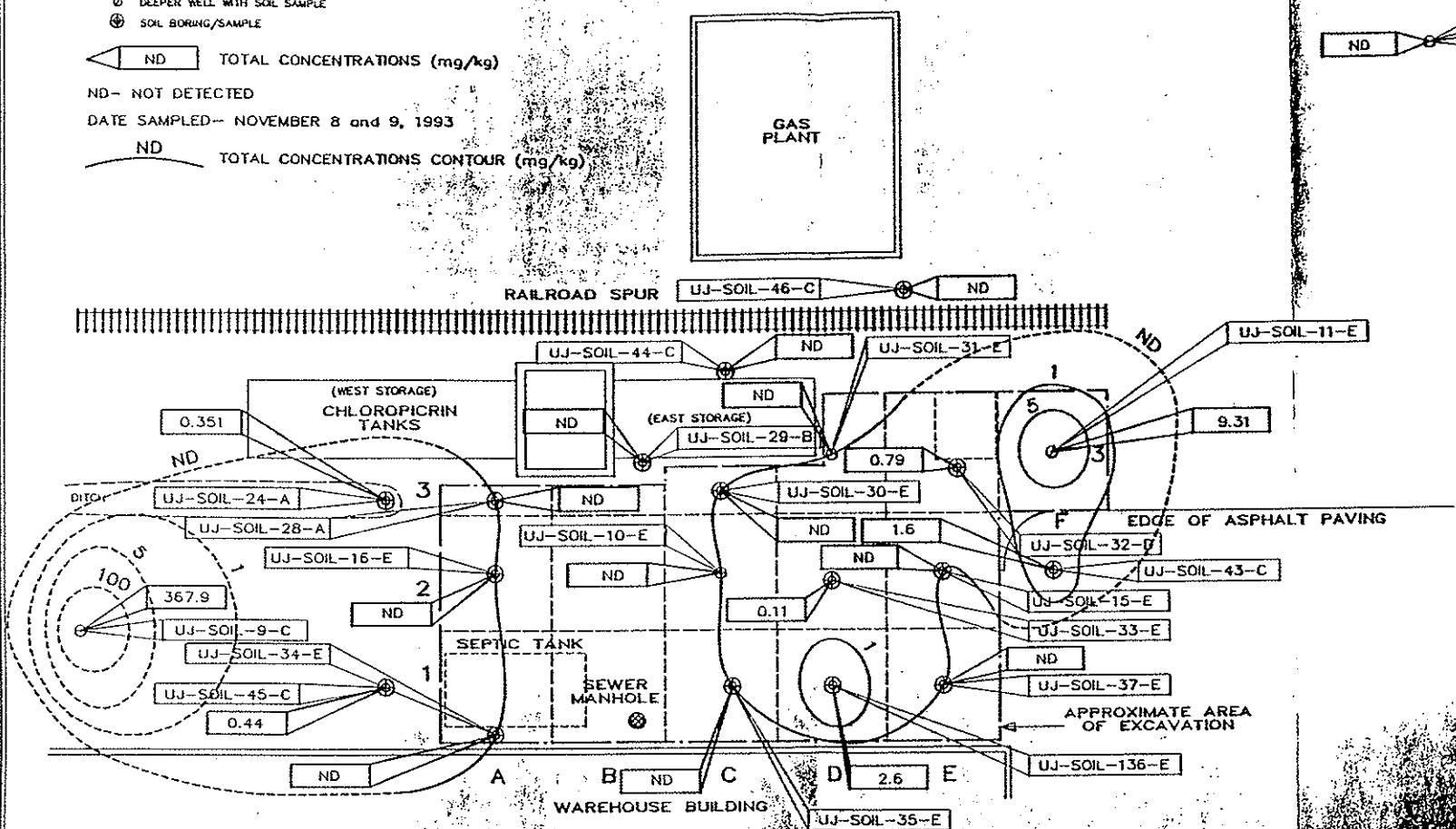
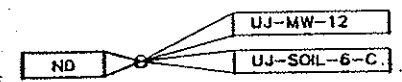
- ⊖ MONITOR WELL WITH SOIL SAMPLE
- ⊕ DEEPER WELL WITH SOIL SAMPLE
- ⊗ SOIL BORING/SAMPLE

◀ ND TOTAL CONCENTRATIONS (mg/kg)

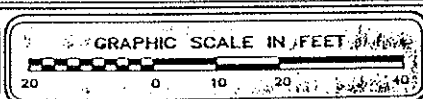
ND- NOT DETECTED

DATE SAMPLED-- NOVEMBER 8 and 9, 1993

ND TOTAL CONCENTRATIONS CONTOUR (mg/kg)



**H<sub>2</sub>O ENVIRONMENTAL, INC.**  
SCIENTISTS & ENGINEERS



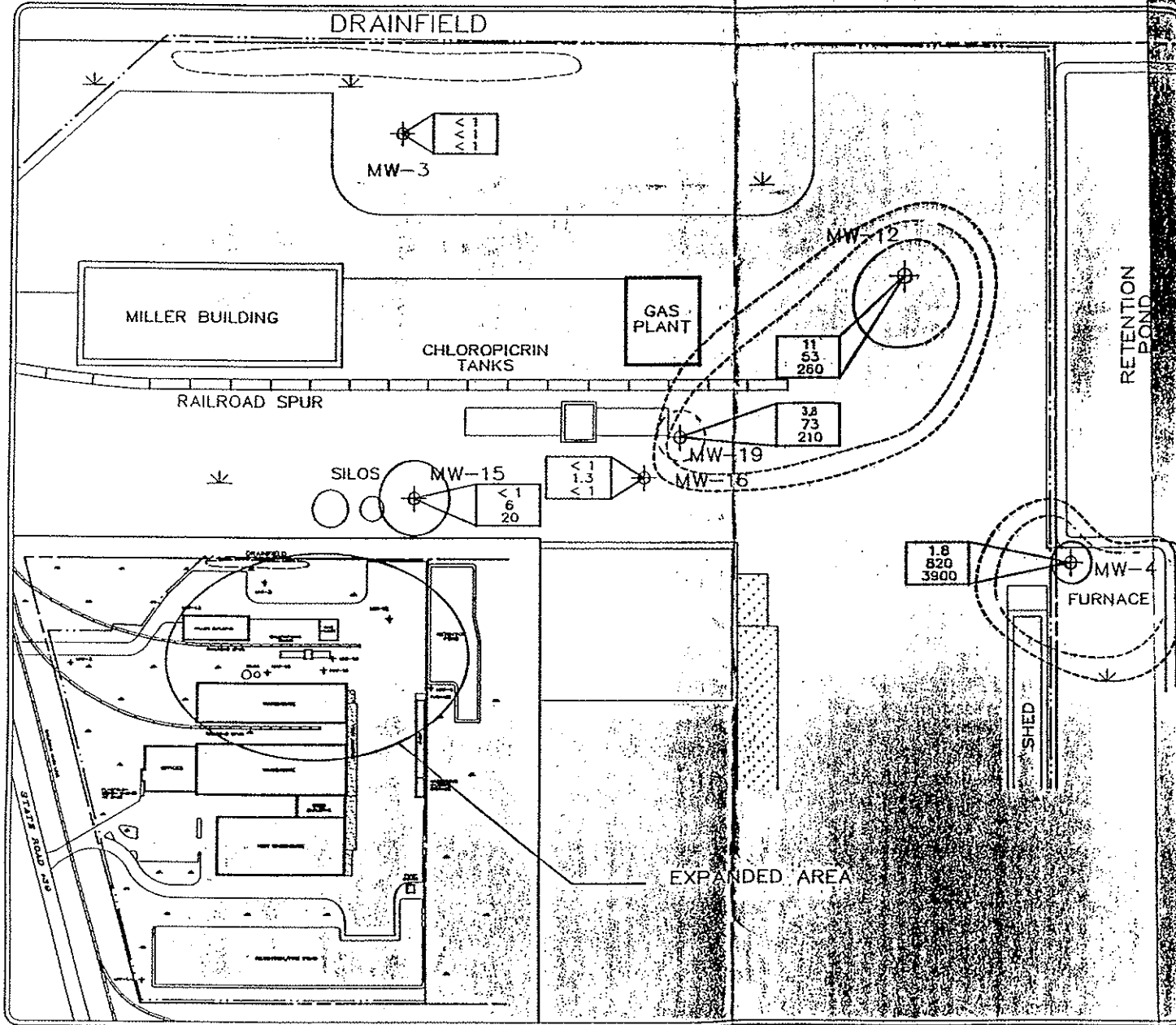
PREPARED FOR:  
The Former  
ASGROW FLORIDA COMPANY

SITE ADDRESS:  
144 HIGHWAY 39 NORTH  
PLANT CITY, FLORIDA



3/6/94

FIGURE TITLE: **TOTAL DISTRIBUTION OF DETECTED EPA METHOD 8080 CONSTITUENTS IN SOIL NOT EXCAVATED**



**LEGEND and NOTES**

ASPHALT PAVING

CONCRETE PAVING

GRASS/LANDSCAPED

PROPERTY LINE

FENCE LINE

MONITOR WELL

BENZENE CONCENTRATIONS (ug/l)  
 ETHYL BENZENE CONCENTRATIONS (ug/l)  
 TOTAL XYLENES CONCENTRATIONS (ug/l)

20 TOTAL XYLENES CONTOUR (ug/l)

30 ETHYL BENZENE CONTOUR (ug/l)

1.0 BENZENE CONTOUR (ug/l)

-SAMPLE DATES-

NOVEMBER 12, 1993  
 DECEMBER 21 AND 22, 1993  
 JANUARY 21, 1994

**HI 2 ENVIRONMENTAL, INC.**  
 SCIENTISTS & ENGINEERS

PREPARED FOR:  
**The Former  
 ASGROW FLORIDA COMPANY**

SITE ADDRESS:  
 4144 HIGHWAY #39 NORTH,  
 PLANT CITY, FLORIDA

FIGURE TITLE:  
**BENZENE, ETHYL BENZENE, AND  
 TOTAL XYLENES DISTRIBUTION  
 IN GROUNDWATER**

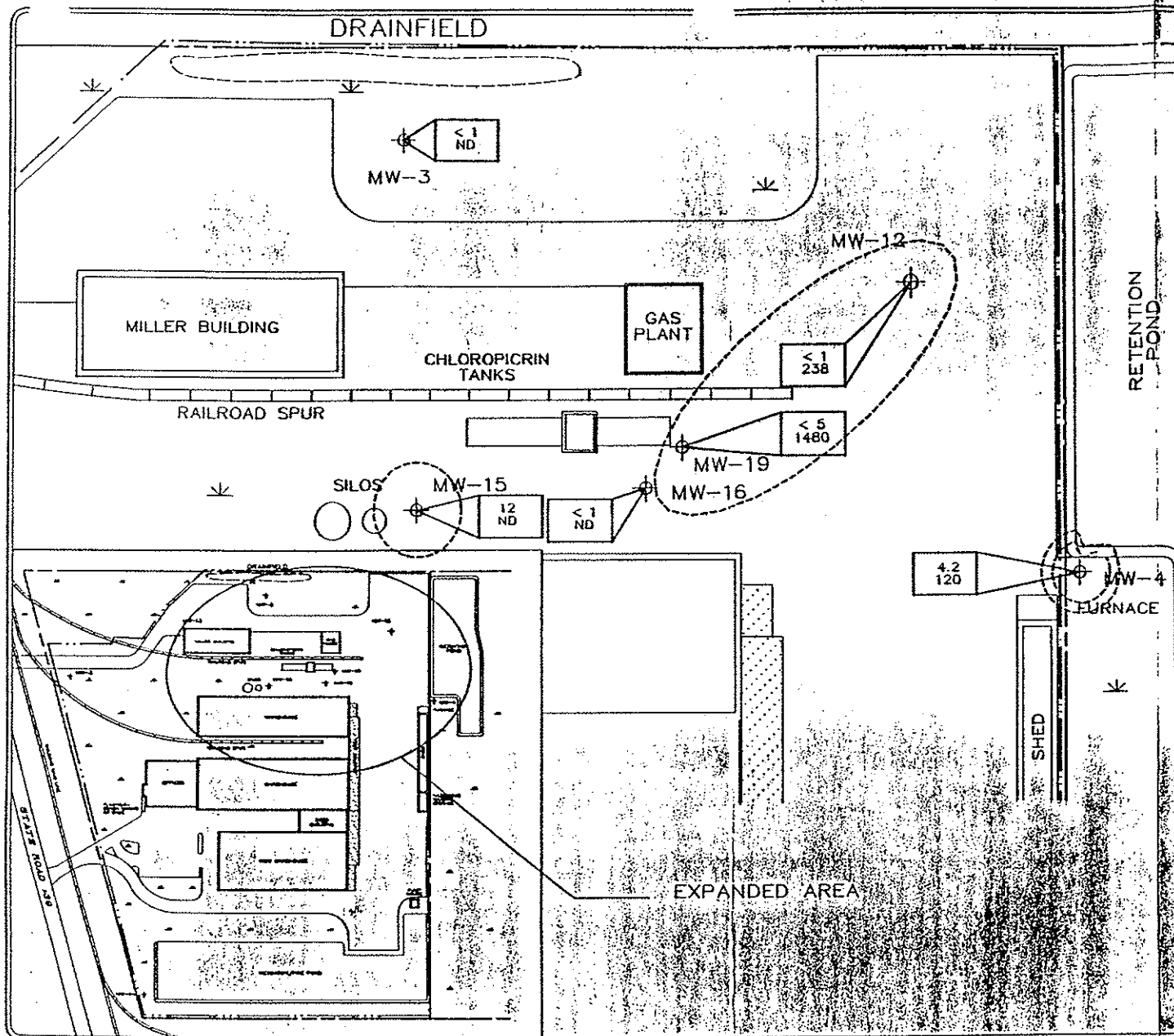


DATE DRAWN:  
 3/7/94

DRAWN BY:  
 B.K.

JOB NUMBER:  
 1142.2051

FIGURE No.:  
 11



**LEGEND and NOTES**

ASPHALT PAVING

CONCRETE PAVING

GRADES/LANDSCAPED

PROPERTY LINE

FENCE LINE

MONITOR WELL

< 1 ND  
1,2-DICHLOROETHANE CONCENTRATIONS (ug/l)

10  
TOTAL TRIMETHYLBENZENE CONTOUR (ug/l)

3  
1,2-DICHLOROETHANE CONTOUR (ug/l)

-SAMPLE DATES-

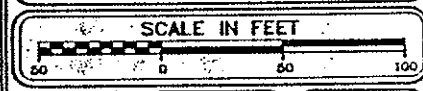
NOVEMBER 12, 1993  
DECEMBER 21 AND 22, 1993

**ENVIRONMENTAL, INC.**  
SCIENTISTS & ENGINEERS

PREPARED FOR:  
**The Former  
ASGROW FLORIDA COMPANY**

SITE ADDRESS:  
4144 HIGHWAY #39 NORTH,  
PLANT CITY, FLORIDA

FIGURE TITLE:  
**1,2-DICHLOROETHANE AND  
TRIMETHYLBENZENE DISTRIBUTION  
IN GROUNDWATER**



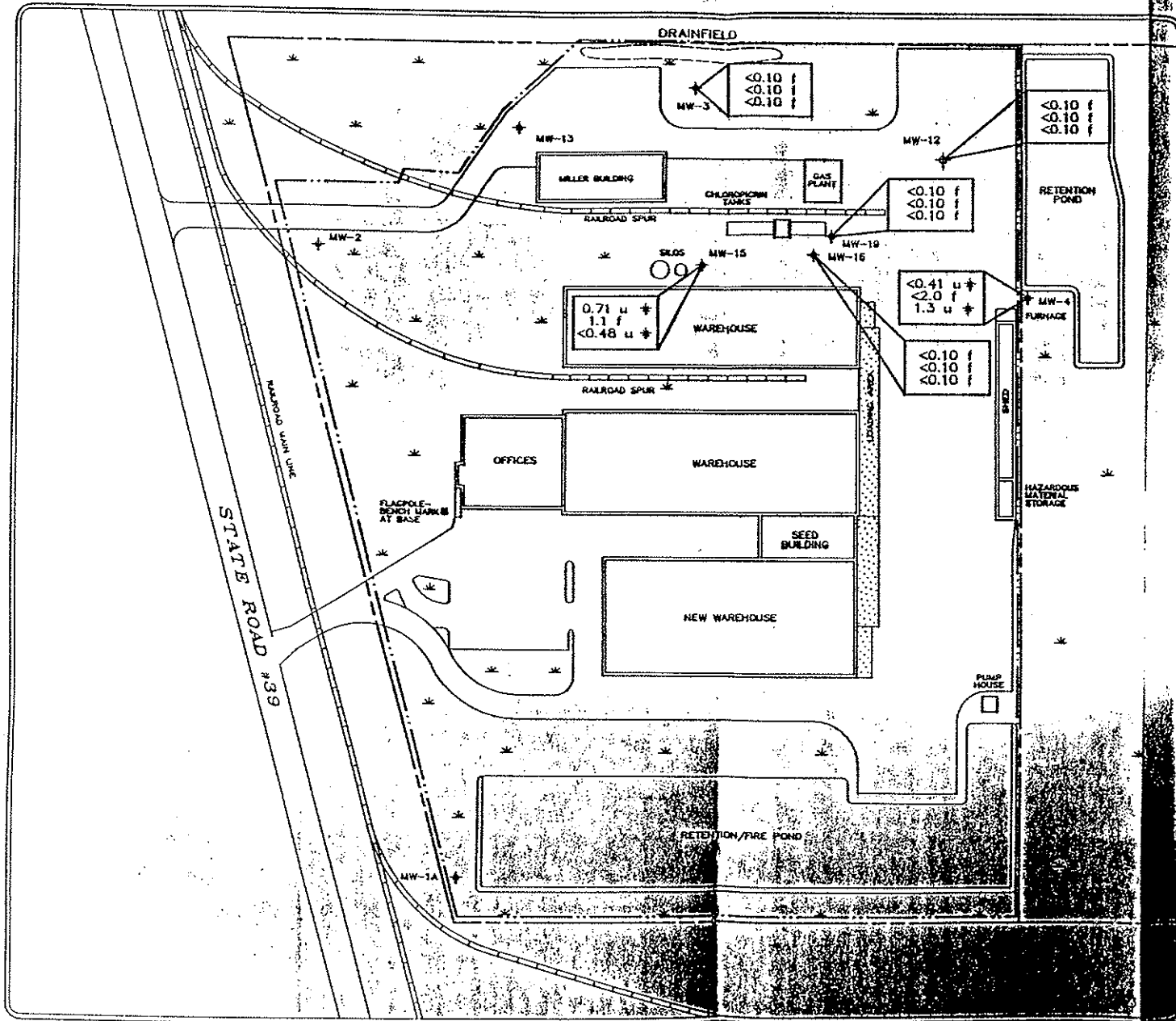
**NORTH**

DATE DRAWN:  
3/7/94

DRAWN BY:  
B.K.

JOB NUMBER:  
1142.2051

FIGURE No.:  
12



**LEGEND and NOTES**

- ASPHALT PAVING
- CONCRETE PAVING
- GRASS/LANDSCAPED
- PROPERTY LINE
- FENCE LINE

★ MONITOR WELL  
 ◀ DIELDRIN  
 ◀ ENDOSULFAN I & II  
 ◀ HEPTACHLOR

ALL CONCENTRATIONS MEASURED IN ug/l  
 -+ DENOTES UNFILTERED  
 -f DENOTES FILTERED

DATE SAMPLED - NOVEMBER 12, 1993 +  
 ALL OTHERS - DECEMBER 21 and 22, 1993

**ENVIRONMENTAL, INC.**  
 SCIENTISTS & ENGINEERS

PREPARED FOR:  
**The Former**  
**ASGROW FLORIDA COMPANY**

SITE ADDRESS:  
 4144 HIGHWAY #39 (NORTH)  
 EXPANDED PLANT CITY, FLORIDA

FIGURE TITLE:  
**DISTRIBUTION OF DIELDRIN,  
 ENDOSULFAN I & II, AND  
 HEPTACHLOR IN GROUNDWATER**

SCALE IN FEET





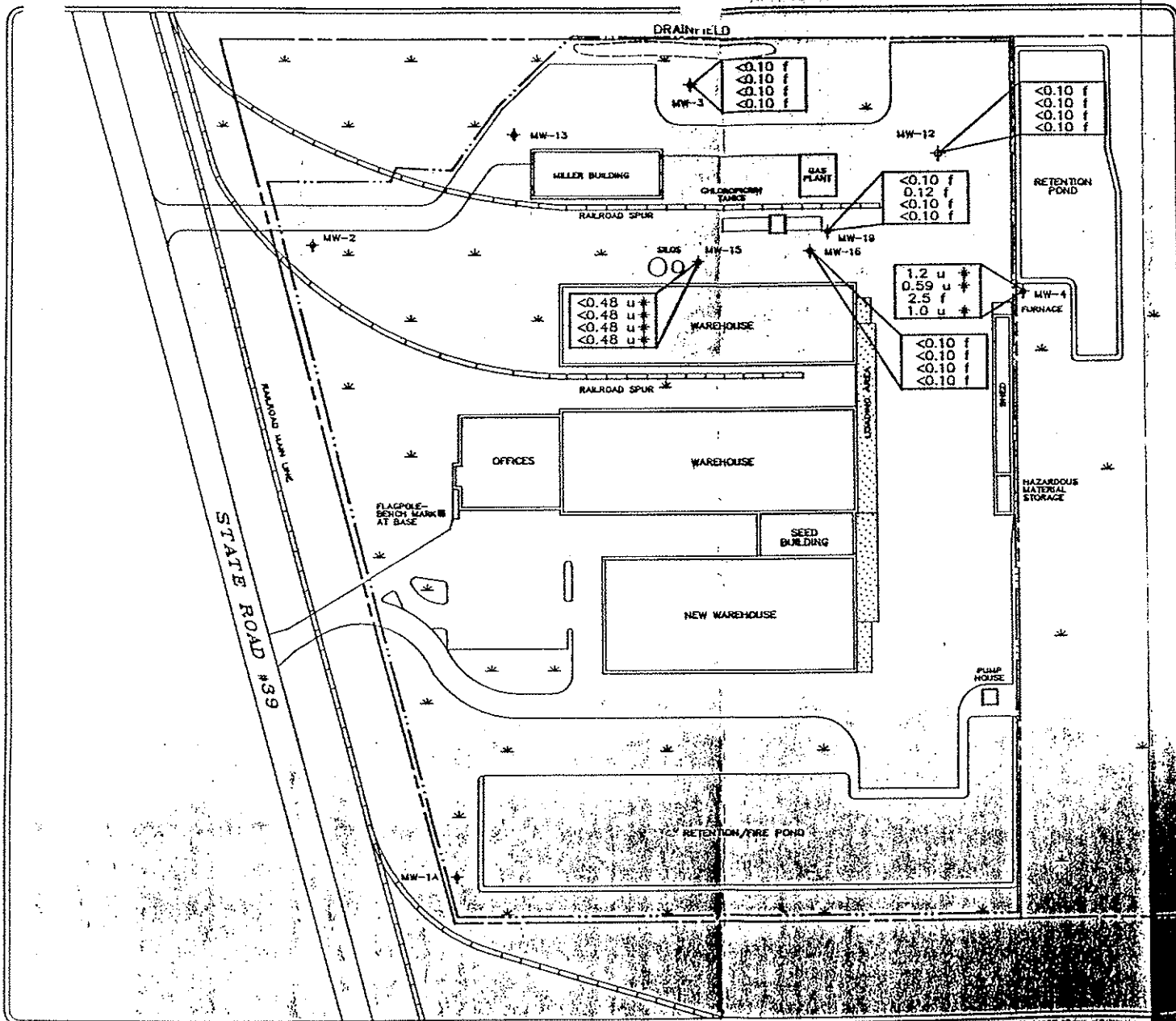
**LEGEND and NOTES**

- ASPHALT PAVING
- CONCRETE PAVING
- GRASS/LANDSCAPED
- PROPERTY LINE
- FENCE LINE

MONITOR WELL

- ALDRIN
  - A-BHC
  - B-BHC
  - G-BHC
- ALL CONCENTRATIONS MEASURED IN ug/l  
 -u- DENOTES UNFILTERED  
 -f- DENOTES FILTERED

DATE SAMPLED - NOVEMBER 12, 1993  
 ALL OTHERS - NOVEMBER 21 and 22, 1993



**E2 ENVIRONMENTAL, INC.**  
 SCIENTISTS & ENGINEERS

PREPARED FOR:  
**The Former ASGROW FLORIDA COMPANY**

SITE ADDRESS:  
 1144 HIGHWAY #39 NORTH,  
 PLANT CITY, FLORIDA

FIGURE TITLE:  
**DISTRIBUTION OF ALDRIN, A-BHC, B-BHC, AND G-BHC IN GROUNDWATER**



DATE DRAWN:  
 3/7/94

DRAWN BY:  
 B.K.

JOB NUMBER:  
 1142.2051

FIGURE No.:  
 14

TABLE 1

Summary of Detected Constituents in Soil  
EPA Methods 8240 and 8270

Preliminary Contamination Assessment  
Former Asgrow Florida Company  
4144 Highway 39 South  
Plant City, Hillsborough County, Florida

H2O Environmental, Inc.

PARAMETER (ug/kg)	Sample I.D. UJ-Soil	8-C	9-C	10-C	10-E	11-E	15-C	15-E	115-E(1)	16-C	16-E	24-A	28-A	28-B
	Sample Date	11/09/93	11/08/93	11/08/93	11/08/93	11/09/93	11/08/93	11/08/93	11/08/93	11/08/93	11/08/93	11/08/93	11/08/93	11/08/93
Methylene Chloride		5.7	7.0 B	5.9 B	6.5 B	ND	ND	ND	ND	5.8	6.9 B	6.6 J B	2.4 J	ND
Xylenes Total		17	ND	ND	ND	61	1,200	1,800	1,600 E	17	ND	6.3 J	ND	ND
Acetone		ND	34 J	ND	ND	ND	ND	ND	ND	ND	ND	42 J	ND	ND
Ethyl Benzene		ND	ND	ND	ND	ND	ND	26	32	ND	ND	ND	ND	ND
Trimethyl Benzenes (Total)		15	ND	ND	ND	226 J	2200/2600	5240/4000	2700/17000	ND	ND	247	ND	ND
Chlordane (Total Cis/Trans)		--	25,600	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--
Chlordane (Total alpha/beta)		--	8,000	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--
4,4'-Dichlorobenzophenone		--	2,500	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--
4-Ethyl-1,2-Dimethyl Benzene		ND	ND	ND	ND	ND	ND	ND	ND/380	ND	ND	ND	ND	ND
4-(1,1,3,3-Tetramethylbutyl) Phenol		--	ND	ND	ND	ND	ND	ND	ND/360	ND	ND	ND	--	--
Diethyl Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(1-Methylethyl) Benzene		ND	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Diethyl Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Methyl-4-Methylene-Bicyclo (3.2.1) OCT-2-ene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Ethyl-2,3-Dimethyl Benzene		ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND
Indane		ND	ND	ND	ND	ND	220	ND/690	ND/810	ND	ND	ND	ND	ND
1,2-Dimethyl Benzene		ND	ND	ND	ND	ND	ND	1500/ND	ND/8000	ND	ND	ND	ND	ND
1-Methyl-2-(1-Methylethyl) Benzene		ND	ND	ND	ND	ND	ND	340	39	ND	ND	ND	ND	ND
2-Ethyl-1,4-Dimethyl Benzene		ND	ND	ND	ND	ND	ND	150	120	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND
1-Ethyl-3-Methyl Benzene		ND	ND	ND	ND	ND	430/1900	870/1700	ND	ND	ND	ND	ND	ND
2-Propenyl Benzene		ND	ND	ND	ND	ND	ND/890	410	140	ND	ND	13	ND	ND
1-Methyl-3-Propyl Benzene		ND	ND	ND	ND	ND	96/1000	280/600	ND	ND	ND	ND	ND	ND
1-Methyl-4-(1-Methylethyl)-Benzene		ND	ND	ND	ND	ND	ND/1000	ND/740	64	ND	ND	ND	ND	ND
Propyl Benzene		ND	ND	ND	ND	29	180	480/1000	240/1300	ND	ND	ND	ND	ND
2-Propyl Benzene		ND	ND	ND	ND	ND	ND	ND/740	ND	ND	ND	ND	ND	ND

**Summary of Hydraulic Conductivity Tests**

Former Asgrow Florida Company  
4144 Highway 39 North  
Plant City, Hillsborough County, Florida

H<sub>2</sub>O Environmental, Inc.

**Shallow Wells - Horizontal Hydraulic Conductivity Testing Results:**

MW	Diameter (ft)	Saturated Length (ft)	Depth To Water (ft)	Hydraulic Conductivity, K, (ft/day)	Specific Storage (sy)
4	0.167	12.70	2.64	0.21	0.107
12	0.167	8.72	1.28	2.75	0.209
13	0.167	9.25	1.65	2.93	0.193
15	0.167	8.05	2.01	3.93	0.220
19	0.167	8.78	1.15	<u>1.95</u>	<u>0.136</u>
			Average:	2.35	0.173

**Deep Well - Horizontal Hydraulic Conductivity Testing Results:**

MW	Diameter (ft)	Saturated Length (ft)	Depth To Water (ft)	Hydraulic Conductivity, k, (ft/day)	Specific Storage (sy)
17	0.167	32.18	13.65	4.99	0.430



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

298624881

December 15, 1994

Sheila Lang, Manager  
Regulatory Affairs  
Terra International, Inc.  
6 Mistflower Place  
The Woodlands, Texas 77381

REC'D

DEC 16 1994

RE: Former Asgrow Florida Site  
4144 U.S. Highway 39 North  
Plant City, Hillsborough County  
Stipulated Agreement No. 94-3161

ENV. PROT. COMM.  
OF H.C.

Dear Ms. Lang:

Enclosed please find the executed Stipulated Agreement Number 94-3161. Please note that the effective date of the Stipulated Agreement is December 15, 1994.

You may contact me at (813) 744-6100 extension 370 if you have any questions or would like to discuss this further.

Sincerely,

Sandra Tippin  
Environmental Specialist III  
Division of Waste Management

st

Enclosure

cc: David Thulman, OGC  
Michelle Dean, BWC  
Ligia Mora-Applegate, BWC  
Tom Conrardy, BWC  
Kurt Gildemiester, H2O Environmental  
Russ Downey, Upjohn Company  
Mike McDaniels, EPC

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT	:	IN THE OFFICE OF THE
OF ENVIRONMENTAL PROTECTION,	:	SOUTHWEST DISTRICT
	:	
Complainant,	:	OGC CASE NO. 94-3161
	:	
vs.	:	
	:	
TERRA INTERNATIONAL, INC.	:	
d/b/a TERRA ASGROW FLORIDA,	:	
	:	
Respondent.	:	
<hr/>		

STIPULATED AGREEMENT

This Stipulated Agreement is entered into between the State of Florida Department of Environmental Protection ("Department") and Terra International, Inc. doing business as Terra Asgrow Florida ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and the Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to control and prohibit pollution of air and water in accordance with Chapters 403 and 376, Florida Statutes, and rules promulgated thereunder in Florida Administrative Code Title 62. The Department has jurisdiction over the matters addressed in this Stipulated Agreement.

2. Respondent is a corporation doing business in the State of Florida and is a person within the meaning of Section 403.031(5), Florida Statutes.

3. Respondent is the owner of 14 acres of property ("property") located approximately two miles north of Plant City at 4144 Highway 39 North, Plant City, Hillsborough County, Florida. Respondent owns and operates a warehouse distribution and pesticide formulation facility on the property. Respondent purchased the property and warehouse distribution and pesticide formulation facility from the Upjohn Company on December 31, 1993. The Upjohn Company is in the process of completing the activities described in the document entitled "Corrective Actions for Contamination Site Cases", due to the detection of pesticide and volatile organic compounds in the soil and ground water at the property.

Therefore, having reached a resolution of the matter, pursuant to Florida Administrative Code Rule 62-103.110(3), the Department and the Respondent mutually agree and it is,

ORDERED:

4. Respondent shall allow all authorized representatives of The Upjohn Company access to the property at reasonable times for the purpose of implementing the corrective actions as set forth in the document entitled "Corrective Actions for Contamination Site Cases"

5. Respondent agrees to pay to the Department stipulated penalties in the amount of \$500 per day for each

and every day Respondent fails to timely comply with any of the requirements of this Stipulated Agreement. A separate stipulated penalty may be assessed for each violation of this Stipulated Agreement. Within 30 days of written demand from the Department, Respondent shall make payment of the appropriate stipulated penalties to "The Department of Environmental Protection" by cashier's check or money order and shall include thereon the OGC number assigned to this Stipulated Agreement and the notation "Pollution Recovery Fund". Payment shall be sent via certified mail to the Administrator, Division of Waste Management, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. The Department may make demands for payment at any time after a violation occurs. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce the terms of this Stipulated Agreement. If the Department is required to file a lawsuit to recover stipulated penalties under this paragraph, the Department will not be foreclosed from seeking civil penalties for violation of this Stipulated Agreement in an amount greater than the stipulated penalties due under this paragraph.

6. Within 30 days of the effective date of this Order, Respondent shall post warning signs at all areas involved in this investigation in accordance with the requirements of Chapter 62-736, Florida Administrative Code. Written notification verifying the posting of the warning

signs shall be provided to the Department within 14 days of posting the warning signs.

7. Respondent shall publish the following notice in a newspaper of daily circulation in Hillsborough County, Florida. The notice shall be published one time only within 14 days of the effective date of this Stipulated Agreement. Proof of publication shall be submitted to the Department within 30 days of the effective date of this Stipulated Agreement.

State of Florida Department of Environmental Protection  
Notice of Stipulated Agreement

The Department of Environmental Protection gives notice of agency action of entering into a Stipulated Agreement with Terra International, Inc. doing business as Terra Asgrow Florida pursuant to Florida Administrative Code Rule 62-103.110. The Stipulated Agreement addresses site access and Florida Administrative Code Chapter 62-736 at the former Asgrow Florida Facility located approximately two miles north of Plant City at 4144 Highway 39 North, Plant City, Hillsborough County, Florida.

The Stipulated Agreement is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Persons whose substantial interests are affected by this Stipulated Agreement have a right to petition for an administrative hearing on the Stipulated Agreement. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District office named above at the address indicated. Failure to file a petition within the 21 days constitutes a waiver of any right such person has to an



administrative hearing pursuant to Section 120.57, Florida Statutes.

The petition shall contain the following information: (a) the name, address, and telephone number of each petitioner; the Department's identification number for the Stipulated Agreement and the County in which the subject matter or activity is located; (b) A statement of how and when each petitioner received notice of the Stipulated Agreement; (c) A statement of how each petitioner's substantial interests are affected by the Stipulated Agreement; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Stipulated Agreement; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Stipulated Agreement; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wants the Department to take with respect to the Stipulated Agreement.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the subject Stipulated Agreement have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 21 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed.

8. Respondent waives its right to an administrative hearing afforded by Section 120.57, Florida Statutes, of the terms of this Stipulated Agreement. Respondent acknowledges its right to appeal the terms of this Stipulated Agreement pursuant to Section 120.68, Florida Statutes, but waives that right upon signing this Stipulated Agreement.

9. Nothing herein shall be construed to limit the authority of the Department to undertake any action against any Respondent in response to or to recover the costs of responding to conditions at or from the site that require Department action to abate an imminent hazard to the public health, welfare or the environment.

10. Entry of this Stipulated Agreement does not relieve Respondent of the need to comply with the applicable federal, state or local laws, regulations or ordinances.

11. The terms and conditions set forth in this Stipulated Agreement may be enforced in a court of competent jurisdiction pursuant to Sections 120.69 and 403.121, Florida Statutes. Failure to comply with the terms of this Stipulated Agreement shall constitute a violation of Section 403.161(1)(b), Florida Statutes.

12. Respondent is fully aware that a violation of the terms of this Stipulated Agreement may subject Respondent to judicial imposition of damages, civil penalties up to \$10,000 per offense and criminal penalties.

13. Respondent shall allow all authorized representatives of the Department access to the property at reasonable times for the purpose of determining compliance with the terms of this Stipulated Agreement and the rules of the Department.

14. The Department hereby expressly reserves the right to initiate appropriate legal action to prevent or prohibit any violations of applicable statutes or the rules promulgated thereunder not covered by the terms of this Stipulated Agreement.

15. No modification of the terms of this Stipulated Agreement shall be effective until reduced to writing and executed by both the Respondent and the Department.

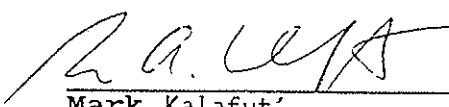
16. The provisions of this Stipulated Agreement shall apply to and be binding upon the parties, their officers, their directors, agents, servants, employees, successors, and assigns and all persons, firms and corporations acting under, through or for them and upon those persons, firms or corporations in active concert or participation with them.

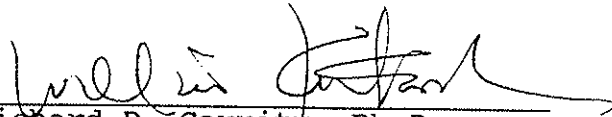
17. If all of the requirements of this Stipulated Agreement have not been fully satisfied, Respondent shall, at least 14 days prior to a sale or conveyance of the property, (1) notify the Department of such sale or conveyance, and (2) provide a copy of this Stipulated Agreement with all the attachments to the new owners.

18. This Stipulated Agreement is final agency action of the Department pursuant to Section 120.69, Florida Statutes and Florida Administrative Code Rule 62-103.110(3), and it is final and effective on the date filed with the clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Florida Statutes. Upon the timely filing of a petition this Stipulated Agreement will not be effective until further order of the Department.

FOR THE RESPONDENT:

FOR THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

  
Mark Kalafut  
Vice President  
Terra International, Inc.

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

Dated: 12-9-94

DONE AND ORDERED this 14 day  
of Dec, 1994, in  
Tampa, Florida.


Copies furnished to:

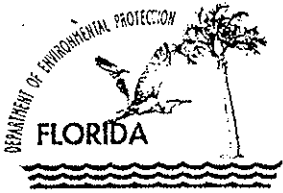
Office of General Counsel  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Hooshang Boostani  
Environmental Protection Commission  
Hillsborough County

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to S120.52  
Florida Statutes, with the designated Depart-  
ment Clerk, receipt of which is hereby acknow-  
ledged.

  
Clerk  
12-15-94  
Date



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wecherell  
Secretary

October 6, 1994

Sheila Lang, Manager  
Regulatory Affairs  
Terra International, Inc.  
6 Mistflower Place  
The Woodlands, Texas 77381

REC'D

OCT 10 1994

ENV. PROT. COMM.  
OF H.C.

RE: Former Asgrow Florida Site  
4144 U.S. Highway 39 North  
Plant City, Hillsborough County

Dear Ms. Lang:

This letter will follow up our telephone conversation today regarding the proposed construction of a tank farm at the referenced site. As previously indicated by the Department, the Department is unable to determine whether the remedial technologies proposed by the Upjohn Company in the document entitled "Proposed Future Use Remedial Design For The Former Tank Facility Area" are the appropriate remediation for the contaminants at this site. However as previously stated in the Department's September 23, 1994 letter to the Upjohn Company, the Department does not object to the installation of the proposed remediation systems so long as there is no interpretation that the Department is giving any tacit agreement that the VES or in situ air sparging is designed properly to adequately remediate the contamination at the site.

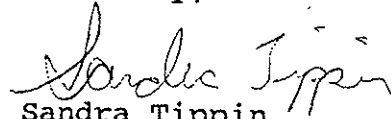
The Department requests that Terra International keep the Department apprised of the status of the construction of the proposed tank farm. The Department has several concerns regarding this construction project considering the contamination detected in the soil and ground water in the area and requests that the following information regarding the proposed construction project be submitted.

1. Provide a site figure indicating any area that may require excavation during construction activities. Information on any necessary dewatering activities should be provided.
2. A description of your plans to dispose of any contaminated soils that may be excavated during the construction and your plans to deal with any contaminated ground water that may be encountered during the construction activities should be provided.

3. Provide assurance that Terra International will develop a site safety and health plan specifically to ensure that workers will be protected from exposure to any contamination that may be encountered during construction activities.

You are requested to respond to the foregoing issues as soon as possible. You may contact me at (813) 744-6100 extension 370 if you have any questions or would like to discuss this further.

Sincerely,



Sandra Tippin  
Environmental Specialist III  
Division of Waste Management

st

cc: Michelle Dean, BWC  
Ligia Mora-Applegate, BWC  
Tom Conrardy, BWC  
Kurt Gildemiester, H2O Environmental  
Russ Downey, Upjohn Company  
Mike McDaniels, EPC

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page 01  
Printed on: 08/01/96

Facility ID #: 298624991 Facility Type: C FUEL USER/NON-RETAIL  
Facility Name: AGSROW FL CO.  
Facility Location: HWY 39 N, PLANT CITY, FL 33566  
Facility Contact: HARRY HOLLEY Phone: (813) 158-1177

County: HILLSBOROUGH

Comment: MET. ON SITE WITH HARRY HOLLEY FOR INSPECTION.

FILL OUT STRF TO REFLECT PROPER TANK CODES. #1 TANK FARM

WITH 10 ASTS WITHIN A CONCRETE SECONDARY CONTAINMENT -

~~1~~ 1- 5000 GALLON ALUMINUM TANK CONTAINING TEMECO 500/100 (#5)  
2- 12000 GALLON ALUMINUM TANKS CONTAINING SPRAY OIL (#6 & #8); 3- 3000 GALLON  
STEEL TANKS - (FORMER SPRAY OIL, SURFACTANTS, TANK #S 9, 7, 9, 12) 2- 15,000 GALLON  
POLY TANKS CONTAINING METAN. SODIUM (#19, #20). 2- 2500 GALLON STEEL TANKS  
CURRENTLY EMPTY. THE TANKS CONTAINING SPRAY OIL, TEMECO 500/100 OIL,  
AND HERBICIDES ARE CURRENTLY REGULATED. ALL PIPING IS STEEL & ABOVE GROUND.  
CONTAINMENT IS ~~CURRENTLY~~ EQUIPPED WITH A ROOF AND MANUAL SIPHON PUMP  
TO RID DIKE OF WATER. VISUAL INSPECTION REVEALED DIKE IS FREE OF LIQUID & DEBRIS

#2 TANK FARM - CONSISTS OF 6 POLY TANKS - 1- 4000 GAL AST (EMPTY)  
1- 9000 GALLON AST (HERBICIDE), 2- 5000 GALLON ASTS (HERBICIDE - PRINCEP),  
1- 7500 GALLON ROUNDUP AST, AND 1- 7500 GAL AST VAMPAN (HERBICIDE)

THESE TANKS LOCATED IN A FULLY ENCLOSED BUILDING WITH A CONCRETE FLOOR AND  
3 FT WALLS, A METAL ROOF AND METAL SIDES. NO ~~ROOF~~ DEBRIS, LOCKING  
DOOR - THESE TANKS NOT CURRENTLY REGULATED.

NEED TO SIGN ENCLOSED STRF AND RETURN TO EE.



Name: Asbow FL  
 Facility I.D.#: 298624381  
 Date: 8-5-96

ABOVEGROUND STORAGE TANK  
 COMPLIANCE INSPECTION FORM

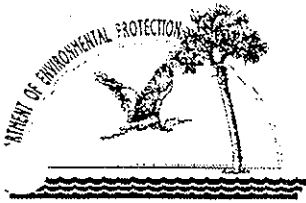
		Yes	No	Unk	N/
I.	REGISTRATION/NOTIFICATION: Comments: _____				
	1. Facility has registered all applicable tanks on site; 62-762.400	<input checked="" type="checkbox"/>			
	2. Current registration placard is properly displayed; 62-762.410 (6)	<input checked="" type="checkbox"/>			
	Proper notification has been made for the following; 62-762.450:				
	3. Abandonment and closure (30 days prior); (1) (a)				
	4. Change of ownership (30 days after); (1) (b)				<input checked="" type="checkbox"/>
	5. Retrofitting, replacement or upgrading; (10 days prior); (1) (c)				<input checked="" type="checkbox"/>
	6. Change of tank status (in service/out of service); (1) (d)				<input checked="" type="checkbox"/>
	7. Change of facility status (e.g. substances stored); (1) (e)				<input checked="" type="checkbox"/>
	8. Change of method of financial responsibility (within 30 days); (2)				<input checked="" type="checkbox"/>
	9. The facility owner/operator notified D.E.R. of internal tank inspection 24 hrs prior to the test; (3)				<input checked="" type="checkbox"/>
	10. Loss of greater than 100 gallons on an impervious surface or 500 gallons inside secondary containment within one working day; .450 (4)				<input checked="" type="checkbox"/>

II.	RECORDS KEEPING: Comments: _____				
	11. All records were maintained for two (2) years and were available for inspection within five (5) working days; 62-762.710	<input checked="" type="checkbox"/>			
	12. Some, but not all records were maintained for two (2) years and were available for inspection within five (5) working days; 62-762.710				<input checked="" type="checkbox"/>

III.	REPORTING/DISCHARGE RESPONSE/ REPAIRS: Comments: _____				
	Proper reporting requirements met for the following; 62-762.460:				
	13. Integral piping tightness test failure within 10 days; (1)				
	14. Pollutant discharge exceeding 25 gallons on a pervious surface; (2)				
	15. Positive response of a release detection device with one working day; (3)				
	The owner or the operator of the system which has discharged has:				
	16. Taken it out-of-service; 62-762.700 (1), had it repaired or replaced; .700, or properly closed it; .800				
	17. Removed any regulated substances from the system; 62-762.820 (1)				
	18. Tightness tested all repaired components before placing them back in service; 62-762.700 (5) & (6)				
	19. Begun initial corrective actions for a release; 62-762.820 (2)				

IV.	INVENTORY REQUIREMENTS FOR TANKS IN CONTACT WITH THE SOIL: Comments: _____				
	20. All inventory requirements maintained in accordance with 62-762.720 (1)				<input checked="" type="checkbox"/>
	21. Some, but not all inventory requirements maintained in accordance with 62-762.720 (1)				<input checked="" type="checkbox"/>





Name: ASGROW FL  
 Facility I.D.#: 293624881  
 Date: 8-5-96

ABOVEGROUND STORAGE TANK  
 COMPLIANCE INSPECTION FORM

Yes | No | Unk | N/A

V.	PERFORMANCE STANDARDS/CATHODIC PROTECTION: Comments:		Yes	No	Unk	N/A
	Storage tank criteria; 62-762.500					
	22. Meets construction upgrading schedule; .510 and .520	22.				✓
	23. Meets applicable storage tank standards; (1), (2) & (3)	23.	✓			
	24. Tank has secondary containment system; .500 (6)	24.	✓			
	25. Tank equipped with overfill protection; (3) (f) 1-4, (g) due 1999	25.				✓
	Piping criteria					
	26. Meets new piping standards with secondary containment; .500 (4) & .600 (4)	26.				✓
	27. Meets construction upgrading schedule; 62-762.510 (3), & .520 (2)	27.				✓
	Repairs to storage tank systems; 62-762.700					
	28. Failed storage tank system component properly repaired; (1)-(4)	28.				✓
	29. Tightness testing of the required component prior to being brought back into service; (5)	29.				✓
	Cathodic Protection; 62-762.730					
	30. Cathodic protection system for tank and piping provides continuous protection; (1)-(4)	30.				✓
	Secondary containment; 62-762.500					
	31. Does containment area have sufficient volume; .500 (6) (a) (2) 32,000 gal approx	31.	✓			
	32. Is the containment area made out of impervious material in accordance with Chapter 62-762, F.A.C. requirements; (6) (a) (1)	32.	✓			
	33. Is the containment area equipped with drainage system or protected from accumulation of rain; (6) (a) (3) roof	33.	✓			
	34. Hydrant pits equipped with spill prevention equipment; (5)	34.				✓

VI.	RELEASE DETECTION/MONITOR WELLS: Comments: <u>Monthly visual inspections</u>		Yes	No	Unk	N/A
	35. Facility has an approved release-detection system; 62-762.600 & 62-762.860	35.	✓			
	36. Monitoring wells properly designed, constructed and installed; 62-762.640 or 62-762.600 (6)	36.				✓
	37. Interstitial monitoring adequate to detect a release from integral piping; 62-762.600 (4) & (5)	37.				✓

VII.	OUT-OF SERVICE STATUS: Comments:		Yes	No	Unk	N/A
	38. Are the corrosive protection devices properly maintained; 62-762.800 (1) (a)	38.				✓
	39. Is the vent line and other ancillary equipment properly secured and maintained; (1) (b)	39.				✓
	40. Test performed to insure the integrity of out-of-service system prior to being returned to service; (1) (c)	40.				✓

VIII.	VARIANCE: Comments:		Yes	No	Unk	N/A
	41. Has the facility for an Alternate Procedure; 62-762.850 (1)	41.				✓

IX.	OTHERS: Comments:		Yes	No	Unk	N/A
	42. Any other violation noted during inspection (Explain in comments)	42.				✓



14 ASBLOW FLORIDA  
14 CHEMICALS INTERNATIONAL INC • CO. OF ME. IN. PA. TX

\*\*\*\*\*

COVER SHEET FOR FACSIMILE TRANSMISSION  
TERRA ASBLOW FLORIDA COMPANY  
4144 PAUL BUCHMAN HIGHWAY  
PLANT CITY, FL 33565

\*\*\*\*\*

TO: Frank Arcuti

FROM: Bobby Jones

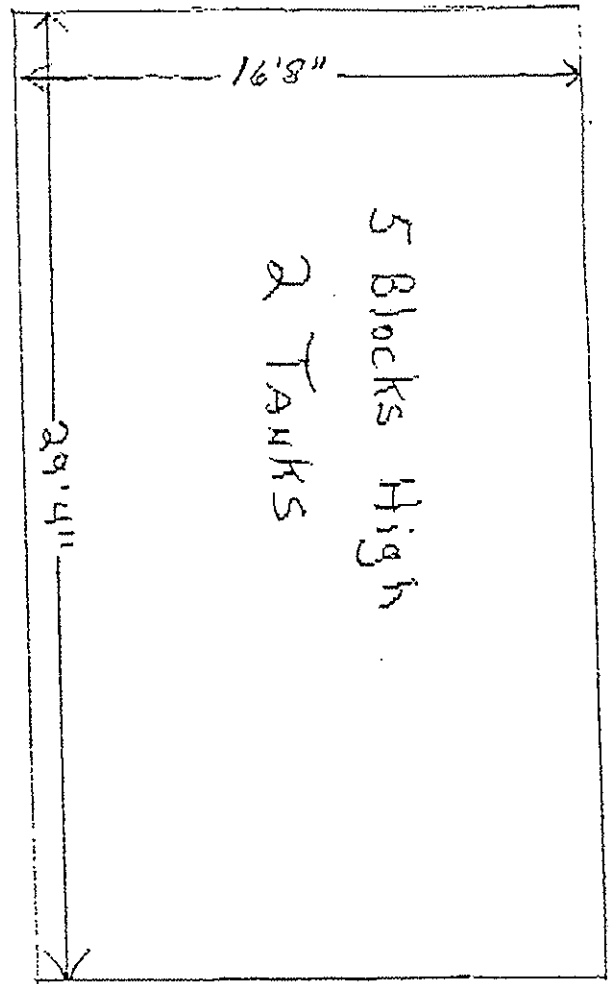
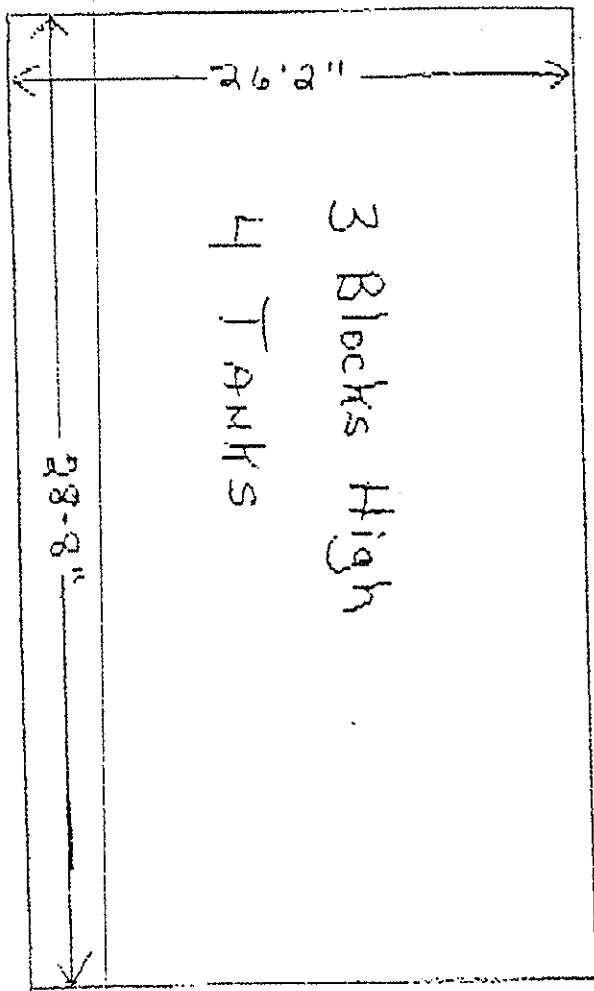
DATE: Aug 5, 1996

TOTAL PAGES: 2  
(INCLUDING COVER SHEET)

IF YOU HAVE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL  
(813) 752-1177, EXT. 339.

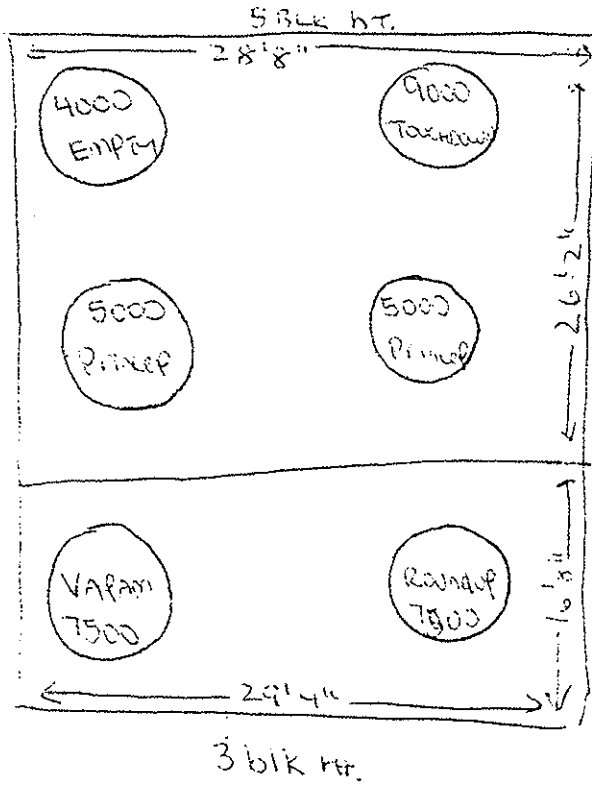
FOR FACSIMILE TRANSMISSION (813) 752-8753.

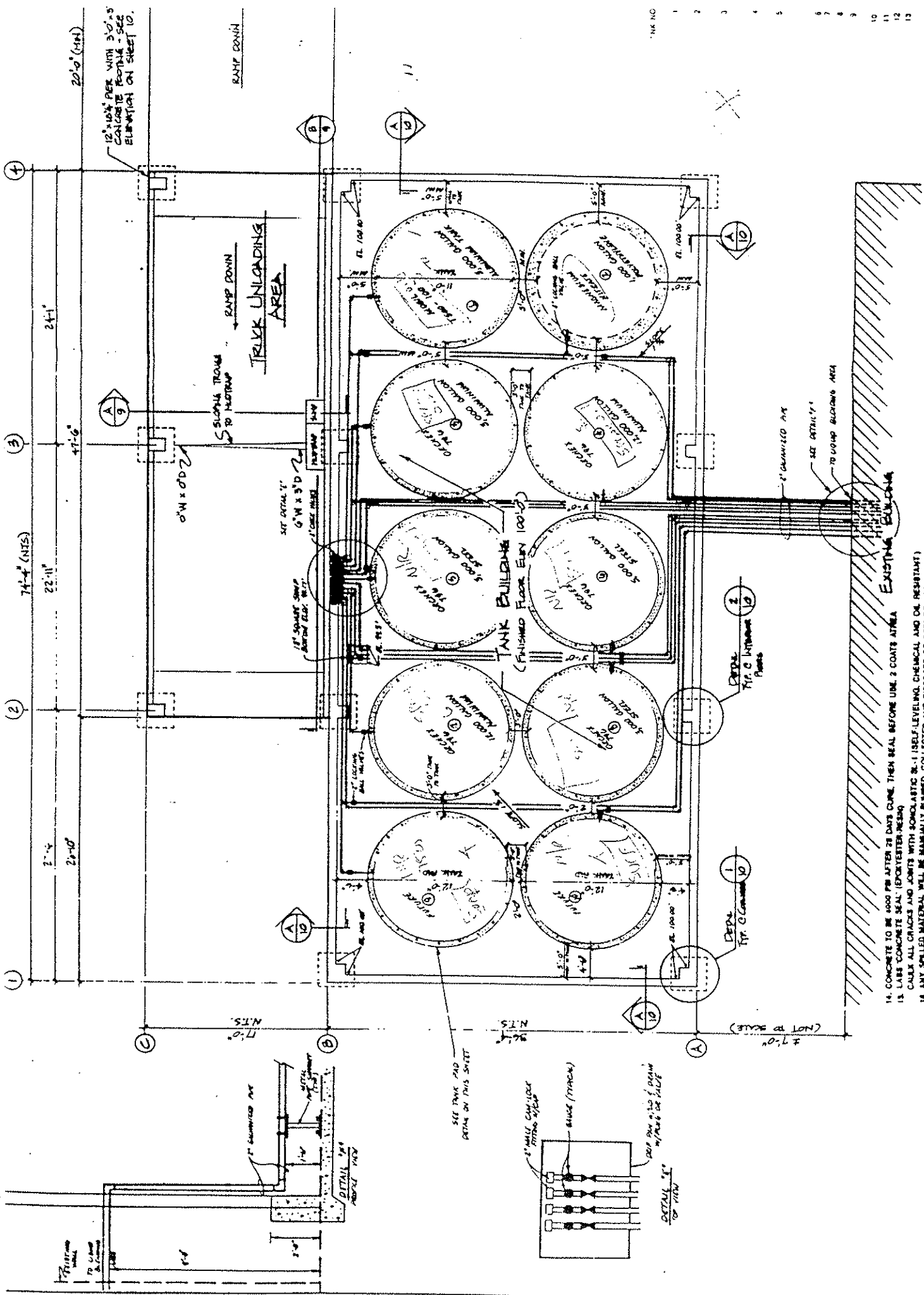
MESSAGE:  
\_\_\_\_\_  
\_\_\_\_\_



Containment Basin Measurements Are Inside.

TANK FARM #2





1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

14. CONCRETE TO BE 4000 PSI AFTER 28 DAYS CURE. THEN SEAL BEFORE USE. 2 COATS ATREA
15. LARS CONCRETE SEAL (EPOXYESTER-BESIN)
16. CAULK ALL CRACKS AND JOINTS WITH SOMOLASTIC 2-1 (SELF-LEVELING, CHEMICAL AND OIL RESISTANT)
17. ANY SPILLED MATERIAL WILL BE MANUALLY PUMPED, COLLECTED AND DISPOSED OF OFFSITE ACCORDING TO STATE & LOCAL REQUIREMENTS
18. TANKS TO BE ANCHORED TO FLOOR
19. EXISTING TANKS TO BE LEAK TESTED USING HYDROSTATIC TESTING ANY DISCHARGE FROM TESTS IS TO BE CHARACTERIZED AND DISPOSED OF ACCORDING TO STATE AND LOCAL REGULATIONS

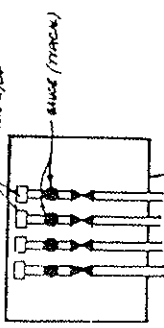
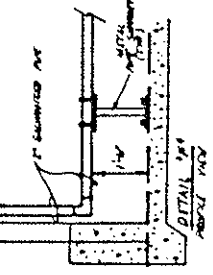
(NOT TO SCALE)

SEE TANK PAD  
DETAIL ON THIS SHEET

DETAIL 2" TO 1/4" ON HALF

N.T.S.

N.T.S.



17" SQUARE SHIP  
MINIMUM 5,000 GALLONS

1" WALL CONCRETE  
RAUGE (TRACK)

1" GALVANIZED PIPE  
SEE DETAIL 11" TO GROUP BUILDING AREA

12" SQUARE SHIP  
MINIMUM 5,000 GALLONS

1" WALL CONCRETE  
RAUGE (TRACK)

1" GALVANIZED PIPE  
SEE DETAIL 11" TO GROUP BUILDING AREA

17" SQUARE SHIP  
MINIMUM 5,000 GALLONS

1" WALL CONCRETE  
RAUGE (TRACK)

1" GALVANIZED PIPE  
SEE DETAIL 11" TO GROUP BUILDING AREA

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MINIMUM 5,000 GALLONS

1" WALL CONCRETE  
RAUGE (TRACK)

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RAUGE (TRACK)

1" GALVANIZED PIPE  
SEE DETAIL 11" TO GROUP BUILDING AREA

17" SQUARE SHIP  
MINIMUM 5,000 GALLONS

1" WALL CONCRETE  
RAUGE (TRACK)

1" GALVANIZED PIPE  
SEE DETAIL 11" TO GROUP BUILDING AREA

4-24-96

Complete list of Storage Tanks at Terra  
 Asgrow Florida, 4144 Paul Buchman Highway,  
 Plant City, Florida.

TANK CONSTRUCTION	TANK NUMBER	PRODUCT IN TANK	VOLUME OF TANK
ALUMINUM	1	TENNECO 500-100	5,000 Gal. ✓
ALUMINUM	2	SPRAY OIL	12,000 ✓
STEEL	3	SURFACTANT	3,000
ALUMINUM	4	SPRAY OIL	12,000 ✓
STEEL	5	<del>SPRAY OIL</del>	3,000 ✓
STEEL	6	SUR ACTIVATE PLUS	8,000
POLY	7	EMPTY	1,300
STEEL	8	SPRAY OIL	3,000
POLY	9	ROUND-UP	8,000
POLY	10	VAPAM FWD	8,000
POLY	11	PRINCEP	5,600
POLY	12	PRINCEP	5,600
STEEL	13	EMPTY	2,500
STEEL	14	EMPTY	2,500
POLY	15	METAM SODIUM	15,000
POLY	16	METAM SODIUM	15,000
POLY	17	EMPTY	4,000
POLY	18	EMPTY	1,000
POLY	19	EMPTY	2,000

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of  
 Printed on: 08/02/95

County: HILLSBOROUGH

Facility ID #: 296524881      Facility Type: C FUEL USER/NON-RETAIL  
 Facility Name: ASBROW FL CO.  
 Facility Location: HWY 39 N. PLANT CITY, FL 33566  
 Facility Contact: HARRY HOLLEY      Phone: (813) 153-1177  
 Owner: ASBROW FL CO PLANT CITY      Phone: (813) 752-1177  
 Owner Address: PO BOX D. PLANT CITY, FL 33564-9004  
 Owner Contact: SIMMIE MCNEAL  
 Latitude: 28-00-54      Longitude: 82-08-06      SS TO RR: 03    85 - 82  
 Open/Closed & Open      Date Chg:      Filler:  
 Regulated Y Yes      Contaminated: 7 777  
 Water Source:  
 Alternate Release Detection:      Financial Responsibility:

Time Spent Log:

Date	Hours (e.g. 2.00)	Initials	Description
8-1-96	2.5	FA	Appointment Date
8-2-94/85	6	FA	drive, inspec

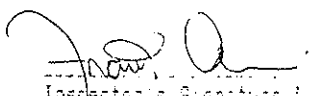
\*\*\*\*\*  
 Total Hours Spent

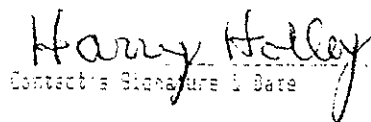
Inspection Type (choose one)	Site Information (all that apply)
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Near Pub Well
<input type="checkbox"/> Install	<input type="checkbox"/> Contaminated
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Complaint
<input type="checkbox"/> Discharge	<input type="checkbox"/> Acid Tanks
<input type="checkbox"/> Closure	<input type="checkbox"/> Required
<input type="checkbox"/> Reinspect	<input type="checkbox"/> Upgraded
	<input type="checkbox"/> UST & AST
	<input type="checkbox"/> Hazard Mat

DEF District or Local Program: EFC - Hillsborough County /29

Frank Accuri  
 Inspector Name (Print)

Harry Holley  
 Contact Name (Print)

 8-2-96  
 Inspector's Signature & Date  
 Phone: 878-5038 FAX: 878-7144

  
 Contact's Signature & Date







State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comments Page \_\_\_ of \_\_\_  
Printed on: 03/11/97

Facility ID #: 298624881 Facility Type: C-FUEL USER/NON-RETAIL  
Facility Name: ASGROW FL CO.  
Facility Location: HWY 39 N, PLANT CITY, FL 33566  
Facility Contact: HARRY HOLLEY Phone: (813) 158-1177

County: HILLSBOROUGH

Comment: met on site with Harry Holley for inspection

Tank #1 - Tenneco 50/100, #3 - SURFACTANT, #4 - SPRAY OIL, #7 are regulated

Tanks within a concrete secondary containment of sufficient

capacity. Tank area equipped with aluminum roofing. All piping

is above ground steel - good condition, all joints appear ok.

Using containment buckets beneath fill connections

Containment is clear of stains, water, debris, etc.

Placard for 97-98 posted

Monthly visual log kept as required - record keeping good

Site is SELF-INSURED

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of \_\_\_\_\_  
 Printed on: 08/22/97

County: HILLSBOROUGH

Facility ID #: 000604887 Facility Type: O FUEL USER/NGN-RETAIL  
 Facility Name: ASBROW FL CO  
 Facility Location: HWY 30 N. PLANT CITY, FL 33564  
 Facility Contact: HARRY HOLLEY Phone: (813) 751-1177  
 Owner: ASBROW FL CO PLANT CITY Phone: (813) 751-1177  
 Owner Address: PO BOX 3 PLANT CITY, FL 33564-0003  
 Owner Contact: SIMONE MONEAL  
 Latitude: 28-10-74 Longitude: 81-08-06 SS TO RR: 00 - 10 - 11  
 Open/Closed: Open Date Chg: Folio:  
 Regulated Y Yes Contaminated: 1 11?  
 Water Source:  
 Alternate Release Detection: Financial Responsibility:

Time Spent Log:

Date	Hours	Initials	Description
			Appointment Date

=====  
 3.25 Total Hours Spent

Activity Code	Description	Activity Code	Description
ATCI	AST Compliance Inspection	UTCI	UST Compliance Inspection
ATCR	AST Compliance Re-inspection	UTCR	UST Compliance Re-inspection
ATII	AST Installation Inspection	UTII	UST Installation Inspection
ATIR	AST Installation Re-visit	UTIR	UST Installation Re-visit
ATXI	AST Closure Inspection	UTXI	UST Closure Inspection
ATXR	AST Closure Re-inspection	UTXR	UST Closure Re-inspection
ATDI	AST Compliance/Discharge Inspection (new report or evidence of discharge)	UTDI	UST Compliance/Discharge Inspection (new report or evidence of discharge)
ATDR	AST Compliance/Discharge Re-inspection	UTDR	UST Compliance/Discharge Re-inspection

DSP District or Local Program: 890 - Hillsborough County (39)

Frank Arcuri  
 Director Name (Print)

Harry Holley  
 Contact Name (Print)

Frank Arcuri 9/19/97  
 Director's Signature & Date

Harry Holley 9/19/97  
 Contact's Signature & Date

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of \_\_\_\_\_  
 Printed on: 03/24/98

County: HILLSBOROUGH

Facility ID #: 298624881  
 Facility Name: ASGROW FL CO.  
 Facility Location: HWY 39 N, PLANT CITY, FL 33566  
 Facility Type: C FUEL USER/NON-RETAIL  
 Facility Contact: HARRY HOLLEY  
 Owner: ASGROW FL CO PLANT CITY  
 Owner Address: PO BOX D, PLANT CITY, FL 33564-9004  
 Owner Contact: SIMMIE MCNEAL  
 Latitude: 28-00-54 Longitude: 82-08-06  
 Open/Closed: 0 Open Date Chg: SS TT RR: 08 - 28 - 22  
 Regulated Y Yes Folio:  
 Water Source: DP DOMESTIC POTABLE Contaminated: ? ???  
 Alternate Release Detection: No Financial Responsibility: S  
 SBLF-INSURED

Time Spent Log:

Hours  
 Date (e.g. 2.25) Initials Description

Appointment Date

3-26-98 .5 ~~EB~~ FILE REVIEW  
 3-26-98 1.75 ~~EB~~ DRIVED & INSPECTION  
 3-26-98 .75 ~~EB~~ WRITE-UP & DATA ENTRY

3.0 Total Hours Spent

Activity Code	Description
ACR <input checked="" type="checkbox"/> ATCI	AST Compliance Inspection
ANC <input type="checkbox"/> ATCR	AST Compliance Re-inspection
AIF <input type="checkbox"/> ATII	AST Installation Inspection
<input type="checkbox"/> ATIR	AST Installation Re-visit
ACI <input type="checkbox"/> ATXI	AST Closure Inspection
ACA <input type="checkbox"/> ATXR	AST Closure Re-inspection
ADI <input type="checkbox"/> ATDI	AST Compliance/Discharge Inspection (new report or evidence of discharge)
<input type="checkbox"/> ATDR	AST Compliance/Discharge Re-inspection

Activity Code	Description
UCR <input type="checkbox"/> UTCI	UST Compliance Inspection
UNC <input type="checkbox"/> UTCR	UST Compliance Re-inspection
UIF <input type="checkbox"/> UTII	UST Installation Inspection
<input type="checkbox"/> UTIR	UST Installation Re-visit
UCI <input type="checkbox"/> UTXI	UST Closure Inspection
UCA <input type="checkbox"/> UTXR	UST Closure Re-inspection
UDI <input type="checkbox"/> UTDI	UST Compliance/Discharge Inspection (new report or evidence of discharge)
<input type="checkbox"/> UTDR	UST Compliance/Discharge Re-inspection

DBP District or Local Program: BPC - Hillsborough County /29

EARL BAKER  
 Inspector Name (Print)

MAILED TO MR.  
 Contact Name (Print)

*[Signature]* 3/26/98  
 Inspector's Signature & Date  
 Phone: 272-5700 FAX: 476-2256

*[Signature]* 4/2/98  
 Contact's Signature & Date

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page \_\_\_ OF \_\_\_  
 Printed on: 03/24/98  
 County: HILLSBOROUGH

Tanks Listed for: ...  
 Facility ID #: 298624881 Facility Type: C PUBL USER/NON-RETAIL  
 Facility Name: ASGROW FL CO.  
 Facility Location: HWY 39 N, PLANT CITY, FL 33566

S	DEP..	FAC..	SIZE.....	C	INSY.	U	CONST	TTT DATE	PIPE.	LTT DATE	MON..	SSP.....	RETROFIT
T	Tank	Tank		O	DATE	/	CODES		CODES		CODES	RBL	DATE
A	NUM	NUM		N		A						LDT	
T				T								DATBS	
U	1R1	1	5,000	X	11/95	A	KZ		AB		Z		
U	3R1	3	3,000	X	11/95	A	KZ		AB		Z		
U	4R1	4	12,000	X	11/95	A	KZ		AB		Z		
U	7	7	12,000	X	11/95	A	KZ		AB		Z		
B	1		1,000	B	05/75	U	AC		A		A		04-30-90
B	2		1,000	D	05/75	U	AC		A		A		04-30-90
B	3		4,000	D	/75	U	AC		A		A		04-30-90
B	4		4,000	D	/75	U	AC		A		A		04-30-90

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_ of \_\_\_  
Printed on: 03/24/98

Facility ID #: 298624881 Facility Type: C PUEL USRR/NON-RETAIL

Facility Name: ASGROW PL. CO.

Facility Location: HWY 39 N, PLANT CITY, FL 33566

Facility Contact: HARRY HOLLEY

Phone: (813) 158-1177

County: HILLSBOROUGH

Comment: 3-26-98/1307-1344 MET ON SIT WITH MR HARRY HOLLEY FOR THE ANNUAL COMPLIANCE INSPECTION

RECORDS: CURRENT PLACARD POSTED. MONTHLY MONITORING RECORDS ONSITE & COMPLETE. FACILITY IS SELF INSURED.

TANKS: 5000, 3000, + TWO(?) 12000 GALLON TANKS LOCATED IN SECONDARY CONTAINMENT WITH A COVERED ROOF ALONG WITH TWO(?) OTHER NON-REGULATED TANKS WAS INSPECTED. NO LEAKS FROM THE TANKS OR PIPING COULD BE OBSERVED. MONITORING RECORDS INDICATED A LEAK FROM THE PIPING OF THE CITRUS OIL TANK, IN 9/97. LEAK WAS REPAIRED. NO FURTHER PROBLEMS NOTED. SECONDARY CONTAINMENT WAS IN GOOD CONDITION. SOME WATER. A FAN WAS BEING USED TO FACILITATE DRYING. NO DRAINS. ANY WATER REMOVED IS PUMPED OUT, TESTED & DISPOSED OF ACCORDINGLY. FOR OVERFILL PROTECTION, MR. HOLLEY STATED THAT PERSONNEL IS ON TOP OF THE TANK & IS MONITORING THE FILL PROCESS. MR. HOLLEY STATED THAT HE IS CURRENTLY SEEKING TO ACQUIRE SOME FORM OF GUAGING ~~SYSTEM~~ SYSTEM.



Presco Food Store Number 23  
(Site 8)



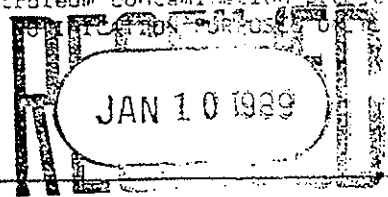


Department of Environmental Regulation  
 EARLY DETECTION INCENTIVE PROGRAM  
 NOTIFICATION APPLICATION

117

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 REGISTRATION PURPOSES

PLEASE PRINT OR TYPE  
 Put "X" where answer is unknown.



1. Business/Site Name: Presto Food Store #23  
 Business/Site Operator: Presto Food Stores, Inc. WASTE MAN. ELEMENT  
 Business/Site Owner: Presto Food Stores, Inc. Property Owner: Same  
 Business/Site Address: Hwy. 39 & Knight Griffin Rd. Plant City, FL 33566  
 Telephone Number: 813-754-3511 / \_\_\_\_\_ County: Hillsborough  
 (Business) (Home)  
 Mailing Address: 607 S. Alexander St. Plant City, FL 33566

2. Date of discovery: December 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 Odor on installation of overfills (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. Fill  
 D. Tank E. Overfill F. Unknown

Has the system been repaired?  No  Yes  Unknown INSTALLED FEB 705 OVERSPILL

7. Cause of leak (circle all that apply)  

<input checked="" type="checkbox"/> A. Unknown	<input type="checkbox"/> B. Split	<input type="checkbox"/> C. Loose Connection	<input type="checkbox"/> D. Other _____	<input type="checkbox"/> E. Solit	<input type="checkbox"/> F. Corrosion	<input type="checkbox"/> G. Puncture	<input type="checkbox"/> H. Installation failure	<input type="checkbox"/> I. Overfill	<input type="checkbox"/> J. Accident	<input checked="" type="checkbox"/> K. Other <u>Unknown</u> (explain)
--	-----------------------------------	--	---	-----------------------------------	---------------------------------------	--------------------------------------	--	--------------------------------------	--------------------------------------	---

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: 298625041

11. DER Tank Number: 2

12. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION SUBMITTED ON THIS FORM IS TRUE, ACCURATE AND COMPLETE.

Robert J. Fullings V.P.  
 Signature of Person Completing Form Title

12-29-88  
 Date

## FACTS ABOUT THE EDI PROGRAM

### 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 tank sites, a simple voluntary reporting procedure, known as the Early Detection Incentive Program (EDI), has been established.

### 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 or 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 30-month grace period beginning on July 1, 1986, and ending on December 31, 1988.

### 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 December 31, 1988) and send to:

EDI Coordinator, Bureau of Restoration  
Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

### 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

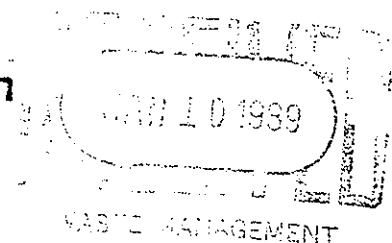
If emergency or hazardous conditions exist at your site, IMMEDIATELY contact DER. Delays could allow serious damage and contamination.

6. Questions concerning the EDI program can be directed to the DER HOTLINE at:

1-800-422-LEAK

# Discharge Notification Form

Form 17-1.218(3)



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.

1. Facility Number: 298625041    2. Tank Number: 2    3. Date: 12/29/88

4. Facility Name: Presto Food Store #23  
 Facility Operator: Presto Food Stores, Inc.  
 Facility Address: Hwy 39 + Knights Griffin Rd Plant City FL 33566  
 Telephone Number: (813) 754-3511    County: Hillsborough  
 Mailing Address: 607 S. Alexander St. Plant City, FL 33566

5. Date of test or discovery: December 1988 month/day/year

6. Method of initial discovery. (circle one only)

A. Automatic detector in ground, monitoring well, or containment.	D. Emptying and inspection.
B. NFPA 329 test (underground tanks only).	E. Inventory control.
C. Manual test of monitoring well(s).	F. Odor or visible signs at facility or in vicinity.
	G. Other: <u>Odor on installation of overspills</u> (explain)

7. Estimated number of gallons lost: \_\_\_\_\_

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	D. Underground	H. Sacrificial anode type
B. Factory welded	E. Bare or asphalt-coated steel	I. Impressed current type
C. Field erected	F. Fiberglass-clad steel	J. Double walled
	G. Fiberglass	M. Other or <u>Unknown</u> (explain)

10. Type of pollutant discharged. (circle one)

A. Leaded Gasoline.	E. Aviation fuel.
B. Unleaded gasoline.	Y. Other _____
C. Gasohol or alcohol-enriched gasoline.	<u>Z. Unknown</u> (explain)

11. Cause of leak. (circle all that apply)

<u>A. Unknown</u>	<u>Piping</u>	<u>Tank</u>
	B. Split	G. Split
	C. Loose connection	H. Corrosion
	D. Other _____	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.

Robert H. Stillings  
Name of Owner, Operator or Authorized Representative

Robert H. Stillings  
Signature of Owner, Operator, or Authorized Representative

KEEP A COPY OF THIS FORM FOR YOUR RECORDS.

INSPECTION QUESTIONNAIRE

A. PRE-INSPECTION COMPUTER CHECK\*

DER FACILITY #: 148625041  
 FACILITY NAME: Presto Food Store #23  
 LOCATION: Hwy. 39 & Knights Griffin Rd.

OWNER PHONE:  
 CONTACT PERSON:

P-TANK: ACT-UND ACT-ABV FILLED-UND RMV-UND RMV-ABV

LATITUDE: 28°-34'-35" LONGITUDE: 82°-08'-17" FC TANKS: \_\_\_\_\_

SECTION: 06 TOWNSHIP: 285 RANGE: 2DE

MONITORING SYSTEM: Man-Sam. Wells

TANK NUMBER	TANK GALLONS	TANK CONTENT	TANK IND	DATE INSTALLED	ABV/UNDERGROUND TANK STATU
1	8000	A B		8/83	C
2	8000	B		8/83	C
3					
4					
5					
6					
7					
8					
9					
10					

1. Has a site inspection scheduling letter been mailed, when, to whom?  
 \_\_\_\_\_

2. Has a telephone call been made to confirm the appointment, and to whom?  
 \_\_\_\_\_

\* MUST BE ANSWERED COMPLETELY BEFORE THE INSPECTION IS CONSIDERED COMPLETE.

B. SITE INSPECTION QUESTIONS

1. How often are storage tanks dipped? Daily
2. Is the inventory reconciled for each day the tanks are dipped? YES
3. Is the water content of the tanks measured, recorded, and accounted for? YES
4. Are significant losses/gains investigated? YES
5. How long since the tanks were last pressure tested? (get a copy of test results, if possible) Unknown
6. Are monitoring wells required? YES
7. Are the MWs checked monthly? YES
8. Are written records of MW checks kept? YES
9. Are the required minimum number of MW's present, and in the proper locations? YES
10. Is the MW construction adequate with regards to:
  - YES 2 inch Diameter
  - YES Scanning position relative to water table
  - YES Surface sealing
  - YES Water tight cap.
11. Is over fill protection required; if so, what type?  
YES, tightfill and containment
12. If a tight fill device is used, is there contamination around it? In a grassy area, grass is green around the fill area.
13. Does the STI registration accurately depict the site with regards to:
  - A. Number of tanks and their status? YES
  - B. Types of monitoring system? YES
  - C. Other? leaded has been changed to unleaded
14. List all known products stored on the site. Unleaded gasoline
15. How long has the site been used to store petroleum products? SEVEN YEARS

- 16. What were the prior uses of the property? Unknown
- 17. How was the contamination found? Installation
- 18. Was the source of the contamination found-investigated/ repaired? Unknown
- 19. Is the contamination the result of a single or multiple events? Unknown
- 20. What type of product(s) was discharged? Unknown
- 21. What volume of product was discharged? Unknown
- 22. What monitor well(s) is/are contaminated? MW # NE & SE
- 23. Who is the consultant? Unknown
- 24. What actions have been conducted to date? Unknown
- 25. What actions are to be implemented in the near future? Unknown
- 26. What reports have been submitted? Which were approved? None
- 27. If contamination was observed at the site, describe the components and extent. If laboratory analysis was provided, attach the report. petroleum odor Moderate to Strong
- 28. Is there now or has there ever been any local, state or federal agency involvement concerning contamination at this site or the adjacent property? Describe. No
- 29. Are any known potable water wells within 1/2 mile of site? If so, how many, size etc.?

UST PROGRAM INSPECTION REPORT

FACILITY NAME: Presto Food Store #23		DER FACILITY #: 298625041	
LOCATION: Hwy. 39 & Knights Griffin Road, Plant City	SECTION: 06	TOWNSHIP: 28S	RANGE: 22E
	LATITUDE: 28°34'35"		LONGITUDE: 82°08'17"
SOURCE DESCRIPTION: Two (2) underground storage tanks.		SITE TYPE: State Cleanup	
CONTACT: R. Stillings/754-3511	BOR #: 29-8982	INSPECTION DATE: 4/20/90	

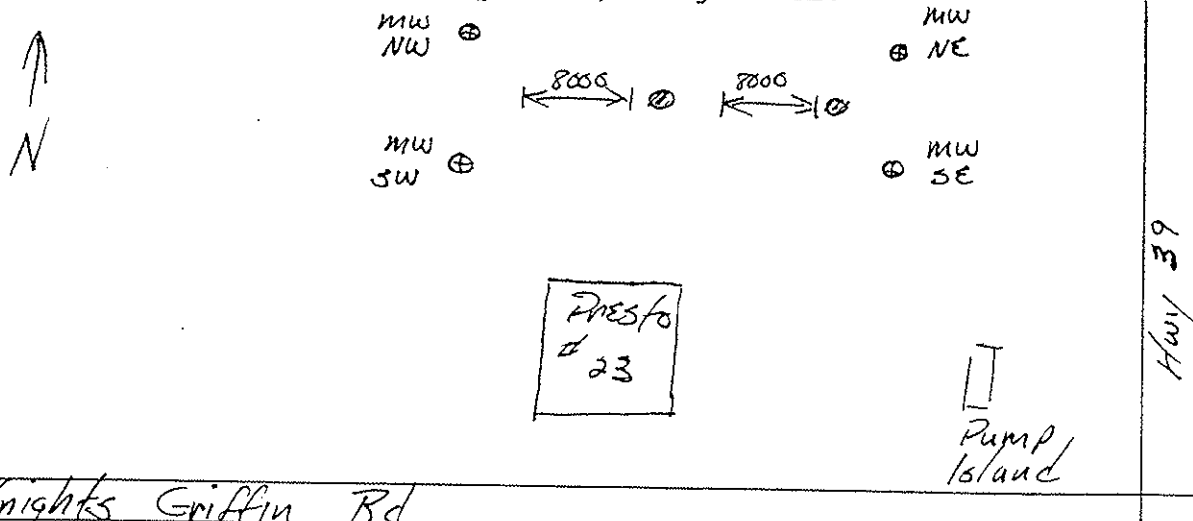
INSPECTION SUMMARY:

The inspection was conducted by myself. The facility consists of two (2) 8,000 gallon tanks of unleaded gasoline. Petroleum products have been stored on site for seven (7) years. Prior use of the property is unknown. Inventory records and water content are kept as require.

There are four (4) monitoring wells (MW) around the storage tank area. MWs appear to have been constructed properly. MW located on SE side of the storage tank area had a moderate petroleum odor. MW located on the NE side of the tank area had a strong petroleum odor. The monitoring well log records are kept as required.

The fillpipe has a tightfill and containment system.

The facility is supplied with water from a well located on the property. SWFWMD lists fifty-four (54) potable wells within one square mile of Section: 06, Township: 28S, Range: 22E.



*Knights Griffin Rd*

INSPECTOR'S SIGNATURE: <i>Paul Russell</i>	DATE:
--	-------

orig: HRL 11/87  
rev: MRM 7/88

EARLY DETECTION INCENTIVE PROGRAM COMPLIANCE VERIFICATION CHECKLIST

BCR File # 29-8987      Placard ID # \_\_\_\_\_      OER Facility # 298625041  
 Site Name Presto Food Store #23  
 Site Address Highway 39 & Knights Griffin Rd., Plant City, FL 33566  
 Site Contact/Telephone # Robert Stillins (813) 754-3511  
 Latitude 28°-34'-35"      Longitude 82°-08'-17"

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

Yes   No   Not  
       Required

1. Compliance with 376.3071

a. Provided inventory records

As required

b. Reconciled inventory

As required

c. Installed monitoring system

Minimum of 4 required

d. Completed monthly monitoring system checks

As required

2. Site access denied

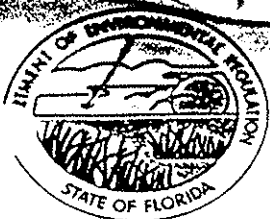
3. Evidence of gross negligence

4. Evidence of intent to conceal discharge

5. Evidence of falsification of inventory or reconciliation records

6. Evidence of intentional damage to petroleum storage system





## 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

May 7, 1990

Mr. Robert Stillings  
Presto Food Stores  
607 South Alexander Street  
Plant City, Florida 33566

RE: Presto Food Store #23  
Hwy 39 & Knights Griffin Road  
Plant City, Florida

Dear Mr. Stillings:

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 the clerk of the Department.

The DER Facility Number for this site is 298625041. Please use this identification on all future correspondence with the Department.

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

Sincerely,

A handwritten signature in black ink that reads "John M. Ruddell". The signature is written in a cursive style with a large, looping initial "J".

John M. Ruddell, Chief  
Bureau of Waste Cleanup

JMR:ttj

cc: Hooshang Boostani, EPC  
DER File #29-8982

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of \_\_\_\_\_  
 Printed on: 01/23/97

County: HILLSBOROUGH

Facility ID #: 298625041 Facility Type: A RETAIL STATION  
 Facility Name: PRESCO FOOD STORE #23  
 Facility Location: 4901 HWY 39 N. PLANT CITY, FL 33566-0000  
 Facility Contact: JAYESH V PATEL Phone: (813) 754-3511  
 Owner: PATEL, JAYESH V Phone: (813) 754-3511  
 Owner Address: 4901 HWY 39 N. PLANT CITY, FL 33566-0000  
 Owner Contact: JAYESH PATEL  
 Latitude: 28-04-34 Longitude: 82-07-43 SS TT RR: 06 - 28 - 22  
 Open/Closed: Open Date Chg: Polic: 089437.0000  
 Regulated: Yes Contaminated: Y Yes  
 Water Source: PP PUBLIC POTABLE Financial Responsibility: A  
 Alternate Release Detection: No STATE PROC. - 3RD PARTY LIABILITY, ST CONTRACTOR

Time Spent Log:

Date	Hours (e.g. 2.25)	Initials	Description
			Appointment Date
1/23	1.5	JP	drive re-insp

=====  
 Total Hours Spent

- |   |  |
|---|--|
| Inspection Type (choose one):                 | Site Information (all that apply):     |
| <input type="checkbox"/> Routine              | <input type="checkbox"/> Near Pub Well |
| <input type="checkbox"/> Install              | <input type="checkbox"/> Contaminated  |
| <input type="checkbox"/> Abandoned            | <input type="checkbox"/> Complaint     |
| <input checked="" type="checkbox"/> Reinspect | <input type="checkbox"/> Acid Tanks    |
|   | <input type="checkbox"/> Repaired      |
|   | <input type="checkbox"/> Upgraded      |
|   | <input type="checkbox"/> UST & AST     |
|   | <input type="checkbox"/> Hazard Mat    |

DEP District or Local Program: EPC - Hillsborough County / 09

F. Accuri  
 Inspector Name (Print)

\_\_\_\_\_  
 Contact Name (Print)

[Signature]  
 Inspector's Signature & Date

[Signature]  
 Contact's Signature & Date

Phone: 272-5783 FAX: 272-7144

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page \_\_\_\_ OF \_\_\_\_  
 Printed on: 01/23/97  
 County: HILLSBOROUGH

2 Tanks Listed for ...  
 Facility ID #: 298625041 Facility Type: A RETAIL STATION  
 Facility Name: PRESCO FOOD STORE #23  
 Facility Location: 4901 HWY 39 N. PLANT CITY, FL 33566-0000

S	DEP.	FAC.	SIZE	C	INST.	U	CONST	TTT	DATE	PIPE.	LTT	DATE	MON.	SSP	REL	RETROFIT
T	Tank	Tank		O	DATE	/	CODES			CODES			CODES	LDT	DATE	
A	NUM	NUM		H		A								LDT		
T				T										DATES		
U	1		3.000	B	08/83	U	ACOM			BJ			BH	LDT 12/86		
U	2		3.000	B	08/83	U	ACOM			BJ			BH	LDT 12/90		

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_\_ of \_\_\_\_  
Printed on: 01/23/97

Facility ID #: 298625041 Facility Type: A RETAIL STATION  
Facility Name: PRESCO FOOD STORE #23  
Facility Location: 4901 HWY 39 N. PLANT CITY, FL 33566-0000  
Facility Contact: JAYESH V PATEL Phone: (813) 754-3511

County: HILLSBOROUGH

Comment: REINSPECTION

SHEAR VALVE on disp #1. Now re-attached;  
Leak detectors tested 12/96 by Hytech - passed

CHECKLIST

FS6 - NA

all others NA

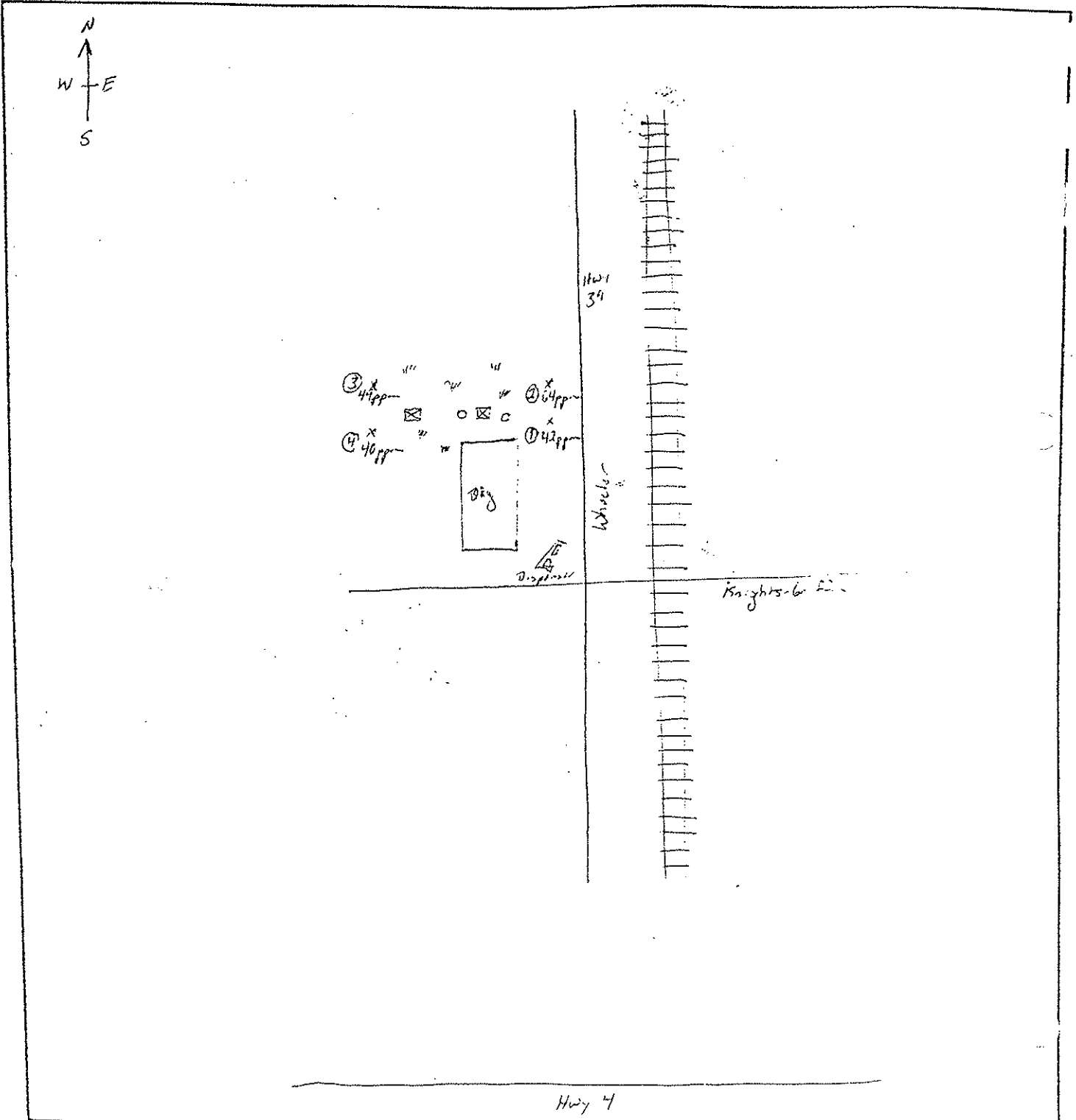
9/15/92

HILLSBOROUGH COUNTY  
ENVIRONMENTAL PROTECTION COMMISSION  
SITE LOCATION MAP

Facility Name PRESCO FOOD STORE #23

298025041

Location 4901 HWY 39 N  
PLANT CITY, FL

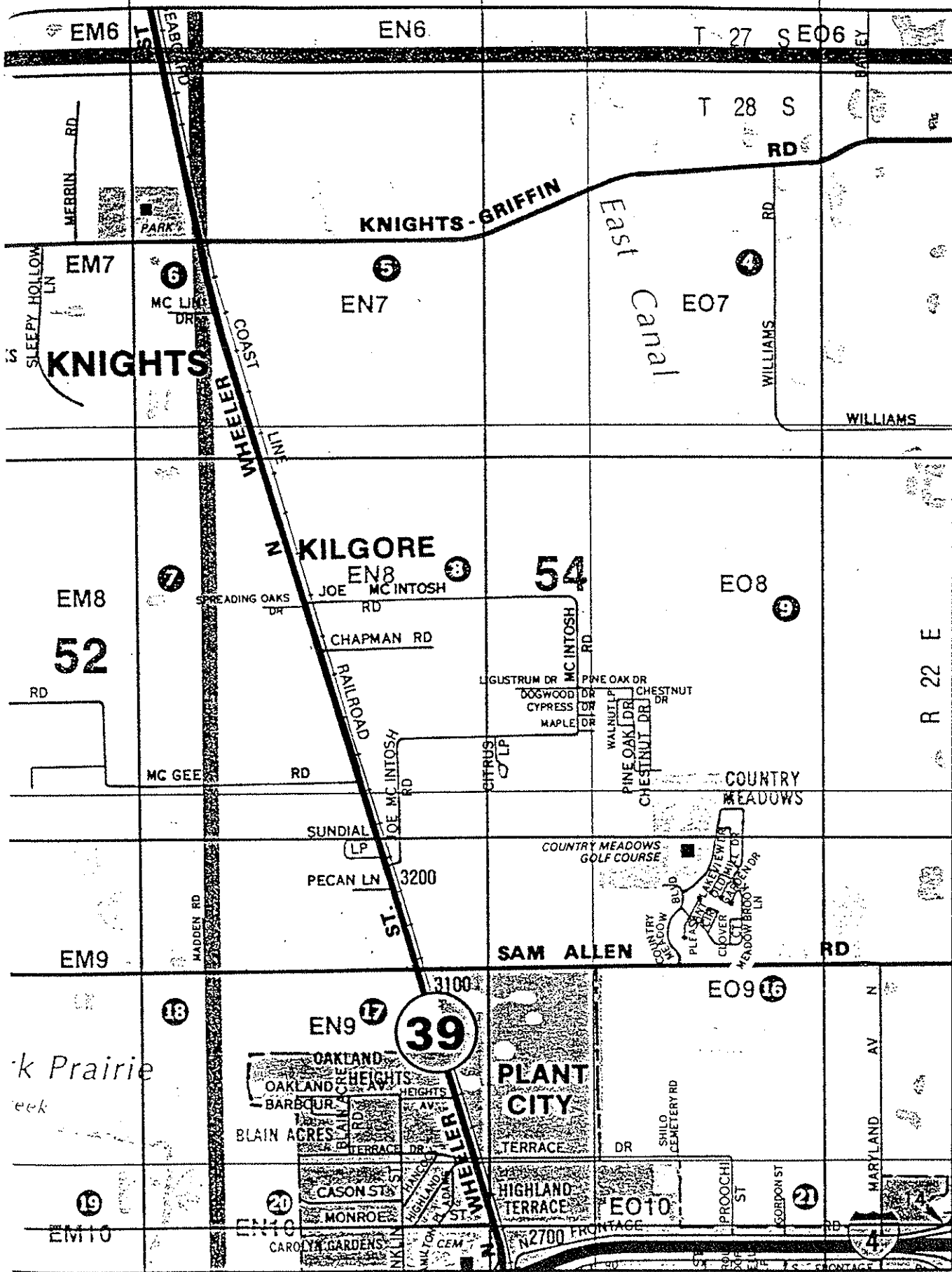


II ●

SEE MAP 452

JJ ●

Hillsborough County



7

8

SEE MAP 517

8

9

II ●

SEE MAP 546

JJ

MAP

APPROXIMATE SCALE OF MILES

516

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of \_\_\_\_\_  
 Printed on: 03/03/97

County: HILLSBOROUGH

Facility ID #: 298626041 Facility Type: A RETAIL STATION  
 Facility Name: PRESSO FOOD STORE #23  
 Facility Location: 4901 HWY 39 N. PLANT CITY, FL 33566-0000  
 Facility Contact: JAYESH V PATEL Phone: (813) 754-3511  
 Owner: PATEL, JAYESH V Phone: (813) 754-3511  
 Owner Address: 4901 HWY 39 N. PLANT CITY, FL 33566-0000  
 Owner Contact: JAYESH PATEL  
 Latitude: 28-04-34 Longitude: 82-07-43 SS TT RR 06 - 00 - 22  
 Open/Closed 0 Open Date Chg: Folio: 009437.0000  
 Regulated Y Yes Contaminated: Y Yes  
 Water Source: PP PUBLIC POTABLE Financial Responsibility: A  
 Alternate Release Detection: No STATE REGG. - 3RD PARTY LIABILITY, ST CONTRACTOR

Time Spent Log:

Date	Hours (e.g. 2.25)	Initials	Description
3.5	1	JP	Appointment Date
3.7	2.75	JP	drive, insp, w/v

-----  
 Total Hours Spent

Inspection Type (choose one):	Site Information (all that apply):
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Near Pub Well
<input type="checkbox"/> Install	<input type="checkbox"/> Contaminated
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Complaint
<input type="checkbox"/> Discharge	<input type="checkbox"/> Acid Tanks
<input type="checkbox"/> Closure	<input type="checkbox"/> Required
<input type="checkbox"/> Reinspect	<input type="checkbox"/> Upgraded
	<input type="checkbox"/> USD & AST
	<input type="checkbox"/> Hazard Mat

DEP District or Local Program: EPC - Hillsborough County 23

Frank Acuna  
 Inspector Name (Print)

Contract Name (Print)

*Frank Acuna* 3.7.97  
 Inspector's Signature & Date  
 Phone: 272-5788 FAX: 272-7144

*[Signature]*  
 Contact's Signature & Date



State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page \_\_\_\_\_ OF \_\_\_\_\_  
 Printed on: 10/03/97  
 County: HILLSBOROUGH

Tanks listed for ...  
 Facility ID #: 298623041      Facility Type: A REPAIR STATION  
 Facility Name: PRESCO FOOD STORE #21  
 Facility Location: 4901 HWY 39 N. PLANT CITY, FL 33618-3200

S	DEP..	FAC..	SIZE.....	C	INST.	U	CONSTR	TTT	DATE	PIPE.	TTT	DATE	WCT..	SSP.....	RETROFIT
T	Tank	Tank		C	DATE		CODES			CODES			CODE	REL	DATE
A	NUM	NUM		H		A							SET		
T				T									DATES		
1			3.000	B	08/83	U	ACOH			30			RR	120 12-31-96	12-31-96
2			3.100	B	08/83	U	ACOH			30			RR	120 12-31-96	12-31-96

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_\_ of \_\_\_\_  
Printed on: 03/03/97

Facility ID #: 298675041 Facility Type: A RETAIL STATION  
Facility Name: PRESKO FOOD STORE #23  
Facility Location: 4901 HWY 19 N. PLANT CITY, FL 33566-0000  
Facility Contact: JAYESH V PATEL Phone: (813) 754-3511

County: HILLSBOROUGH

Comment: DID NOT meet anyone on site for external inspection.

Monitoring wells - ok, all < 50 ppm, no wells failed. Grounding ok  
on all 4 wells. Tight fill, spill cont. ok. Subpumps - leak detectors

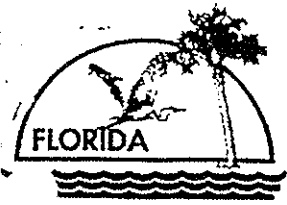
Tested 12-96 - passed. SIZ carries EPIA. THRU presto. Fabs

Monthly monitoring performed by Hytech - record keeping good, wells

checked every 30 days. Disps - shut valves have anchors

Fuel inventory - reconciliation good, no water problems, weekly AUGS

Facility needs to upgrade with secondary containment, disp. lines  
and overflow protection by 12-31-98.



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

January 26, 1998

Mr. Robert R. Colberg  
Environmental Consulting & Technology, Inc.  
5405 Cypress Drive Suite 200  
Tampa, Florida 33609

RECEIVED

FEB 2 1998

EPC/Waste Management Division

RE: Presco Food Store #23  
FDEP Facility ID#298625041

Dear Mr. Colberg:

Chapter 96-277, Laws of Florida, affecting all petroleum cleanup sites went into effect on July 1, 1996. This law requires the Department of Environmental Protection (FDEP) to fund work on eligible sites in priority order. This law also requires the Department to preapprove the scope of work and costs of all petroleum cleanup program tasks utilizing state funds.

Thank you for your letter requesting preapproval to continue work at this facility. Based upon this site's score of 26, funding is not available to work at this facility under the preapproval program this year. If you have any questions, please contact the Bureau of Petroleum Storage Systems at (850) 487-3299.

Sincerely,

Brian L. Dougherty  
Environmental Administrator  
Bureau of Petroleum Storage Systems

cc: Nancy Evans, FDEP Southwest District  
✓ Mike McKelvey, Environmental Protection Commission of Hillsborough County  
Mr. Jayesh V. Patel 4901 Highway 39 North Plant City FL 33565  
File



**RECEIVED**  
(Filed in by DEP)

# Storage Tank Facility Registration Form

Submit a completed form for the facility when registration of storage tanks or compression vessels is required by Chapter 376.303, Florida Statutes **JUL 28 1998**

Please review Registration Instructions before completing the form.

EPC of HC

Please check all that apply	<input type="checkbox"/> New Registration	<input type="checkbox"/> New Owner	<input type="checkbox"/> New Tanks
	<input type="checkbox"/> Facility Info Update/Correction	<input type="checkbox"/> Owner Info Update/Correction	<input checked="" type="checkbox"/> Tank Info Update/Correction

**A. FACILITY INFORMATION**

County: Hillsborough DEP Facility ID: 8625041

Facility Name: Presco Food Store #23

Facility Address: 4901 N. Paul Buchman Hwy City: Plant City Zip: 33565

Facility Contact: Jay Patel Business Phone: (813) 754-5547

Facility Type(s): A NAICS Code: 44711 Financial Responsibility: A

**24 Hour Emergency Contact:** Jay Patel Emergency Phone: (813) 752-3255

**B. RESPONSIBLE PERSON INFORMATION** - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. Provide additional information in an attachment if necessary.

Name: <u>Jayesh V. Patel</u>	Facility - Responsible Person Relation Type:	Effective Date
Mail address: <u>4901 N. Paul Buchman Highway</u>	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	
City, ST, Zip: <u>Plant City, FL 33565</u>	Facility Account Owner information must be provided when the facility contains active (in-use) storage tanks on site.	
Contact: <u>Jay Patel</u>	STCM Account Number (if known)	
Telephone:		
Identify other appropriate facility relationships for this party: <input checked="" type="checkbox"/> Facility Owner/Operator <input checked="" type="checkbox"/> Property Owner <input checked="" type="checkbox"/> Storage Tank Owner		

Name:	Other owner, relationship type(s)	Effective Date
Mail address:	<input type="checkbox"/> Facility Owner/Operator	
City, ST, Zip:	<input type="checkbox"/> Property Owner	
Contact:	<input type="checkbox"/> Storage Tank Owner	
Telephone:	<input type="checkbox"/> Other	

**C. TANK/VESSEL INFORMATION** - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date	Construction	Piping	Monitoring
1	T	U	8,000	08/83	B	B 08/98	ACM	BJ	
2	T	U	8,000	08/83	B	B 08/98	ACM	BJ	
3	T	U	15,000	08/98	B	U 10/98	SAOLRM	NMJK	F24H

Certified Contractor (performing tank installation or removal): Julius E. Seles, Sr. DBPR License No.: PCC050799

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

Printed Name & Title: PATEL JAYESH Signature: [Signature] Date: 7/28/98

DEP 62-761 900(2)

Northwest District  
160 Governmental Center Blvd.  
Pensacola, FL 32501  
850-595-8360

Northeast District  
7825 Baymeadows Way,  
Suite B210  
Jacksonville, FL 32256  
904-448-4300

Central District  
3319 Maguire Blvd.,  
Suite 232  
Orlando, FL 32803  
407-894-7555

Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619  
813-744-8100

Southeast District  
400 North Congress Ave.,  
W Palm Beach, FL 33418  
561-681-6600

South District  
2295 Victoria Ave.,  
Suite 304  
Fort Myers, FL 33901  
941-332-6975

Marathon Branch C  
2700 Overseas Hwy.,  
Suite 221  
Marathon, FL 33050  
305-289-2310

*SENT TO TALL ES*

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page 1 of  
 Printed on: 09/01/98  
 County: HILLSBOROUGH

Facility ID #: 298625041 Facility Type: A RETAIL STATION  
 Facility Name: PRISCO FOOD STORE #23  
 Facility Location: 4901 HWY 39 N, PLANT CITY, FL 33566-0000  
 Facility Contact: JAYSH V PATBL Phone: (813) 754-5547  
 Owner: PATBL, JAYSH V Phone: (813) 754-3511  
 Owner Address: 4901 HWY 39 N, PLANT CITY, FL 33566-0000  
 Owner Contact: JAYSH PATBL  
 Latitude: 28-04-34 Longitude: 82-07-43 SS TT RR: 06 - 28 - 22  
 Open/Closed: 0 Open Date Chg: Folio: 089437.0000  
 Regulated: Y Yes Contaminated: Y Yes  
 Water Source: PP PUBLIC POTABLE Financial Responsibility: A  
 Alternate Release Detection: No STATE PROG. - 3RD PARTY LIABILITY, ST CONTRACTOR

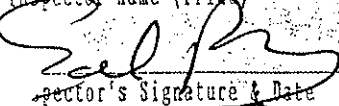
Time Spent Log:

Date	Hours (e.g. 2.25)	Initials	Description
8-31-98	4	EB	UCI 2 DRIVE
9-2-98	1.5	EB	UCA 1 DRIVE

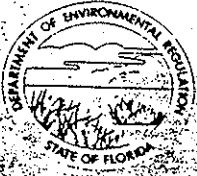
Total Hours Spent

Activity Code	Description	Activity Code	Description
ACR	AST Compliance Inspection	UCR	UST Compliance Inspection
ANC	AST Compliance Re-inspection	UNC	UST Compliance Re-inspection
AIF	AST Installation Inspection	UIF	UST Installation Inspection
	AST Installation Re-visit		UST Installation Re-visit
ACI	AST Closure Inspection	UCI	UST Closure Inspection
ACA	AST Closure Re-inspection	UCA	UST Closure Re-inspection
ADI	AST Compliance/Discharge Inspection (new report or evidence of discharge)	UDI	UST Compliance/Discharge Inspection (new report or evidence of discharge)
	AST Compliance/Discharge Re-inspection		UST Compliance/Discharge Re-inspection

DBP District or Local Program: BPC - Hillsborough County /29

EARL BAKER  
 Inspector Name (Print)  
  
 Inspector's Signature & Date  
 Phone: 272-5733 FAX: 276-2256

MAILED TO MR.  
 Contact Name (Print)  
 PATEL ON  
 Contact's Signature & Date  
 9-3-98



UNDERGROUND STORAGE TANK  
CLOSURE INSPECTION FORM

Name: PRESTO #23  
Facility I.D.#: 298625041  
Date: \_\_\_\_\_

Yes	No	Unk	N/A
-----	----	-----	-----

I. **REGISTRATION AND NOTIFICATION** 17-761.400 & 450 F.A.C. Comments: \_\_\_\_\_

1. All of the facility's tanks properly registered; .400	1.	X			
2. Proper notification made 30 days prior to tank(s) closure; .450 (1) (a)	2.	X			
3. Proper notice given 24 hours prior to storage tank(s) closure; 450 (4)	3.	X			

II. **CLOSURE PROCEDURES/STATUS** 17.761.800 Comments: \_\_\_\_\_

4. Certified contractor performed the tank removal(s); .740 (2)	4.	X			
5. Storage tank(s) properly closed and removed from the site; (2) (d)	5.	X			
6. Storage tank(s) properly closed and filled in place; (2) (d)	6.				X
7. Storage tank(s) properly closed within 90 days of discovery; (2) (a)	7.				X
8. All liquid & sludge removed from the tank(s); (2) (d)	8.	X			
9. Storage tanks properly purged or inerted prior to transport; (2) (d)	9.	X			
10. All piping capped and/or removed;	10.	X			
11. All monitoring wells left in place for contamination assessment purposes; (2) (f) <u>DISTROYED</u>	11.				X
12. All monitoring wells have been properly abandoned; .800 (2) (f) <u>DISTROYED</u>	12.				X
13. A closure assessment was properly performed; .800 (3). <u>EDI</u>	13.				X

III. **DISCHARGE REPORTING** 17-761.460, F.A.C. Comments: \_\_\_\_\_

14. Evidence of contamination or a discharge reported (Explain in comments) 460 (1), (2) and (3)	14.				X
15. Discharge Reporting Form (DRF) submitted; 460 (2)	15.				X

IV. **DISCHARGE RESPONSE** Comments: \_\_\_\_\_

16. Free product present; (Explain in comments)	16.				X
17. Free product being removed; 17-761.800 (3) (d) & 17-761.820 (2)	17.				X

Comments: \_\_\_\_\_

#13 NEEDED TO PERFORM LIMITED CLOSURE  
SUMMARY REPORT

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_\_\_ of \_\_\_\_\_  
Printed on: 09/01/98

Facility ID #: 298625041 Facility Type: A RETAIL STATION  
Facility Name: PRISCO FOOD STORE #23  
Facility Location: 4901 HWY 39 N, PLANT CITY, FL 33566-0000  
Facility Contact: JAYBSH V PATBL

County: HILLSBOROUGH

Phone: (813) 754-5547

Comment: 8-31-98 / 0831-1136 MET ON SITE WITH JERRY FROM  
HY-TECH FOR THE REMOVAL OF TWO (2) 8000 GAL USTS  
BOTH TANKS REST END TO END (SITUATED EAST + WEST)  
EASTERN TANK WAS REMOVED, HOWEVER THE WESTERN  
TANK COULD NOT BE REMOVED THIS DATE DUE TO A  
LIGHT POLE LOCATED NEXT TO THE TANK JERRY  
STATED THAT HE WOULD HAVE TO CONTACT THE ELECTRIC  
COMPANY TO REMOVE THE LIGHT POLE + WOULD RESCHEDULE  
THE REMOVAL OF THE SECOND TANK.

THE EASTERN TANK REMOVED, APPEARED TO BE IN GOOD  
CONDITION, NO HOLES, FRACTURES OR PITTING NOTED  
IF THE PIPING RUN FOR THE INSTALLATION OF THE NEW  
TANK IS THE SAME AS THE OLD, ALL PIPING WILL BE  
REMOVED, OTHERWISE IT WILL BE CAPPED.

SITE IS EDE, NO SAMPLING PERFORMED. REMOVED  
TANK WAS VENTURIED PRIOR TO DISPOSAL AT WEINER  
METALS.

9-2-98 / 0956-1045 OBSERVED 2<sup>ND</sup> TANK REMOVED  
FROM SITE. IT WAS VENTURIED + DISPOSED  
AT WEINER METALS.

SUBMIT LIMITED CLOSURE SUMMARY REPORT  
INCLUDING MANIFESTS FOR ~~THE~~ TANK DISPOSAL  
SLUDGES / PRODUCT REMOVED FROM THE SITE.

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page      OF       
 Printed on: 09/01/98  
 County: HILLSBOROUGH

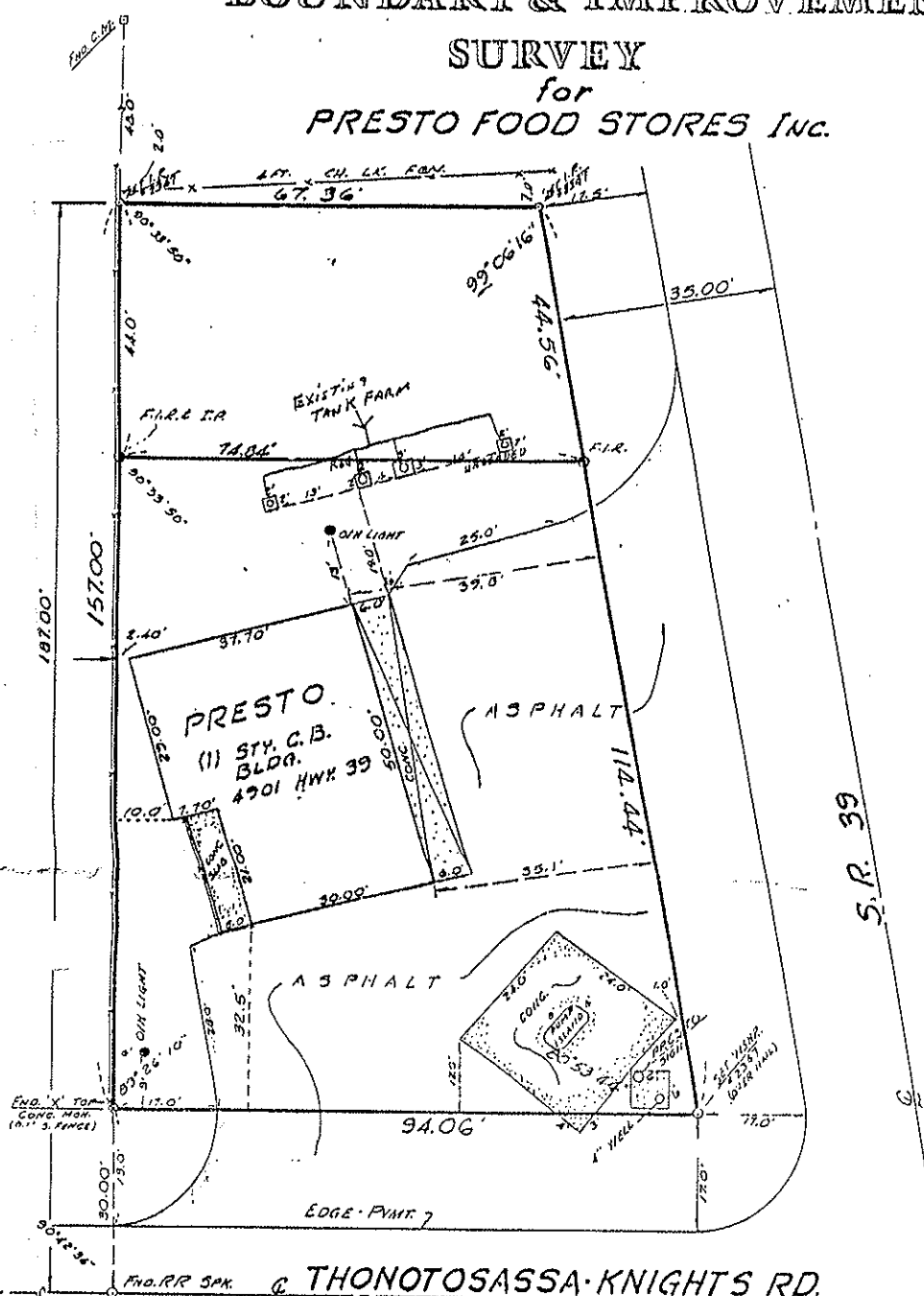
2 Tanks Listed for  
 Facility ID #: 298625041 Facility Type: A RETAIL STATION  
 Facility Name: PRESCO FOOD STORE #23  
 Facility Location: 4901 HWY 39 N, PLANT CITY, FL 33566-0000

S	DRP..	FAC..	SIZE.....	C	INST.	U	CONST	TTT	DATE	PIPE	LIT	DATE	MON..	SSP.....	RETROFIT
T	Tank	Tank		O	DATE	/	CODES			CODES			CODES	RBL	DATE
A	NUM	NUM		N		A								CDT	
T				T										DATES	
B	1		8,000	B	08/83	U	ACOM			BJ			BH	EDT 12-01-96	12-31-98
B	2		8,000	B	08/83	U	ACOM			BJ			BH	EDT 12-01-96	12-31-98



# BOUNDARY & IMPROVEMENT

## SURVEY for PRESTO FOOD STORES Inc.



LEASE DESCRIPTION (Ending Dec. 31, 1990)  
 The South 44 feet of the North 185 feet of the South 328 feet of the SW 1/4 of the NW 1/4 of Sec. 5, Twp. 28 S., Range 22 E. LYING WEST OF STATE ROAD 39.  
 NO UNDERGROUND FACILITIES HAVE BEEN LOCATED ON THIS SURVEY



SW corner  
 SW 1/4, NW 1/4,  
 SEC. 5-28-22


**DESCRIPTION (OR 3916 PG 729)**

That part of the South 143 feet of the SW 1/4 of the NW 1/4 of Section 5, Township 28 South, Range 22 East, lying West of the Railroad, LESS road right of way.

**FLOOD ZONE CERTIFICATE**

F.I.R.M. #120112 0260 C dated April 17, 1984 indicates FLOOD ZONE "C".

PREPARED TO: HILLSBORO SUNBANK, TRINKLE, REDMAN, MOODY & SWANSON, P.A.  
 and PRESTO FOOD STORES, INC.

CERTIFICATE I hereby certify that the survey shown hereon is in accordance with the "Minimum Standards" for Land Surveying in the State of Florida, Ch. 472.027 and 21:001-0 FAC.	 ANDREW T. EDGEMON Professional Land Surveyor Florida Certificate #23147	DATE 5 JAN 90	ANDREW T. EDGEMON Land Surveyor 3020 JIM REDMAN PARKWAY PLANT CITY, FLORIDA 33608 Phone (813) 764-5821	APPROVED BY: JWK ATE
		SHEETS 20		PRESTO FOODS

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Cover Page is of  
 printed on 1/17/97  
 County: HILLSBOROUGH

Facility ID: E-08675041 Facility Type: A RETAIL STATION  
 Facility Name: SWEET CO. FOOD STORE #23  
 Facility Location: 2901 HWY 19 N PLANT CITY, FL 33566-0000  
 Facility Contact: JAYESH W. PATEL Phone: (813) 754-3511  
 Owner: JAYESH W. PATEL Phone: (813) 754-3511  
 Owner Address: 2901 HWY 19 N PLANT CITY, FL 33566-0000  
 Owner Contact: JAYESH PATEL  
 Latitude: 28.0447 Longitude: 82-07-43 SS. INT. PR. 06-28-98  
 Open/Insert/Close Date Chg. Folio: 089417-0000  
 Reopened: No Contaminated: No  
 Water Source: NON-POBLYC ROYABLE  
 Alligate Release Detection: No Financial Responsibility: A  
 STATE PROGRAM: 3RD PARTY LIABILITY, ST CONTRACTOR

Time Spent Log:

Date (e.g., 2/25)	Hours	Initials	Description	Appointment Date
8-31-98	1.5	B	UIA	
9-8-98	1.25	B	UIA	
9-15-98	1	B	UIA	

3.75 Total Hours Spent

Activity Code	Description	Activity Code	Description
ATCI	AST Compliance Inspection	UTCI	UST Compliance Inspection
ATCR	AST Compliance Re-inspection	UTCR	UST Compliance Re-inspection
ATII	AST Installation Inspection	<input checked="" type="checkbox"/> UTII	UST Installation Inspection
ATIR	AST Installation Re-visit	<input checked="" type="checkbox"/> UTIR	UST Installation Re-visit
ATXI	AST Closure Inspection	<input checked="" type="checkbox"/> UTXI	UST Closure Inspection
ATXR	AST Closure Re-inspection	<input checked="" type="checkbox"/> UTXR	UST Closure Re-inspection
ATDI	AST Compliance/Discharge Inspection (new report or evidence of discharge)	<input checked="" type="checkbox"/> UTDI	UST Compliance/Discharge Inspection (new report or evidence of discharge)
ATDR	AST Compliance/Discharge Re-inspection	<input checked="" type="checkbox"/> UTDR	UST Compliance/Discharge Re-inspection

DEP District or Local Program: EPC - Hillsborough County /19

EARL BAKER  
 Inspector Name (Print)

MAILED TO MR.  
 Contact Name (Print)

[Signature]  
 Inspector's Signature & Date

JAYESH W. PATEL  
 Contact's Signature & Date  
 9-15-98

State of Florida  
 Department of Environmental Protection  
 Pollutant Storage Tank System  
 Inspection Report Form

Tank Listing Page: 02  
 Printed on: 12/31/97  
 County: HILLSBOROUGH

Facility ID: 6298625041 Facility Type: A - RETAIL STATION  
 Facility Name: PRESCO FOOD STORE #23  
 Facility Location: 4901 HWY 15 N, PLANT CITY, FL 33566-0000

SIZE	INST	U	CONSTR	DATE	PIPE	DATE	MON	SSP	RETROFIT
NUM	DATE	CODES	DATE	CODES	REL	DATE	DATE	DATE	
8,000	08/83	U	ACOM		BH	LD	12-01-96	12-31-98	
8,000	08/83	U	ACOM		BH	LD	12-01-96	12-31-98	

AM  
 C

3

15,000 IS 9/98 U CA OLRM NMSK F24H

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page 1 of 1  
Printed on: 12/31/97

Facility ID #: 298625041 Facility Type: A RETAIL STATION

Facility Name: PRESCO FOOD STORE #23

Facility Location: 4901 HWY 39 N, PLANT CITY, FL 33566-0000

Facility Contact: JAYESH V. PATEL

Phone: (813) 734-1511

County: HILLSBOROUGH

Comment: 8-31-98/0001000-1136 MET ON SITE WITH JERRY OF  
HY-TECH FOR THE INSTALLATION ON ONE (1) 15,000 GALLON  
UST.

TANK WAS INSPECTED. TANK IS A 15,000 GALLON  
AET-100 DOUBLE WALLED MODERN WELDING TANK.  
TANK APPEARED TO BE IN GOOD CONDITION.  
VACUUM ON TANK WAS 16" Hg FROM MANUFACTURER  
& WAS 14" Hg AT THE TIME OF DELIVERY. WILL BE  
USING OVER BURDEN FOR ANCHORING. TANK WILL  
BE BALLASTED WITH WATER UNTIL OVER BURDEN IS  
LIFTED.

9-2-98/0956-1045 TANK IN GROUND & BALLASTED  
WITH WATER, VAC 9" Hg.

9-8-98/1145-1235 ENVIRONMENTAL PIPING INSTALLED  
& PRESSURIZED TO 60 PSI ON PRIMARY & 6 PSI ON SECONDARY  
CONNECTIONS AT THE Sumps & DISPENSERS CHECKED.  
NO APPARENT LEAKS OBSERVED. BOTH Sump &  
DISPENSERS FILLED WITH WATER ABOVE GROUND POINTS.  
WATER LEVELS REMAINED STATIC. NO APPARENT  
LEAKS OBSERVED. SPILL CONTAINMENT FILLED WITH  
WATER, NO APPARENT LEAKS OBSERVED. ALL PIPING  
WILL BE BACK FILLED WITH WASHED SAND. VACUUM ON  
TANK REMAINED AT 9" Hg.

9-15-98/0911-0924 MET ON SITE W/ BILL OF HY-TECH FOR THE  
FINAL DISPENSERS CHECKED. STEAR VALVES ANCHORED  
Sumps CHECKED. LEAK DETECTOR PRESENT. BALL FLOAT OVER FILL.  
ALL FILL LIDS PROPER COLOR CODED. CONTINUED

State of Florida  
Department of Environmental Protection  
Pollutant Storage Tank System  
Inspection Report Form

Comment Page \_\_\_ of \_\_\_

Printed on: \_\_\_\_\_

Facility ID: 29862504 Facility Type: \_\_\_\_\_

Facility Name: FRACO # 26

County: HILLSBOROUGH

Facility Location: 4901 Hwy 39 PC 33566

Facility Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

Comment: NOTE: FACILITY MUST PERFORM & DOCUMENT MONTHLY VISUAL INSPECTIONS OF F SUMPS & DISPENSER LINES.

Inspector Name (Print) \_\_\_\_\_

Contact Name (Print) \_\_\_\_\_

Inspector's Signature & Date \_\_\_\_\_

Contact's Signature & Date \_\_\_\_\_

Phone: 272-5788 FAX: 272-7144



Uncle Ned's BBQ Restaurant  
(Site 11)



# Florida Department of Environmental Regulation

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

DER Form #	17-761.602(9)
Form Title	Discharge Reporting Form
Effective Date	December 12, 1990
DER Application No.	_____ (Filed in by DER)

## Discharge Reporting Form

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

1. Results of tank tightness testing that exceed allowable tolerances within ten days of receipt of test result.
2. Petroleum discharges exceeding 25 gallons on pervious surfaces as described in Section 17-761.400 F.A.C. within one working day of discovery.
3. Hazardous substance (CLEIOLA regulated), discharges exceeding applicable reportable quantities established in 17-701.400(2) F.A.C., within one working day of the discovery.
4. Within one working day of discovery of suspected releases confirmed by: (a) released regulated substances or pollutants discovered in the surrounding area, (b) unusual and unexplained storage system operating conditions, (c) monitoring results from a leak detection monitor from a tank closure assessment that indicates a release may have occurred, or (d) manual tank gauging results for tanks of 500 gal or less, exceeding ten gallons per weekly total or five gallons averaged over four consecutive weekly tests.

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

### PLEASE PRINT OR TYPE

Complete all applicable blanks

1. DER Facility ID Number: 29/9046761      2. Tank Number: UNKNOWN      3. Date: 5/05/92
4. Facility Name: Uncle Ned's Formerly Lou's Place  
 Facility Owner or Operator: Joanna Salisbury  
 Facility Address: 10625 Highway 39 North, Plant City, FL  
 Telephone Number: (813) 782-5966      County: Hillsborough  
 Mailing Address: P.O. Box 256, Crystal Springs, FL 33524
5. Date of receipt of test results or discovery: 5/05/92 month/day/yr.
6. Method of initial discovery. (circle one only)
 

A. Liquid detector (automatic or manual)	D. Emptying and inspection.	F. Vapor or visible signs of a discharge in the vicinity
B. Vapor detector (automatic or manual)	E. Inventory control.	<input checked="" type="radio"/> G. Closure: <u>OVR Due 500 ppt</u> (exp)
C. Tightness test (underground tanks only).		H. Other: _____
7. Estimated number of gallons discharged: UNKNOWN
8. What part of storage system has leaked? (circle all that apply)      A. Dispenser      B. Pipe      C. Fitting      D. Tank       E. Unknown
9. Type of regulated substance discharged. (circle one)
 

<input checked="" type="radio"/> A. leaded gasoline	D. vehicular diesel	L. used/waste oil	V. hazardous substance includes pesticides, ammo, chlorine and derivatives (write in name or Chemical Abstracts Service CAS number) _____
B. unleaded gasoline	F. aviation gas	M. diesel	Z. other (write in name) _____
C. gasohol	G. jet fuel	O. new/tube oil	
10. Cause of leak. (circle all that apply)
 

<input checked="" type="radio"/> A. Unknown	C. Loose connection	E. Puncture	G. Spill _____	I. Other (specify) _____
B. Spill	D. Corrosion	F. Installation failure	H. Overfill	
11. Type of financial responsibility. (circle one)
 

A. Third party insurance provided by the state insurance contractor	C. Not applicable
B. Self-insurance pursuant to Chapter 17-769.500 F.A.C.	D. None
12. To the best of my knowledge and belief all information submitted on this form is true, accurate, and complete.

Joanna Salisbury  
 Printed Name of Owner, Operator or Authorized Representative

Signature of Owner, Operator or Authorized Representative: \_\_\_\_\_



FLORIDA PETROLEUM LIABILITY INSURANCE AND RESTORATION PROGRAM COMPLIANCE CHECKLIST

DATE 5/21/92  
 DER Facility # 299046761  
 Facility Name UNCLF NEDS BRQ  
 Facility Address 10625 Highway 39 NORTH  
PLANT CITY FLA. 33565  
 Contact Person/Telephone JOANNA SALISBURY (813) 782-5966  
 Latitude 28/09/30 Longitude 82/09/60

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

**YES NO UNKNOWN** I. Compliance with Chapter 376.3072, Florida Statutes and Chapter 17-769, F.A.C.

- 1. Was any contamination discovered prior to January 1, 1989? If yes, explain.  
 \_\_\_\_\_  
 \_\_\_\_\_
- 2. Petroleum Liability Insurance Program Affidavit form completed? If yes, give date notarized. \_\_\_\_\_
- 3. Is the site insured by FPLIPA? If not, supply the carrier insured with, or other type of financial responsibility mechanism used.  
 \_\_\_\_\_
- 4. Restoration Coverage Notice of Eligibility issued? If yes, give effective date.  
 \_\_\_\_\_
- 5. Has site access ever been denied? \_\_\_\_\_
- 6. Has a Storage Tank Program compliance inspection ever been performed for this facility? If yes, give the date of the most recent inspection and supply a copy.  
9/16/91 and closure inspection on 5/5/92
- 7. Has the suspected petroleum storage system component responsible for the discharge been removed from service within 3 days of discovery. If no, explain.  
 \_\_\_\_\_  
 \_\_\_\_\_
- 8. Have steps to obtain cleanup services been initiated within 3 days of the discharge discovery? If no, explain.  
 \_\_\_\_\_  
 \_\_\_\_\_

II. Information Required for Site Scoring and Ranking

- 9. Is there evidence of a contamination problem? If yes, explain in comment section.

If yes to 9, check one:

- a. Two or more monitoring wells/boraholes show >2" free product.
- b. Only 1 monitoring well shows >2" free product or monitoring wells show <2" free product or petroleum sheen.