

# County of Volusia

## ENVIRONMENTAL MANAGEMENT

123 West Indiana Avenue • DeLand, Florida 32720-4612

Telephone: (904) 736-5927 • 254-4612 • 423-3303

SunCom 377-5927 • Fax 740-5193

December 13, 2000

Mr. S. Randy Stafford  
Florida Department of Transportation, District 5  
719 South Woodland Boulevard  
DeLand, Florida 32720

RE Florida Department of Transportation-Vacant Property  
560 South US Highway 17-92 & Barwick Road  
DeBary, Volusia County, Florida  
FDEP Facility ID# 649803355

Dear Mr. Stafford:

Volusia County Environmental Management (VCEM) has reviewed and accepted the Site Closure Report received November 20, 2000, submitted for the above referenced site.

Should you have any questions concerning this review, please call me at (904) 736-5927 extension 2096.

Sincerely,

Ronald E. Freeman, P.E.  
Manager  
Petroleum Storage Systems Program

C Grace Rivera, BPSS

REF/kp/C2k12009/TK 233.SHL



# LETTER OF TRANSMITTAL



**Westinghouse  
Remediation Services, Inc.**

☐ Miami Office:  
10025 N.W. 116th Way, Suite 12, Miami, Florida 33178  
Phone (305) 888-4090; Fax (305) 888-0140

☒ Tampa Office:  
221 Hobbs Street, Suite 108, Tampa Florida 33619  
Phone (813) 684-4400 (24 Hour Service);  
Fax (813) 684-9177

☐ Tallahassee Office:  
2441 Monticello Drive, Tallahassee, Florida 32303  
Phone (850) 531-9860; Fax (850) 531-9866

Project Name: DeBary Tank Removal (560 US 17/92)  
Contract Manager: Gary Winter  
Phone/Fax: (813) 684-4400/(813) 684-9177

To: Emma Jean Edmondson, Environmental Specialist  
Volusia County Environmental Management  
123 West Indiana Avenue  
DeLand, Florida 32720-4621

Date: 06/12/2000	Job No.: 200112
Attention: Emma Jean Edmondson	
Subject: Limited Tank Closure Report	
DeBary Tank Removal	
560 US Highway 17/92	

WE ARE SENDING YOU ☒ Attached ☐ Under Separate Cover via \_\_\_\_\_ the following items:  
☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications  
☒ Copy of Letter ☐ Change Order ☒ Other: \_\_\_\_\_

Copies	Date	Number	Description
1	6/12/2000	1	Limited Tank Closure Report (bound copy)
1	6/12/2000	2	Limited Tank Closure Report (unbound copy)

(If enclosures are not as noted, kindly notify this office)

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit \_\_\_\_\_ copies for approval  
☒ For your use ☐ Approved as noted ☐ Submit \_\_\_\_\_ copies for distribution  
☐ As requested ☐ Returned for corrections ☐ Return \_\_\_\_\_ corrected prints  
☐ Prints returned after loan to us ☐ For bids due \_\_\_\_\_, 19\_\_\_\_  
☒ Please forward to: Emma Jean Edmondson  
☐ For review and comment: \_\_\_\_\_

REMARKS:

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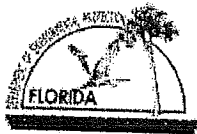
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COPIES PROVIDED FOR: Emma Jean Edmondson

SIGNED: Robert V. Enright, P.G.

*Robert V. Enright*

Please direct any questions to the Contract Manager at the Westinghouse office indicated above.



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

## Storage Tank Facility Registration Form

DEP Form # 62-761.900(2)
Form Title <u>Storage Tank Registration Form</u>
Effective Date: <u>July 13, 1998</u>
DEP Application No. _____ (Filled in by DEP)

Submit a completed form for the facility when registration of storage tanks or compression vessels is required by Chapter 376.303, Florida Statutes

Please review Registration Instructions before completing the form.

Please check all that apply	<input checked="" 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 type="checkbox"/> Tank Info Update/Correction

### A. FACILITY INFORMATION

County: <u>Volusia</u>	DEP Facility ID: <u>9803355</u>
Facility Name: <u>NA</u>	
Facility Address: <u>560 South US Hwy 17/92</u> City: <u>De Bary</u> Zip: <u>32713</u>	
Facility Contact: <u>NA</u>	
Facility Type(s): <u>G</u>	NAICS Code: <u>NA</u> Business Phone: <u>( ) NA</u>
Financial Responsibility: <u>None</u>	
24 Hour Emergency Contact: <u>NA</u> Emergency Phone: <u>( ) NA</u>	

**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>Florida Department of Transportation</u>	Facility - Responsible Person Relation Type:	Effective Date
Mail address: <u>719 South Woodland Blvd.</u>	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	
City, ST, Zip: <u>Deland, FL 32720</u>	Facility Account Owner information must be provided when the facility contains active (in-use) storage tanks on site.	
Contact: <u>S. Randy Stafford</u>	STCM Account Number (if known)	
Telephone: <u>(904) 943-5395</u>		
Identify other appropriate facility relationships for this party: <input type="checkbox"/> Facility Owner/Operator <input type="checkbox"/> Property Owner <input 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	600	1945	A, B, D	B 05/00	C	Y	X

Certified Contractor (performing tank installation or removal): Andrew James Hooper for WRS DBPR License No.: PC-C056793

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

Printed Name & Title: Robert V. Enright, Project Manager Signature: Robert V. Enright Date: 11-21-00

DEP 62-761.900(2)

Northwest District  
160 Governmental Center Blvd.  
Pensacola, FL 32501  
850-595-8360

Northeast District  
7825 Baymeadows Way,  
Suite B200  
Jacksonville, FL 32256  
904-448-4300

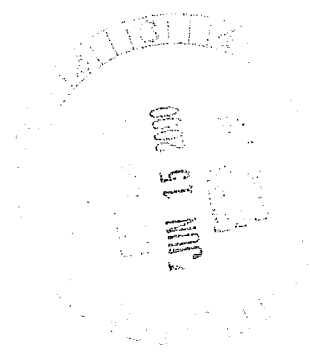
Central District  
3319 Maguire Blvd.,  
Suite 232  
Orlando, FL 32803  
407-894-7555

Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619  
813-744-6100

Southeast District  
400 North Congress Ave.,  
Fort Myers, FL 33901  
941-332-6975

South District  
2295 Victoria Ave.,  
Suite 364  
Fort Myers, FL 33901  
941-332-6975

Marathon Branch Office  
2796 Overseas Hwy.,  
Suite 221  
Marathon, FL 33050  
305-289-2310



**LIMITED TANK CLOSURE REPORT**

**DeBary Tank Removal  
560 US Highway 17/92  
DeBary, Volusia County, Florida  
FDOT Contract No. BB-695  
FDOT Project No. 240793-1-52-02  
WRS Project No. 200112**

*Submitted to:*

**State of Florida  
Department of Transportation  
719 South Woodland Boulevard  
DeLand, Florida 32720**

*Submitted by:*

**WRS Infrastructure and Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619  
Telephone: (813) 684-4400  
Fax: (813) 684-9177**

**June 2000**

6-16-00  
Requested a DNF  
from ~~Randy~~ Gary @ WRS



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D	Non-Hazardous Waste Manifest
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F	Limited Closure Summary Report Form



## **1.0 INTRODUCTION**

### ***1.1 Purpose***

WRS Infrastructure and Environment, Inc. (WRS) was authorized by the Florida Department of Transportation (FDOT) under State Project No. 79040-3544, Contract BB-695, to perform source removal activities at 560 US Highway 17/92, DeBary, Volusia County, Florida. The purpose of the underground storage tank (UST) removal was the removal and disposal of the tank. In addition any remaining fluids or residual contents (sludge) inclusive of the investigation and adjacent hydrocarbon-impacted soils will be removed.

It is understood that the FDOT is currently in the process of roadway construction along US 17/92 within the area of Old DeLand Road to Plantation Road. During the installation of a force main on the west side of US 17/92, a UST was encountered by the contractor.

### ***1.2 Site Description and History***

The project is located at 560 US 17/92 in DeBary, Volusia County, Florida. The site is located within Section 4, Township 19 south, Range 30 east of the Sanford, Florida United States Geological Survey (USGS) 7.5-minute topographic quadrangle map. A site vicinity map is provided as Figure 1.

A search of the Florida Department of Environmental Protection (FDEP) Storage Tank Inventory (STI) database did not reveal any records of USTs at the subject site. Residents that border the subject site informed WRS personnel that a service station was active at the subject site from approximately the early 1940's to the late 1960's. The fueling facility that was encountered, consisted of one unmaintained UST, a pump island consisting of a small amount of concrete and approximately 15 feet of fuel dispensing metal pipe. Due to the age of the tank, the contents may have included leaded gasoline, unleaded gasoline and vehicular diesel fuel. A site map is provided as Figure 2 illustrating the former location of the UST.

### ***1.3 Quality Assurance***

All work was performed in compliance with the regulatory guidelines as set forth in Chapter 62-770, Florida Administrative Code (FAC) and with the WRS' site-specific Health and Safety Plan. Additionally, all sampling was performed in accordance with WRS' Comprehensive Quality Assurance Plan (CompQAP) No. 970170 on file with the FDEP. Laboratory analyses were performed by Southern Research Laboratories, Inc. (SRL) of Orlando, Florida, CompQAP No. 940079.



## **2.0 TANK REMOVAL ACTIVITIES**

On May 16, 2000, WRS mobilized to the site to initiate UST removal activities. In order to determine the contents of the UST, the soil surrounding the fill port of the UST was excavated by hand. The interior of the UST was observed and there were no sludges, petroleum product or petroleum contact water within the UST. The concrete/asphalt pavement materials were removed from the tank area and stockpiled on-site. The size of the UST was determined to be approximately 600 gallons. WRS conducted exploratory trenching to search for additional USTs. The exploratory trenches were 3.5 to 4 feet below land surface (ftbls) deep, 15 feet north and 40 feet south of the UST and 10 feet in width. No additional USTs or fuel dispensing piping were encountered. Figure 3 depicts the location of the trenches.

The removed soil and pavement were field screened for hydrocarbon vapors and background levels of methane using a handheld Foxboro 108 and/or 128 organic vapor analyzer (OVA), in accordance with Chapter 62-770.200, FAC. The non petroleum-impacted pavement was stockpiled on-site for later disposal. The non-impacted soil overburden was also stockpiled on-site for future use as clean backfill. At the end of the days' site activities, the exploratory trenches were backfilled, safety cones and caution tape were placed around the perimeter of the UST excavation area.

On May 17, 2000, WRS remobilized to the site to conduct additional UST removal activities. Ms. Emma Jean Edmondson, Environmental Specialist with Volusia County Environmental Management, arrived on-site to observe site activities. A copy of Ms. Edmondson's Storage Tank Facility Compliance Inspection Report is located in Appendix A. Ms. Edmondson noted on her inspection report that no free product was observed in or around the excavation area. Mr. Perry Ellis of the Volusia County Fire Department was telephoned; a message was left with the department regarding notification of the UST removal. The UST was purged with dry ice, then the atmosphere within the tank was monitored to determine if a proper purge of oxygen had ensued and if conditions were acceptable for cutting the tank. An MSA Portable Alarm Combustible Gas and Oxygen Meter (Model 261) was used to monitor levels of O<sub>2</sub> and Lower Explosive Limit (LEL). A Geotech Anagas CD95 meter was utilized to monitor levels of CO<sub>2</sub>. When the proper levels of gases (O<sub>2</sub> and LEL at a minimum, CO<sub>2</sub> at a maximum) were obtained, the UST was removed from the tank pit and placed upon Visqueen. The upper half of the UST was ripped open with pneumatically-powered metal shears. OilDry absorbent was placed in the interior of the UST and swept up as a final decontamination procedure, the OilDry was placed on to the impacted soil stockpile. The UST was given a final inspection to insure that all contaminants, if any, were removed from the tank's interior.

WRS collected six soil samples, SS001 through SS006, from two soil borings, SB001 and SB002, for OVA analysis to confirm or deny the presence of impacted soil in the tank vault area. Results of the OVA analysis are summarized in Table 1. Soil boring locations are depicted on Figure 4. Based on the OVA analysis, 18 cubic yards of



impacted soil were removed from the tank pit area and placed upon Visqueen. The depth of the excavation was below the groundwater table, approximately 7.5 to 8 ftbls, and the width and length were 10 feet and 15 feet, respectively. Temporary monitor wells TMW001, TMW002 and TMW003 were installed to depths of 9 ftbls; groundwater was encountered at approximately 7.5 to 8 ftbls. Temporary monitor well locations are depicted on Figure 4. The groundwater was then sampled from the three wells for EPA Methods 8021 and 8310, and transported to SRL for analysis. A summary of the results are located in Table 2; a copy of the laboratory analytical report can be found in Appendix B. After the impacted soil excavation was completed, approximately 20 cubic yards of clean fill were used to backfill the excavation. At the end of the days' site activities, Visqueen was placed over the impacted soil stock pile and the UST; safety cones and caution tape were placed around the perimeter of the area.

On May 19, 2000, remobilized to the site to conduct additional site activities. WRS transported the decontaminated and dismantled UST to Aaron Scrap Metals of Apopka, Florida for disposal. Appendix C provides a copy of the disposal receipt for the tank carcass.

On May 25, 2000, WRS remobilized to the site to conduct additional site activities. WRS contracted with Star Trucking of Apopka, Florida to transport 16.8 tons of petroleum-impacted soil to C. A. Meyer Paving and Construction Company (Meyer) of Clermont, Florida for thermal treatment. A pre-burn soil sample was collected and all parameters were within Meyer disposal guidelines. A copy of the non-hazardous waste manifest is provided in Appendix D.

### **3.0 SUMMARY OF GROUNDWATER ANALYSIS**

On May 17, 2000, WRS installed temporary monitor wells TMW001, TMW002 and TMW003. The wells were sampled for EPA Methods 8021 and 8310. TMW001 was installed directly underneath the former location of the UST. TMW002 was installed 20 feet directly north of TMW001 and TMW003 was installed 25 feet directly south of TMW001.

Compounds detected in TMW001 and their associated levels are: benzene at 118 micrograms per liter ( $\mu\text{g/l}$ ), toluene at 91  $\mu\text{g/l}$ , ethylbenzene at 27  $\mu\text{g/l}$ , total xylenes at 137  $\mu\text{g/l}$ , naphthalene at 25  $\mu\text{g/l}$ , 1-methylnaphthalene at 5.7  $\mu\text{g/l}$  and 2-methylnaphthalene at 16  $\mu\text{g/l}$ . One compound was detected in TMW-002, benzo (b) fluoranthene at 0.4  $\mu\text{g/l}$ . All compounds in TMW003 were below detectable limits (BDL) of the laboratory's instrumentation.





#### **4.0 CONCLUSIONS**

During the course of site activities, WRS performed the following tasks:

- Excavation and disposal of one 600-gallon steel UST.
- Excavation and thermal treatment of 16.8 tons of petroleum-impacted soil.
- Installation of 3 temporary monitor wells.
- Groundwater sampling of the temporary monitor wells by EPA Methods 8021 and 8310.
- Backfilling the former tank vault area with 18 cubic yards of clean fill.



## **TABLES**

Table 1

## Summary of OVA Results

Soil Boring ID	Soil Sample ID	Date	Depth (ftbls)	OVA Reading Unfiltered	OVA Reading Filtered	Net OVA Reading
SB001	SS001	5/17/00	5.5	>10,000	0	>10,000
	SS002		6.5	>10,000	1,200	8,800
	SS003		7.5	300	100	200
SB002	SS004		5.5	>10,000	30	9,700
	SS005		6.5	>10,000	9,800	200
	SS006		7.5	>10,000	1,000	9,000

ftbls = feet below land surface

units = parts per million (ppm)

TABLE 2

## Summary of Laboratory Analytical Results

Well No.	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Naphthalene	2-Methyl	1-Methyl	Benzo (b)
GCTL		1	40	30	20	20	20	20	0.2
NADSC		100	400	300	200	200	200	200	20
TMW001	5/17/00	<b>118</b>	<b>91</b>	27	<b>137</b>	<b>25</b>	16	5.7	ND
TMW002		ND	ND	ND	ND	ND	ND	ND	<b>0.4</b>
TMW003		ND	ND	ND	ND	ND	ND	ND	ND

**Notes**

GCTL = Groundwater Cleanup Target Level, Table V, 62-770, FAC

NADSC - Natural Attenuation Default Source Concentration, Table IX, 62-770, FAC

ND = Not Detected

1-Methyl = 1-Methylnaphthalene

2-Methyl = 2-Methylnaphthalene

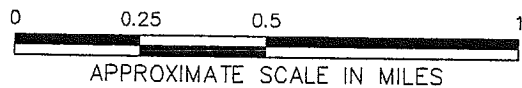
Benzo (b) = Benzo (b) fluoranthene

All data recorded in micrograms per liter

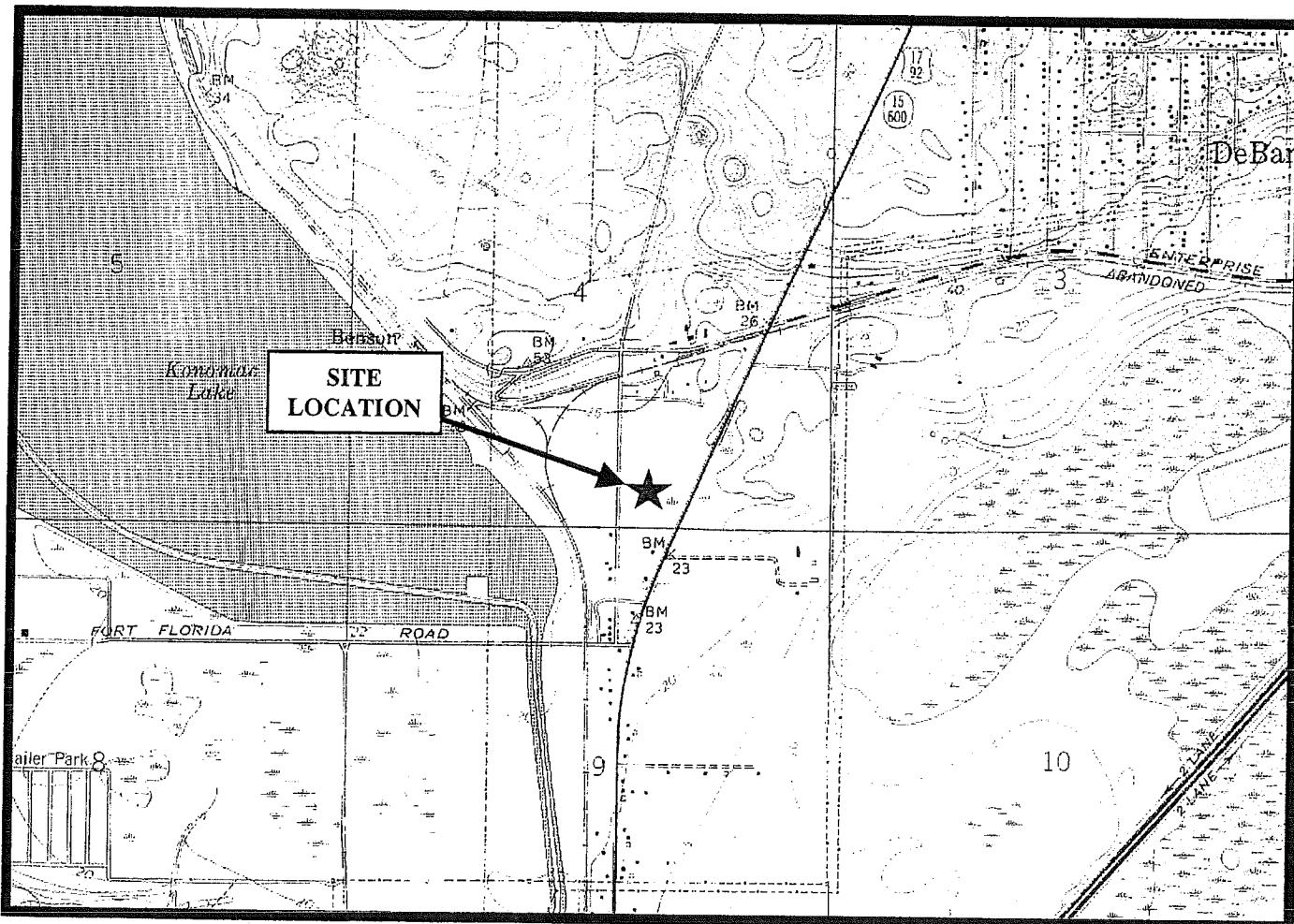
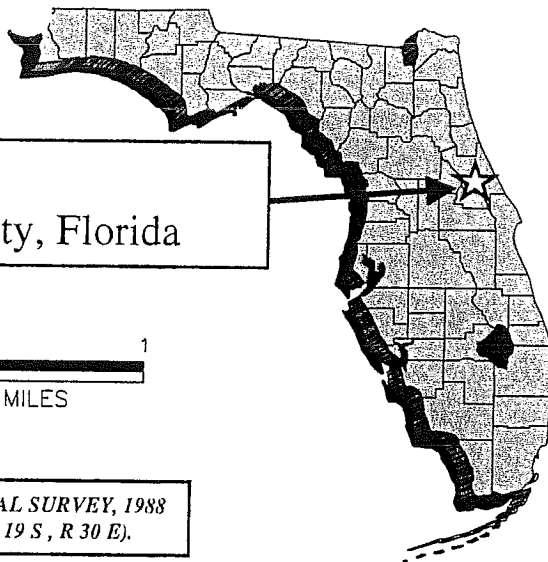
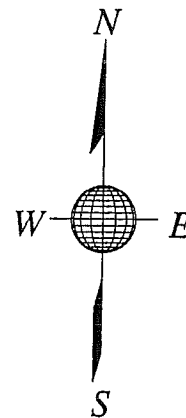
**Bolded and shaded values exceed GCTL**

## FIGURES

Site Location:  
DeBary, Volusia County, Florida



SOURCE: UNITED STATES GEOLOGICAL SURVEY, 1988  
SANFORD QUADRANGLE ( SEC 4, T 19 S, R 30 E).



DRAWING STATUS ☐ DRAFT ☒ FINAL

PROJECT NO.: 200112

SCALE: AS SHOWN

REVISION NO.:

REV DATE:

CADD ID: 20011202.PPT

DRN BY: S.J.T.

PROJECT MANAGER: GARY WINTER

PLOT DATE: 5/25/00

DRN DATE: 5/25/00

CHK BY: M.B.

APPVD BY: G.W.

CHK DATE: 5/25/00

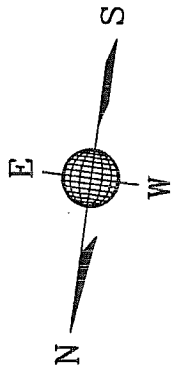
APPVD DATE: 5/25/00



**WRS Infrastructure &  
Environment, Inc.**

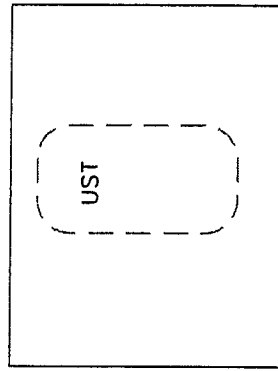
221 HOBBS STREET, SUITE 108, TAMPA, FLORIDA 33619  
PH: (813) 684-4400 FAX: (813) 684-9177

**FIGURE 1  
SITE VICINITY MAP  
DEBARY TANK REMOVAL  
560 US HIGHWAY 17/92  
DEBARY, VOLUSIA COUNTY, FLORIDA**



NOT TO SCALE

US HIGHWAY 17/92



© UTILITY  
POLE

PAVEMENT AREA

RESIDENCE  
560 HWY 17/92



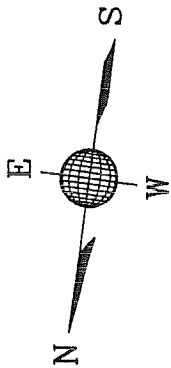
**WRS Infrastructure &  
Environment, Inc.**

221 HOBBS STREET, SUITE 108, TAMPA, FLORIDA 33619  
PH: (813) 684-4400 FAX: (813) 684-9177

**FIGURE 2  
SITE MAP**

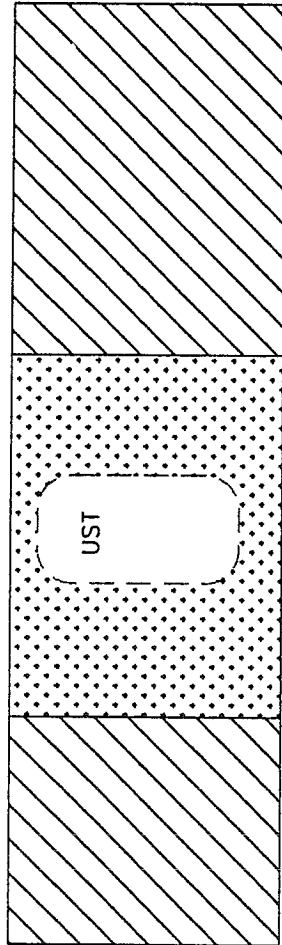
**DEBARY TANK REMOVAL  
560 US HIGHWAY 17/92  
DEBARY, VOLUSIA COUNTY, FLORIDA**

DRAWING STATUS	DRAFT	FINAL
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PROJECT MANAGER:	GARY WINTER	
SCALE:	NOT TO SCALE	
REVISION NO.:	0	REV DATE: 6/6/00
CADD ID:	200112-002	PLOT DATE: 5/25/00
DRN BY:	S.J.T.	DRN DATE: 6/6/00
CHK BY:	M.B.	CHK DATE: 6/6/00
APPVD BY:	G.W.	APPVD DATE: 6/6/00

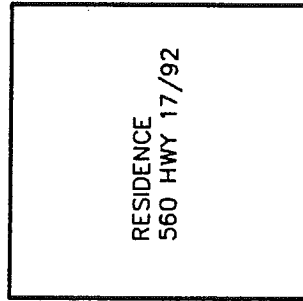


NOT TO SCALE

US HIGHWAY 17/92



UTILITY  
POLE



# LEGEND:



IMPACTED SOIL REMOVAL AREA



EXPLORATORY EXCAVATIONS

DRAWING STATUS	DRAFT	FINAL
PROJECT NO. :	200112	
PROJECT MANAGER:	GARY WINTER	
SCALE:	NOT TO SCALE	
REVISION NO.:	0	REV DATE: 6/6/00
CADD ID:	200112-003	PLOT DATE: 5/25/00
DRN BY:	S.J.T.	CHK DATE: 6/6/00
CHK BY:	M.B.	APPVD DATE: 6/6/00
APPVD BY:	G.W.	

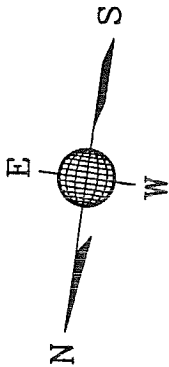


**WRS Infrastructure &  
Environment, Inc.**

221 HOBBS STREET, SUITE 108, TAMPA, FLORIDA 33619  
PH: (813) 684-4400 FAX: (813) 684-9177

**FIGURE 3**  
**IMPACTED SOIL AND EXPLORATORY  
EXCAVATION MAP**  
**DEBARY TANK REMOVAL**  
**560 US HIGHWAY 17/92**  
**DEBARY, VOLUSIA COUNTY, FLORIDA**

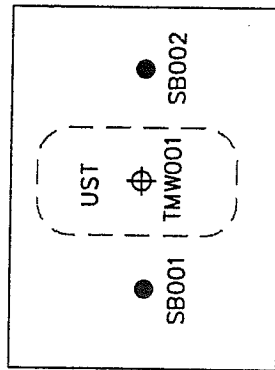




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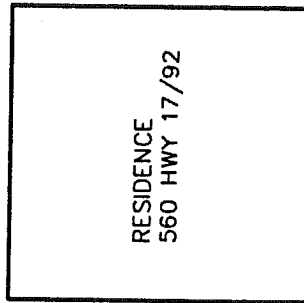
US HIGHWAY 17/92

⊕ TMW002  
UTILITY  
POLE



PERIMETER OF  
IMPACTED SOIL  
EXCAVATION

⊕ TMW003



### LEGEND:

⊕ TEMPORARY MONITOR WELL LOCATION (TMW)

● SOIL BORING LOCATION (SB)

DRAWING STATUS: DRAFT ☐ FINAL ☒

PROJECT NO.: 200112

PROJECT MANAGER: GARY WINTER

SCALE: NOT TO SCALE

REVISION NO.: 0 REV DATE: 6/6/00

CADD ID: 200112-001 PLOT DATE: 5/25/00

DRN BY: S.J.T. DRN DATE: 6/6/00

CHK BY: M.B. APPVD DATE: 6/6/00

APPVD BY: G.W.



**WRS Infrastructure &  
Environment, Inc.**

221 HOBBS STREET, SUITE 108, TAMPA, FLORIDA 33619  
PH: (813) 684-4400 FAX: (813) 684-9177

**FIGURE 4**  
**SOIL BORING AND TEMPORARY**  
**MONITOR WELL LOCATION MAP**  
**DEBARY TANK REMOVAL**  
**560 US HIGHWAY 17/92**  
**DEBARY, VOLUSIA COUNTY, FLORIDA**

**APPENDIX A**

**STORAGE TANK FACILITY COMPLIANCE  
INSPECTION REPORT (VOLUSIA COUNTY)**



Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400  
Division Of Waste Management  
Bureau of Petroleum Storage Systems

Storage Tank Facility Compliance Inspection Report

5605.05 HWY 17-92 DEBARV

Facility ID

County

64

Inspection Date

5-16-00

Facility Name

DOT / Lake Villa Estates

Facility Type

Latitude

°

'

''

Longitude

°

'

''

# USTs

# ASTs

Check box for type of inspection performed and attach appropriate form(s). Provide or correct latitude/longitude when appropriate.

Compliance Inspection (Annual)	TCI	Discharge Inspection/Evaluation	TDI
Compliance Inspection (DRF received)	TCDI	Installation Inspection	TIN
Compliance Inspection (Complaint received)	TCPI	Closure Inspection	TXI
Compliance Re-Inspection	TCR		X

Rule Cite

Description / Inspector's Comments

516 DOT during road work. Discovered UST ~1000 gal.  
Contained gas - no FL or water in tank

517 No more tanks found. In process of pulling tank.  
Well in dry ice. Taking soil samples - installing temp  
well for water sample.  
(Petroleum odor).

Used to be a gas station in 40's  
WRS - Michael Baker

Financial Responsibility - Verify owner's coverage. Select Insurance or Other, and provide Mechanism, if appropriate.

Insurance Carrier: Effective Date: Expiration Date:

Other Coverage meeting federal financial responsibility requirements. Mechanism:

X None

Based upon the inspection results and information provided by the owner/operator, this facility appears to meet the requirements of Florida Administrative Code 62-761.  
re-inspection will be scheduled on or after days to verify correction of the non-compliance items noted

Storage Tank Program Office

Storage Tank Program Office Phone Number

Inspector Name - Please Print

Facility Representative Name - Please Print

Emma Jean Edmundson 5-16-00

Inspector Signature & Date

WRS

Facility Representative Signature & Date

**APPENDIX B**

**LABORATORY ANALYTICAL RESULTS**



Southern  
Research  
Laboratories, Inc.

3477 Parkway Center Court  
Orlando, Florida 32808  
(407) 522-7100 Fax (407) 522-7043  
Toll Free 1(888) 420-Test

Thank you **Mr. Gary Winter** for the opportunity to be of service to you and your company,  
we Sincerely Appreciate Your Business.

Client Name: WRS Infrastructure & Environment, Inc.	Phone Number: (813) 684-4400
Contact Name: <b>Gary Winter</b>	Fax Number: (813) 684-9177
Project Name: DeBary Tank Removal	Date Received: 05/17/00
Project Number: 200112	Time Received: 16:40
Date(s) Collected: 05/17/00	SRL Work Order # 00-05059

SRL WO #	Clients #	Matrix	Analysis Requested
0005059-1	TMW-001	Liquid	EPA 8021(VOA)/8100
0005059-2	PB-1	Solid	Preburn, Non-Virgin
0005059-3	TMW-002	Liquid	EPA 8021(VOA)/8100
0005059-4	TMW-003	Liquid	EPA 8021(VOA)/8100

Sherri Payne  
Vice President & Quality Assurance Officer  
Southern Research Laboratories, Inc.

Southern Research Laboratories, Inc.  
an MBE Environmental Laboratory  
3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

Lab QAP #: 940079  
FDOH Cert #: E83484  
SRL Lab Ref #: 00-05059  
Received Date: 05/17/00

Gary Winter  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
200112  
DeBary Tank Removal  
DeBary FL

Client ID#: TMW-001  
SRL (Lab) ID#: 0005059-1  
Date Collected: 05/17/00 11:40

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>8021.B VOA {602} Compounds in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Methyl-tert-butyl-ether	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Benzene	118	ug/L	5030/8021B	1	05/26/00	05/26/00
Toluene	91	ug/L	5030/8021B	1	05/26/00	05/26/00
Chlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Ethylbenzene	27	ug/L	5030/8021B	1	05/26/00	05/26/00
m & p Xylene	81	ug/L	5030/8021B	2	05/26/00	05/26/00
o-Xylene	56	ug/L	5030/8021B	1	05/26/00	05/26/00
1,3-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
1,4-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
1,2-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
<b>Polynuclear Aromatic Hydrocarbons (PAHs) in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Naphthalene	25	ug/L	3510/8100	5.0	05/22/00	05/23/00
2-Methylnaphthalene	16	ug/L	3510/8100	5.0	05/22/00	05/23/00
1-Methylnaphthalene	5.7	ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Phenanthrene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluoranthene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (a) anthracene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (b) fluoranthene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (a) pyrene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (g,h,i) perylene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthylene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluorene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Anthracene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Pyrene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Chrysene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (k) fluoranthene	0.5	U ug/L	3510/8100	0.5	05/22/00	05/23/00
Indeno (1,2,3-cd) pyrene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Dibenzo (a,h) anthracene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effect Dilution Factor.

Southern Research Laboratories, Inc.  
an MBE Environmental Laboratory  
3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

Lab CQAP # : 940079  
FDOH Cert # : E83484  
SRL Lab Ref # : 00-05059  
Received Date : 05/17/00

Gary Winter  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
200112  
DeBary Tank Removal  
DeBary FL

Client ID# : TMW-002  
SRL (Lab) ID# : 0005059-3  
Date Collected : 05/17/00 13:45

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>8021.B VOA {602} Compounds in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Methyl-tert-butyl-ether	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Benzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Toluene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Chlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
Ethylbenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
m & p Xylene	2	U ug/L	5030/8021B	2	05/26/00	05/26/00
o-Xylene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
1,3-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
1,4-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
1,2-Dichlorobenzene	1	U ug/L	5030/8021B	1	05/26/00	05/26/00
<b>Polynuclear Aromatic Hydrocarbons (PAHs) in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Naphthalene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
2-Methylnaphthalene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
1-Methylnaphthalene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Phenanthrene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluoranthene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (a) anthracene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (b) fluoranthene	0.4	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (a) pyrene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (g,h,i) perylene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthylene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluorene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Anthracene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Pyrene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Chrysene	5.0	U ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (k) fluoranthene	0.5	U ug/L	3510/8100	0.5	05/22/00	05/23/00
Indeno (1,2,3-cd) pyrene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00
Dibenzo (a,h) anthracene	0.2	U ug/L	3510/8100	0.2	05/22/00	05/23/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effect Dilution Factor.

Southern Research Laboratories,  
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3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

L. QAP #: 940079  
FDOH Cert #: E83484  
SRL Lab Ref #: 00-05059  
Received Date : 05/17/00

Gary Winter  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
200112  
DeBary Tank Removal  
DeBary FL

Client ID# : TMW-003  
SRL (Lab) ID# : 0005059-4  
Date Collected : 05/17/00 14:30

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>8021.B VOA {602} Compounds in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Methyl-tert-butyl-ether	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
Benzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
Toluene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
Chlorobenzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
Ethylbenzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
m & p Xylene	2 U	ug/L	5030/8021B	2	05/26/00	05/26/00
o-Xylene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
1,3-Dichlorobenzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
1,4-Dichlorobenzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
1,2-Dichlorobenzene	1 U	ug/L	5030/8021B	1	05/26/00	05/26/00
<b>Polynuclear Aromatic Hydrocarbons (PAHs) in Water by GC</b>			<b>MEDF</b>	<b>1</b>		
Naphthalene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
2-Methylnaphthalene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
1-Methylnaphthalene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Phenanthrene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluoranthene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (a) anthracene	0.2 U	ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (b) fluoranthene	0.2 U	ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (a) pyrene	0.2 U	ug/L	3510/8100	0.2	05/22/00	05/23/00
Benzo (g,h,i) perylene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Acenaphthylene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Fluorene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Anthracene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Pyrene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Chrysene	5.0 U	ug/L	3510/8100	5.0	05/22/00	05/23/00
Benzo (k) fluoranthene	0.5 U	ug/L	3510/8100	0.5	05/22/00	05/23/00
Indeno (1,2,3-cd) pyrene	0.2 U	ug/L	3510/8100	0.2	05/22/00	05/23/00
Dibenzo (a,h) anthracene	0.2 U	ug/L	3510/8100	0.2	05/22/00	05/23/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effected Dilution Factor.



Southern Research Laboratories,  
an MBE Environmental Laboratory  
3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

L QAP #: 940079  
FDOH Cert #: E83484  
SRL Lab Ref #: 00-05059  
Received Date : 05/17/00

Gary Winter  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
200112  
DeBary Tank Removal  
DeBary FL

Client ID# : PB-1  
SRL (Lab) ID# : 0005059-2  
Date Collected : 05/17/00 13:15

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
8021.B-LL VOH Compounds in Soils (Low Level) by GC			MEDF	1		
Dichlorodifluoromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Chloromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Vinyl Chloride	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Bromomethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Chloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Trichlorofluoromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1-Dichloroethene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Methylene Chloride	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Trans-1,2-Dichloroethene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1-Dichloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
2,2-Dichloropropane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Cis-1,2-Dichloroethene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Chloroform	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Bromochloromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1,1-Trichloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1-Dichloropropene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Carbon tetrachloride	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2-Dichloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Trichloroethene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2-Dichloropropane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Bromodichloromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
2-Chloroethylvinyl Ether	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Dibromomethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Cis-1,3-Dichloropropene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Trans-1,3-Dichloropropene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1,2-Trichloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,3-Dichloropropane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Tetrachloroethene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Dibromochloromethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effect Dilution Factor.

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an MBE Environmental Laboratory  
3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

Lab CQAP #: 940079  
FDOH Cert #: E83484  
SRL Lab Ref #: 00-05059  
Received Date : 05/17/00

**Gary Winter**  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
**200112**  
**DeBary Tank Removal**  
**DeBary FL**

**Client ID# : PB-1**  
**SRL (Lab) ID# : 0005059-2**  
**Date Collected : 05/17/00 13:15**

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>8021.B~LL VOH Compounds in Soils (Low Level) by GC</b>			<b>MEDF</b>	<b>1</b>		
1,2-Dibromoethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Chlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Bromobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1,1,2-Tetrachloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Bromoform	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,1,2,2-Tetrachloroethane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2,3-Trichloropropane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
2-Chlorotoluene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
4-Chlorotoluene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,3-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,4-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2-Dibromo-3-Chloropropane	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2,4-Trichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Hexachlorobutadiene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2,3-Trichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
<b>8021.B~LL VOA Compounds in Soils (Low Level) by GC</b>			<b>MEDF</b>	<b>1</b>		
Methyl-tert-butyl-ether	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Benzene	15.8	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Toluene	87.2	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Chlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
Ethylbenzene	583	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
m & p Xylene	612	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
o-Xylene	22.6	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,3-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,4-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00
1,2-Dichlorobenzene	1.00 U	ug/Kg	5035/8021B	1.00	05/23/00	05/23/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effected Dilution Factor.

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Lab CQAP #: 940079  
FDOH Cert #: E83484  
SRL Lab Ref #: 00-05059  
Received Date : 05/17/00

Gary Winter  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
200112  
DeBary Tank Removal  
DeBary FL

Client ID# : PB-1

SRL (Lab) ID# : 0005059-2

Date Collected : 05/17/00 13:15

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>6010B RCRA Metals in Soil &amp; Wastes by ICP</b>				<b>MEDF</b>	<b>1</b>	
Arsenic (As)	0.75 U	mg/Kg	3050/6010B	0.75	05/19/00	05/19/00
Barium (Ba)	12.0	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Cadmium (Cd)	1.00 U	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Chromium (Cr)	1.70	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Lead (Pb)	11.0	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Selenium (Se)	1.00 U	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Silver (Ag)	1.00 U	mg/Kg	3050/6010B	1.00	05/19/00	05/19/00
Mercury (Hg) (Cold Vapor AA)	0.10 U	mg/Kg	7471A	0.10	05/19/00	05/19/00
<b>PCBs in Soils/Solids by GC</b>				<b>MEDF</b>	<b>1</b>	
PCB-1016	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1221	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1232	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1242	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1248	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1254	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1260	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1262	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
PCB-1268	20 U	ug/Kg	3550/8082	20	05/22/00	05/24/00
<b>FL-PRO (Petroleum Range Organic)~(Soils)</b>				<b>MEDF</b>	<b>3</b>	
FL-PRO (C8 to C40)	73.1	mg/Kg	FL-PRO	6.00	05/19/00	05/19/00
Halogens, Total Organic (TOX)	10 U	mg/Kg	5050/9253A	10	05/24/00	05/24/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effected Dilution Factor.

**Southern Research Laboratories, Inc.**  
an MBE Environmental Laboratory  
3477 Parkway Center Court  
Orlando, Florida 32808-1047 (407) 522-7100

Lab CQAP # : 940079  
FDOH Cert # : E83484  
SRL Lab Ref # : 00-05059  
Received Date : 05/17/00

**Gary Winter**  
WRS Infrastructure & Environment, Inc.  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619 (813) 684-4400

Project Number/Project Name  
**200112**  
**DeBary Tank Removal**  
**DeBary FL**

**Client ID# : TMW-001**  
SRL (Lab) ID# : 0005059-1 {second vial at a dilution of five}  
Date Collected : 05/17/00 11:40

PARAMETER	RESULT	UNITS	METHOD	DET. LIMIT	DATE EXTRACTED	DATE ANALYZED
<b>8021.B VOA {602} Compounds in Water by GC</b>			<b>MEDF</b>	<b>5</b>		
Methyl-tert-butyl-ether	5 U	ug/L	5030/8021B	5	05/26/00	05/26/00
Benzene	118	ug/L	5030/8021B	5	05/26/00	05/26/00
Toluene	96	ug/L	5030/8021B	5	05/26/00	05/26/00
Chlorobenzene	5 U	ug/L	5030/8021B	5	05/26/00	05/26/00
Ethylbenzene	34	ug/L	5030/8021B	5	05/26/00	05/26/00
m & p Xylene	88	ug/L	5030/8021B	10	05/26/00	05/26/00
o-Xylene	60	ug/L	5030/8021B	5	05/26/00	05/26/00
1,3-Dichlorobenzene	5 U	ug/L	5030/8021B	5	05/26/00	05/26/00
1,4-Dichlorobenzene	5 U	ug/L	5030/8021B	5	05/26/00	05/26/00
1,2-Dichlorobenzene	5 U	ug/L	5030/8021B	5	05/26/00	05/26/00

U = indicates the compound was analyzed for, but not detected. The numerical value preceding the "U" is the limit of detection for that compound based upon the dilution. MEDF = Matrix Effected Dilution Factor.

# CHAIN OF CUSTODY RECORD

Southern  
Research  
Laboratories, Inc.

Laboratory WO# : 01-004

3477 Parkway Center Court  
Orlando, Florida 32808

Lab: (407) 522-7100 Toll Free " Dial" 1(888) 420-TEST Fax: (407) 522-7043

Report/Invoice to: (Company or Individual)

Address: (city state zip)

Phone/Fax Number:

Page 01 of 01

Client Project Name:		Client Project Number:		Project Manager Receiving Report:	
WAS TAMPA		200112		G. WINTEN	
Sample Identification:		Date Collected:	Time Collected:	ANALYSIS REQUESTED	
ITEM #				SPECIES NAME or EPA TEST METHOD(s), then X Boxes below.	
1	TAMW-001	5-17	11:40	X	8021
2	PB-1	5-17	19:15	X	404
3	TAMW-002	5-17	19:45	X	44 8021
4	TAMW-003	5-17	2:30	X	ph 6.3
5					
6					
7					
8					
9					
10					
1st Relinquished by: Michael Payne (SEL KIT)				Date: 5/15/2000	Time: 09:45
2nd Relinquished by:				Date:	Time:
3rd Relinquished by:				Date:	Time:
Special Comments/Requests:				Sampler's Signature:	
Sampling Kit(s) Reference Information: 202				Sample Condition as Received:	

Adjusted ph 04 (01)

Original (White) Chain of Custody - Returned with Final Report

Yellow - Laboratory Copy

Pink - Sampler's Copy

**APPENDIX C**  
**UST DISPOSAL RECEIPT**

No. 602629

DATE 3-19



**Aaron Scrap Metals**

A Division of

**Commercial Metals Company**

P.O. Box 607069  
Orlando, FL 32860-7069  
Phone: 407-293-6584  
FAX: 407-295-4908

3000 Gamson Road  
Orange County Industrial Park  
Apopka, FL 32703

CUSTOMER \_\_\_\_\_

ADDRESS W & S

MATERIAL 1001

10:07 AM 05-19-00

LOOP # 27 INBOUND 31360 1b

LOOP # 27 31360 1b

10:23 AM ~~30760 1b~~

05-19-00 400 1b

Gross  
Tare

Net @

VERIFIED BY	REFERENCE	DRIVER	
		ON	OFF
WEIGHER	CHECK NO.	PAID BY	
	137722	CHECK	CASH
CASHIER	REMARKS		
SB	WEL leg J.H.G.S		

CUSTOMER

SIGNATURE	VEHICLE LIC.#	STATE
<i>M. Yickman</i>	QSS 094	

\$ 6.00
---------

Vendor warrants full title to or authority to sell listed materials; represents that listed materials are not, and are free from all, hazardous wastes (as defined in Federal or state regulations); and acknowledges receipt of stated funds.

**APPENDIX D**

**NON-HAZARDOUS WASTE MANIFEST**



**NON-HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Not Required\*

Manifest Doc. No.

2. Page 1

of

LOAD # 1

TRUCK #

3. Generator's Name and Mailing Address

FL Dept of Transportation  
719 Woodland Blvd Deland FL.

4. Generator's Phone (904) 943-5395

5. Transporter 1 Company Name

Star Trucking

6.

US EPA ID Number

Not Required\*

7. Transporter 2 Company Name

8.

US EPA ID Number

A. Transporter's Phone

407 880-1444

B. Transporter's Phone

9. Designated Facility Name and Site Address

C.A. MEYER PAVING & CONSTRUCTION CO.  
14023 Tiny Morse Blvd.  
Clermont, Florida 34711

10.

US EPA ID Number

Not Required\*

C. Facility's Phone

(407) 877-3609

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.  
Total  
Quantity14.  
Unit  
Wt/Vol

a.

Non-Hazardous Petroleum Contaminated Soil

1.

TRK

24 T

b.

29.80

c.

13.00

d.

16.00

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

\*US EPA ID# Not Required. Non-Hazardous Waste

15. Special Handling Instructions and Additional Information

Transporter hereby certifies that all of the material in this load was placed on my truck at the address referenced above. Nothing has been added to this load after departure from address listed above.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Greg Garrison

As Agent For FDOT

Signature

Month Day Year

05/25/00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

ROBERT POWERS

Signature

Month Day Year

05/25/00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

C.A. MEYER PAVING &amp; CONSTRUCTION CO.

Printed/Typed Name

Signature

Month Day Year

05/25/00

**CONTAMINATED FILL**

ORIGINAL - RETURN TO GENERATOR

**APPENDIX E**

**UNDERGROUND STORAGE SYSTEM INSTALLATION AND  
REMOVAL FORM FOR CERTIFIED CONTRACTORS**



## Underground Storage System Installation and Removal Form for Certified Contractors

Pollutant Storage Systems Contractor as defined in Section 489.113, 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 underground storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards. This includes system components such as dispenser liners, piping sumps, and overfill protection devices.

### General Facility Information

Facility Name: <u>NA</u>	DEP Facility Identification No.: <u>NA</u>
Street Address (physical location): <u>560 HWY 17/92</u>	
County: <u>KOLUSA</u>	Telephone #: ( ) <u>NA</u>
Owner Name: <u>FL. DEPT OF TRANSPORTATION</u>	Telephone #: <u>(904) 943-5395</u>
Owner Address: <u>7195. WOODLAND BLVD., DELAND, FL. 32726</u>	

### Storage Tank System Information

Number of Tanks Installed: <u>NA</u>	Number of Tanks Removed: <u>ONE (1)</u>
Date Work Initiated: <u>MAY 16, 2000</u>	Date Work Completed: <u>MAY 17, 2000</u>
Tank(s) Manufactured by: <u>UNDERWRITER LABORATORIES, INC.</u>	
Description of work Completed: <u>UST REMOVAL PER 62-777</u>	

### Certification

I hereby certify and attest that I am familiar with the facility that is registered with the Florida Department of Environmental Protection; that to the best of my knowledge and belief, the storage tank system installation, replacement or removal at this facility was conducted in accordance with Chapter 489, Florida Statutes, Section 376.303, Florida Statutes, and Chapter 62-761, Florida Administrative Code, and its adopted reference standards and documents for underground storage tank systems.

Andrew James Hooper  
(Type or Print)

Certified Pollutant Tank Contractor Name

[Signature]  
Certified Tank Contractor Signature

[Signature]  
Field Supervisor Name

PC-C056793

PSSC Number

Pollutant Storage Systems  
Contractor License Number

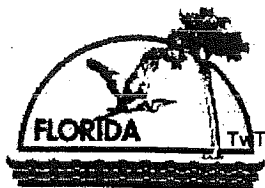
6/7/00  
Date

JUNE 6, 2000  
Date

The owner or operator of the facility must register the tanks with the Department upon completion of the installation. The installer must submit this form to the County no more than 30 days after the completion of installation, replacement, or removal of a storage tank

**APPENDIX F**

**LIMITED CLOSURE SUMMARY REPORT FORM**



# Department of Environmental Protection

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

DEP Form 62-761.900X(8)  
Form Title: Limited Closure  
Summary Report  
Effective Date: July 13, 1998

## Limited Closure Summary Report

This form is required for facilities that have sites with documented contamination requiring a site assessment in accordance with Chapter 62-770, F.A.C. This includes those facilities that are eligible for the Early Detection Incentive Program (EDI), the Florida Petroleum Liability and Restoration Insurance Program (FPLRIP), and the Petroleum Cleanup Participation Program (PCPP), pursuant to Sections 376.3071 and 376.3072, F.S. Documentation of procedures followed, and results obtained during closure shall be reported in this form, along with any attachments. This form shall be submitted to the County within 60 days of completion of the closure in accordance with Section A of the "Storage Tank System Closure Assessment Requirements."

Complete All Applicable Blanks. Please Print or Type

### General Information

Date <u>6/7/00</u>	FDEP Facility ID Number <u>N/A</u>	County <u>YOLUSIA</u>
Facility Name <u>NA</u>	Facility Telephone #: ( ) <u>NA</u>	
Facility Address: <u>560 US HWY 17/92</u>		
Owner or Operator Name: <u>FL. DEPT. OF TRANSPORTATION</u>	Owner/Operator phone #: ( <u>904-</u> ) <u>943-5395</u> <u>32726</u>	
Mailing Address: <u>719 SOUTH WOODLAND BLVD, DELAND, FL.</u>		

### Storage Tank System Closure Information

1. Were the storage tanks(s): (Check one or both)

• Aboveground	• Underground <input checked="" type="checkbox"/>
---------------	---

2. General System Information

Types of Products Stored: <u>gasoline, diesel</u>	Number of Tanks Closed <u>1</u>	Age(s) of Tanks <u>50+ yrs.</u>
---	---------------------------------	---------------------------------

3. Was the Limited Closure Summary Report Performed as a Result of: (check one or more)

<input checked="" type="checkbox"/> Tank Systems Removal?	• Spill Containment Installation?	• Change in Storage to a Non-Regulated Substance?
• Tank Systems Closed in Place?	• Dispenser Liners Installation?	• Release Prevention Barrier Installation?
• Piping Sump Installation?	• Secondary Containment Installation?	• Other? (please explain) _____

4. Please Check Yes or No to the following:

a. Was there previously reported contamination discovered on site? If yes, was	• Yes	• No <input checked="" type="checkbox"/>
1. A Discharge Report Form submitted to the County?	• Yes	• No
2. An investigation performed in accordance with Rule 62-761.820, F.A.C.?	• Yes	• No
b. Is the depth to groundwater less than 20 feet?	• Yes <input checked="" type="checkbox"/>	• No
c. Are there monitoring wells on site? If yes, were they	• Yes	• No <input checked="" type="checkbox"/>
1. Groundwater monitoring wells?	• Yes	• No
2. Vapor monitoring wells?	• Yes	• No
3. Used for closure assessment sampling?	• Yes	• No
4. Properly closed?	• Yes	• No
5. Retained for site assessment purposes?	• Yes	• No
d. If tanks were replaced, were contaminated soils returned to the tank excavation?	• Yes	• No

Signature of owner or operator

Signature of person performing  
Limited Closure Assessment

Name of person performing  
Limited Closure Assessment

(date) \_\_\_\_\_

(date) JUNE 6, 2000 Affiliation INRS

Printed on recycled paper.

GARY WINTER, CHMM



**WRS***Infrastructure & Environment, Inc.*

Corporate Office:  
221 Hobbs Street, Suite 108  
Tampa, Florida 33619  
Voice: (813) 684-4400  
Fax: (813) 684-9177

**FAX****DATE:**JUNE 19, 2000**TO - COMPANY:****ATTENTION:**Environ Geom**FAX NUMBER:****FROM:**GARY WINTER**NUMBER OF PAGES INCLUDING COVER:****COMMENTS:**



# Discharge Report Form

PLEASE PRINT OR TYPE

DEP Form # 62-761.900(1)

Form Title Discharge Report Form

Effective Date: July 13, 1998

Instructions are on the reverse side. Please complete all applicable blanks

1. Facility ID Number (if registered): NA 649803355 2. Date of form completion: 6.16.00

## 3. General information

Facility name or responsible party (if applicable): FDOT-Lake Villa Estates  
 Facility Owner or Operator, or Discharger: Florida Dept. of Transportation  
 Contact Person: Randy Stafford Telephone Number: (904) 943-5395 County: Volusia  
 Facility or Discharger Mailing Address: 719 S. Woodland Blvd.  
 Location of Discharge (street address): 560461792, Lake Villa Estates, DeBary  
 Latitude and Longitude of Discharge (if known): \_\_\_\_\_

4. Date of receipt of test results or discovery of confirmed discharge: 5.26.00 month/day/year

5. Estimated number of gallons discharged: 10

6. Discharge affected: ☐ Air ☐ Soil ☒ Groundwater ☐ Drinking water well(s) ☐ Shoreline ☐ Surface water (water body name) \_\_\_\_\_

## 7. Method of discovery (check all that apply)

☐ Liquid detector (automatic or manual) ☐ Internal inspection ☐ Closure/Closure Assessment  
☐ Vapor detector (automatic or manual) ☐ Inventory control ☒ Groundwater analytical samples  
☐ Tightness test ☐ Monitoring wells ☒ Soil analytical tests or samples  
☐ Pressure test ☐ Automatic tank gauging ☐ Visual observation  
☐ Statistical Inventory Reconciliation ☐ Manual tank gauging ☐ Other \_\_\_\_\_

## 8. Type of regulated substance discharged: (check one)

☐ Unknown ☐ Used/waste oil ☐ Jet fuel ☐ Heating oil ☐ New/lube oil  
☐ Gasoline ☐ Aviation gas ☒ Diesel ☐ Kerosene ☐ Mineral acid  
☐ Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives  
 (write in name or Chemical Abstract Service (CAS) number) \_\_\_\_\_  
☐ Other \_\_\_\_\_

## 9. Source of Discharge: (check all that apply)

☐ Dispensing system ☐ Pipe ☐ Barge ☐ Pipeline ☐ Vehicle  
☐ Tank ☐ Fitting ☐ Tanker ship ☐ Railroad tankcar ☐ Airplane  
☒ Unknown ☐ Valve failure ☐ Other Vessel ☐ Tank truck ☐ Drum  
☐ Other \_\_\_\_\_

## 10. Cause of the discharge: (check all that apply)

☐ Loose connection ☐ Puncture ☐ Spill ☐ Collision ☐ Corrosion  
☐ Fire/explosion ☐ Overfill ☐ Human error ☐ Vehicle Accident ☐ Installation failure  
☒ Other UNK.

## 11. Actions taken in response to the discharge:

Tank found during FDOT Road Construction project. DOT notified WRS of the tank location, 3 days later, the tank and impacted soil was removed.

## 12. Comments:

## 13. Agencies notified (as applicable):

☐ State Warning Point ☐ National Response Center ☐ Florida Marine Patrol ☐ Fire Department. ☐ DEP (district/person)  
1-800 320-0519 1-800-424-8802 (800) 342-5367 ☐ County Tanks Program

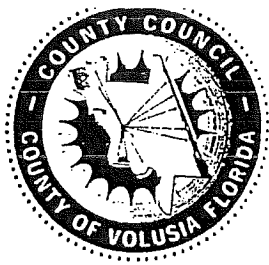
## 14. To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.

Gary Winters AS FDOT Agent.  
 Printed Name of Owner, Operator or Authorized Representative, or Discharger

[Signature] AS Agent -  
 Signature of Owner, Operator or Authorized Representative, or Discharger

24.





# County of Volusia

Growth Management and

Environmental Services Center

123 West Indiana Avenue, DeLand, Florida 32720-4253

DeLand 822-5756 • Daytona 257-6000 • New Smyrna 423-3300

Fax 822-5727

## FAX TRANSMITTAL COVER SHEET

TO: Michael Bender

TELEPHONE/EXT.NO.: (813) 684-4400

FAX NO.: (813) 684-9177

\* \* \* \* \*

FROM: Emma Jean

TELEPHONE/EXT.NO.: ext. 2295

\* \* \* \* \*

DATE: 5-25-00 (11:23)

\* \* \* \* \*

SUBJECT: Closure Inspection DOT/Lake Viera Estates

\* \* \* \* \*

NUMBER OF PAGES (INCLUDING COVER SHEET): 2

G:\WP61\CEB FAX



Printed On  
Recycled Paper



Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400  
Division Of Waste Management  
Bureau of Petroleum Storage Systems

Storage Tank Facility Compliance Inspection Report

5605 US HWY 17-92 DEBAR

Facility ID 9803355

County 64

Inspection Date 5-16-00

Facility Name DOT / Lake Villa Estates

Facility Type

Latitude 28° 51' 29" <sup>45</sup>

Longitude 81° 19' 16" <sup>29</sup>

# USTs 1 # ASTs

Check box for type of inspection performed and attach appropriate form(s). Provide or correct latitude/longitude when appropriate.

Compliance Inspection (Annual)	TCI	Discharge Inspection/Evaluation	TDI	
Compliance Inspection (DRF received)	TCDI	Installation Inspection	TIN	
Compliance Inspection (Complaint received)	TCPI	Closure Inspection	TXI	X
Compliance Re-Inspection	TCR			

Rule Cite

Description / Inspector's Comments

	516 DOT doing road work. Discovered UST ~1000 gal.
	Contains gas - no FL or water in tank
	517 No more tanks found. In process of pulling tank.
	Will use dry ice. Taking soil samples + installing temp
	well for water sample.
	(Petroleum odor)
	Used to be a gas station in 40's
	WRS - Michael Baker

Financial Responsibility - Verify owner's coverage. Select Insurance or Other, and provide Mechanism, if appropriate.

Insurance Carrier: \_\_\_\_\_ Effective Date: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Other Coverage meeting federal financial responsibility requirements. Mechanism: \_\_\_\_\_

☒ None

Based upon the inspection results and information provided by the owner/operator, this facility appears to meet the requirements of Florida Administrative Code 62-761. ☐ Yes ☐ No ☐ CWOE - Compliance without Enforcement

A re-inspection will be scheduled on or after \_\_\_\_\_ days to verify correction of the non-compliance items noted.

Storage Tank Program Office

Storage Tank Program Office Phone Number

Inspector Name - Please Print

Facility Representative Name - Please Print

Emma Jean Edmondson 5-16-00  
Inspector Signature & Date

Green / WRS  
Facility Representative Signature & Date



Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Virginia B. Wetherell  
Secretary

August 19, 1993

CERTIFIED MAIL

P 128 890 277

James A. McFellin  
City Administrator  
175 West Warren Avenue  
Longwood, Florida 32750-4197

OCD-HW-93-0550

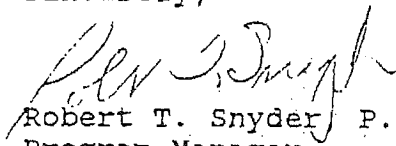
Seminole County  
City of Longwood Public Works  
FLD982076663

Dear Mr. McFellin:

Enclosed is the inspection report for the inspection conducted on March 10, 1993, at the City of Longwood's Public Works facility by the Department. Please excuse the delay while the report was reviewed in our Tallahassee Office and coordinated with EPA, Region IV.

If you have any questions please call Jennifer Hobbs or myself at (407) 894-7555.

Sincerely,

  
Robert T. Snyder, P.E.  
Program Manager  
Hazardous Waste Section

RTS/jh

cc: EPA, Region IV



Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Virginia B. Wetherell  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. Inspection Report Complaint ☒ Routine Follow-up Permitting

Facility Name City of Longwood Public Works Department

DER/EPA I.D.: FLD982076663 Land Ban Inspection ☒ Yes No

Address 180 East Warren Avenue, Longwood, Florida 32750

County Seminole Phone (407) 831-6175 Date 03/10/93 Time 2:00PM

### TYPE OF FACILITY

Generator	<u>Storage</u>	<u>Treatment</u>
<u>Generator</u>	<u>Container</u>	<u>Tank</u>
<input checked="" type="checkbox"/> <u>Small Quantity</u>	<u>Tank</u>	<u>Land Treatment</u>
<u>Cond. Exempt SQG</u>	<u>Waste Pile</u>	<u>Thermal</u>
	<u>Surface Impoundment</u>	<u>Chem/Phy/Bio</u>
		<u>Incinerator</u>
		<u>Surface Impoundment</u>
Transporter	<u>Disposal</u>	
<u>Transporter</u>	<input checked="" type="checkbox"/> <u>Landfill</u>	
<u>Transfer Facility</u>	<u>Surface Impoundment</u>	
	<u>Waste Pile</u>	

### 2. Applicable Regulations:

40CFR 261.5 ☒ 40CFR 262 40CFR 263 ☒ 40CFR 264 ☒ 40CFR 265

### 3. Responsible Official: (Name & Title)

James McFellin, City Manager

### 4. Survey Participants & Principal Inspector

Jennifer Hobbs (FDER)

Mary McGehee (FDER)

Richard Kornbluh, City of Longwood, Public Works Director

Keith Schumaker, City of Longwood, Fleet Maintenance Shop

### 5. Facility Latitude:

Longitude:

6. Type of Ownership: Federal State County ☒ Municipal Private

7. Permit Number: HF59-172047 Date Issued: 07/09/91 Expiration Date: 07/09/93

8. Discrepancies With Current Process Description: (if any)  
None

9. Summary of Violations. List and Explain All Noncompliance Items:

- a) Regulation: 40 CFR 262.11

Violation: City of Longwood Public Works did not determine whether solid wastes, as defined in 40 CFR 261.2 and generated at the facility were hazardous wastes. Specifically, the facility, failed to determine whether the contents of 17 drums located near sign shop, 8 drums located near hazardous waste shed, contents of containers of unknowns in flammable side of the storage shed, and 4 55-gallon drums of waste antifreeze are hazardous waste. (Class I)

- b) Regulation: 40 CFR 262.34(a)(2)

Violation: City of Longwood Public Works failed to mark the date upon which storage began on containers of hazardous waste located in the flammable side of the hazardous waste storage shed. (Class I)

- c) Regulation: 40 CFR 262.34(a)(3)

Violation: City of Longwood Public Works failed to ensure that containers of hazardous waste located in the flammable side of the hazardous waste storage shed are labeled or marked clearly with the words "hazardous waste". (Class I)

- d) Regulation: 40 CFR 262.34(d)

Violation: City of Longwood Public Works stored hazardous waste on site for a period greater than the 180 day maximum. Specifically, containers of hazardous waste located in the flammable side of the hazardous waste storage shed were stored on-site in excess of the 180 day maximum. The containers were stored between the dates of August 13, 1992 and March 10, 1993 (to current date). (Class I)

- e) Regulation: 40 CFR 262.34(d)(2)/40 CFR 265.174

Violation: City of Longwood Public Works failed to inspect areas, at least weekly, where hazardous waste containers are stored looking for leaks and deterioration caused by corrosion or other factors. Specifically, the flammable side of the hazardous waste storage shed should be inspected weekly. (Class I)

- f) Regulation: 40 CFR 264.16

Violation: City of Longwood Public Works failed to ensure that personnel involved in hazardous waste management and/or practices had annual reviews of the initial training required in paragraph (a) of 40 CFR 264.16. Specifically, Richard Kornbluh as the individual responsible for management of the permitted RCRA unit should have been trained on an annual basis. Mr. Kornbluh was last trained in 1990. (Class I)

(Subsequently, on an inspection with Darryl Himes of the EPA., on August 18, 1993, the Department found that Mr. Kornbluh did not receive the initial 40 Hour OSHA required to satisfy RCRA requirements, but a hazardous waste management course.)

- g) Regulation: 40 CFR 265.32(c)

Violation: Facilities must have portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment. City of Longwood Public Works does not have spill control or decontamination equipment available for the hazardous waste storage shed. (Class I)

10. Recommended Corrective Actions.

a) Regulation: 40 CFR 262.11

Corrective Action: Within 10 days of receipt of this letter, obtain the services of a competent environmental consulting firm who must prepare a "Waste Determination/Drum Removal Plan" detailing the plans for locating, sampling, analyzing and removing all drums and containers possibly containing hazardous waste. The plan shall be submitted to the Department for review, prior to the facility implementing the contents of the plan. All drums and containers determined to contain hazardous waste shall be removed in an environmentally sound manner which minimizes releases of waste. The containers identified as having structurally failed and/or having the potential to fail shall be temporarily stored on site in overpack drums or alternate suitable containers. A representative sample of each drum or container shall be obtained and analyzed to determine if the contents are hazardous waste. Representative samples must be taken according to the procedures outlined in APPENDIX I of 40 CFR 261. The representative samples must be tested according to the approved methods found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, latest edition. The Department shall be notified with the name of the environmental consulting firm, firm's contact and the date of sampling and provided the opportunity to witness the sampling of all containers and drums. The results of sampling and analysis of all the containers, drums and conclusions on the hazardous waste status of the contents of the containers and drums shall be submitted to the Department.

b) Regulation: 40 CFR 262.34(a)(2)

Corrective Action: Within 15 days of receipt of this letter, the facility shall submit to the Department written proof of notification to all employees involved with hazardous waste management and/or practices, ensuring that all containers of hazardous waste, shall be marked with the date upon storage of the containers began.

c) Regulation: 40 CFR 262.34(a)(3)

Corrective Action: Within 15 days of receipt of this letter, the facility shall submit to the Department written proof of

notification to all employees involved with hazardous waste management and/or practices, ensuring that all containers of hazardous waste, shall be labeled or marked clearly with the words "Hazardous Waste".

- d) Regulation: 40 CFR 262.34(d)

Corrective Action: City of Longwood Public Works must not keep hazardous waste on site for greater than 180 days. After receiving the waste determination analysis, those wastes which are hazardous must be manifested for off site disposal to a permitted disposal facility within 30 days. The Department must be provided with a copy of manifests proving the waste was shipped to a permitted RCRA facility.

- e) Regulation: 40 CFR 262.34(d)(2)/40 CFR 265.174

Corrective Action: City of Longwood Public Works must immediately begin weekly inspections of drums on site and the containers of hazardous waste in the flammable side of the hazardous waste shed looking for leaks and deterioration caused by corrosion or other factors. Within 30 days of receipt of this letter, City of Longwood Public Works must provide written proof that inspections have been completed for the previous 30 day period.

- f) Regulation: 40 CFR 264.16

Corrective Action: Within 30 days of receipt of this letter, please provide the Department with proof that Mr. Kornbluh is scheduled for his annual training. This training must be completed by May 30, 1993.

- h) Regulation: 40 CFR 265.32(c)

Corrective Action: Within 30 days of receipt of this letter, City of Longwood must provide the Department with proof that spill control and decontamination equipment is available for the hazardous waste storage shed.



Longwood Public Works  
March 31, 1993  
Page 6

## NARRATIVE

### I. INTRODUCTION:

On March 10, 1993, Jennifer Hobbs and Mary McGehee, from the Florida Department of Environmental Regulation (FDER), accompanied by Richard Kornbluh, Longwood Public Works Director, and Keith Schumaker, Longwood Fleet Maintenance employee, inspected the Longwood Public Works Department for compliance with hazardous waste regulations.

The Public Works Department, located at 180 East Warren Avenue, Longwood, Seminole County, Florida, is a department of the City of Longwood charged with coordination of public utility, transportation and engineering efforts.

The Department, accompanied by an EPA representative, last inspected the Public Works Department on August 13, 1992. The facility was not in compliance at the time of the inspection.

### II. CURRENT PROCESS DESCRIPTION:

The Public Works Department coordinates public utilities, transportation, and engineering efforts. Fleet Maintenance, the vehicle maintenance shop, is located across the street at 175 East Warren Avenue. Both sites are on a contiguous piece of property.

City vehicles and equipment are washed in the Public Works yard with dishwashing detergent. Currently the Public Works Department does not have an Industrial Waste permit.

There is a sign shop on site where signs are made using various types of tape.

Mosquito Control is operated from the Public Works yard. Malathion, an organophosphate pesticide, is used to control the mosquito population in the city. The truck used to spray the pesticide is kept in the Public Works yard.

A two compartment hazardous waste storage shed is located on site. The compartment that is placarded "POISON", is where malathion product is stored. The other compartment is labeled "FLAMMABLE", and contains various wastes, some hazardous. Mr. Kornbluh stated that when the shed was purchased a couple of years ago, the city transferred various wastes from an existing shed. The existing shed was not suitable for the storage of hazardous wastes.

Longwood Public Works  
March 31, 1993  
Page 7

Fleet Maintenance performs general vehicle maintenance, including fluid and filter changes, servicing and minor repair work. Safety Kleen parts washers are used to clean automotive parts.

### III. WASTE STREAMS:

Rinse waters are generated from vehicle and equipment washing.

There were some paints located in the sign shop area, but it was stated by Mr. Kornbluh that they are not used for sign making. The paints are usable paints that are merely being stored in the shop.

Located adjacent to the sign shop, outside there were drums covered with visqueen. The count is as follows:

12	55-gallon drums
4	30-gallon drums
1	20-gallon drum

Some of the drums contain soil, others have a liquid content. These drums are in poor condition. A drum labeled Malathion is rusted and looks as if it may fail soon. When asked if there were any plans to sample the drums to determine the contents, Mr. Kornbluh replied there were no plans at this time. These same drums were present during the August 1992 inspection.

Waste mineral spirits are generated by the two 30-gallon Safety Kleen parts washers. In addition, there is a 15-gallon brake drum washer located in the shop.

Waste kitty litter is generated from absorbing assorted spills in the shop.

Rinse water from spraying off engines with a degreaser, Zepride, is generated. Mr. Kornbluh could not find MSDS for Zepride at the time of the inspection.

Used oil, used oil filters and waste antifreeze are also generated in the shop.

### IV. WASTE MANAGEMENT:

Rinsewaters from the washing of vehicles and equipment discharge to the ground and flow to a ditch adjacent to the washing area.

During the August 13, 1992, inspection, Fernand Tiblier and Richard Kornbluh were told they needed to have waste determinations performed on the 17 drums stored outside, adjacent to the sign

shop, so that they could dispose of them properly. Since the August 1992 inspection, the only action taken has been to drape a sheet of visqueen over drums.

The 2 30-gallon parts washers are serviced by Safety Kleen every 8 weeks. The brake drum washer uses Aamco solution, which, according to Keith Schumaker, is a soapy, detergent-like solvent. A Material Safety Data Sheet could not be provided at the time of the inspection.

Kitty litter used for spills in the shop area is disposed of in the dumpster. The Department informed Mr. Kornbluh that the city would have to do a waste determination on the litter prior to disposal, or could handle it as hazardous waste.

Run-off from spraying engines with Zepride goes to a grate at the end of the driveway. Mr. Kornbluh stated that drain goes to the Seminole County Sewer and that the County is aware of the process. Since this is an open drain, it is questionable if the drain is connected to the Seminole County sewer or is a storm drain. The City needs to verify where this drain deposits. Documentation is required showing Seminole County is aware of the process and accepts this practice.

Used oil is picked up by North Florida Oil. There is a 500-gallon used oil tank located behind the shop and there are 2 55-gallon drums of used oil located within the shop. Neither the used oil drums or used oil tank are marked with the words "Used/Waste Oil" or other descriptive label. Next to the used oil tank was a 55-gallon drum of an oil/water mix. During the August 1992 inspection, City of Longwood Public Works personnel were told they would have to have this same drum tested and disposed of properly.

Used oil filters are disposed of in the dumpster. The Department told Mr. Kornbluh that the city would have to either have the filters tested by TCLP prior to putting them in dumpster, or have them recycled. The Department told City of Longwood Public Works in August 1992 they had to stop disposing of filters in the dumpster and informed the City of alternatives.

There were 2 unlabeled, undated, 55-gallon drums of waste antifreeze in the flammable compartment of the storage shed. Located in a locked storage shed at the maintenance shop were 2 unlabeled, undated, 55-gallon drums of waste antifreeze, one of which had an open funnel in it. According to manifests reviewed, waste antifreeze has not been taken off site since 1990.

V. Inspection:

Mr. Kornbluh represented the City during the inspection of the Public Works yard. Keith Schumaker participated in the inspection of the automotive maintenance area (Mr. Kornbluh was present). Prior to inspecting the facility, the Department asked Mr. Kornbluh if he received an inspection report from EPA regarding the August 13, 1992, inspection. Mr. Kornbluh said he had not received any reports. After the inspection, the Department contacted EPA to find out if they had sent a report to the City of Longwood. According to their records the report was sent certified mail, and was signed for by the City on September 10, 1992.

The area where the "hazardous waste pit" was located was filled in on December 1, 1992. There were numerous cars parked on the filled in area. The cars had been brought over from another city and were to be auctioned off over the weekend of March 13-14, 1992.

In the vehicle and equipment washing area there is a ditch that connects to a storm water pond. Vegetation associated with this section of the yard is stressed.

Of the 16 existing wells, 5 were inspected. The following wells were checked:

#1 - unlocked, #4 - unlocked, #6 - unlocked  
#13 - unlocked, and #14 - unlocked.

Wells #1, #13, and #14 are located outside of the facility and unsecured. Last year there were unlocked wells located outside of the facility.

Two pallets, each holding 4 55-gallon drums of unlabeled well cuttings, were located inside the gate area of the facility. According to Mr. Kornbluh, there were are no current plans to dispose of the drums and he was not sure if the contents were hazardous or not. Upon returning to the district office and reviewing the August 13, 1992 inspection report, it was discovered that during the August, 1992 inspection there were 12 55-gallon, unlabeled drums of well cuttings inside of the gate area of the facility.

The hazardous waste storage shed was inspected. There was a strong odor of Malathion in the area. Located in the poison compartment of the shed, in addition to malathion product, was a 5-gallon container of malathion, with an open funnel. Malathion product is pumped from a 55-gallon container into this container, which is

used to fill the truck dispenser. A Department inspector had to request that Mr. Kornbluh put out his cigarette before opening the flammable closet. Numerous types of wastes stored in this compartment are hazardous, unknown, unlabeled and open. The flammable side of storage shed had the same waste present as the August 1992 inspection, with the addition of more waste. The contents of the flammable compartment include the following wastes, 1,1,1-TCE, Malathion, Spadens Reagent, 2 55-gallon drums of waste antifreeze, Banish II Insecticide, automotive batteries, metal primer, unlabeled, undated unknowns, paint related wastes, and 36 gallons of waste paints.

At the time of the inspection, the Department was told that there were no current plans to have the contents of the flammable portion of the shed disposed of, and that the City has no intention of using the contents.

There was no spill kit or protection gear available for the storage shed.

There was a fresh oil stain on the soil from a parked vehicle near the storage shed.

The dispenser on the malathion truck was leaking. The leak went onto the bed of the truck, then flowed off onto the ground. The Department told Mr. Kornbluh that the leak should be repaired immediately.

Adjacent to the sign shop were pallets with various sized drums on them. Many of the drums were unlabeled, undated, open, and corroding. These same drums were on site during the August 1992 inspection, and have only been covered with visqueen.

There was an unchained, rusty tank of acetylene believed to be empty propped up on sign shop wall.

There were 4 empty 55-gallon drums that once contained Cythion on site. Mr. Kornbluh said that the City can't find a drum recycler at this time. The City doesn't want to use Zellwood Drum because FDER had an enforcement case against Zellwood Drum. The Department explained that current clients are not going to be tied into any past violations at the company. Department personnel had this same discussion with City of Longwood Public Works in August 1992.

Fleet Maintenance was inspected next. A Safety Kleen brake drum washer will be replacing the current drum washer, which rusts out once a year.

Longwood Public Works  
March 31, 1993  
Page 11

Two oil hoses that dispense oil to vehicles leak when not in use so each hose is placed in a 55-gallon drum.

A utility sink located inside the shop drains to and is pumped to the 500-gallon used oil tank.

Surrounding the used oil tank were the following various 5-gallon containers:

- 1 5-gallon container of Leco ULV Flushing Solution, used in Malathion spray truck. No MSDS available at time of inspection.
- 1 5-gallon container of an unknown material which was open
- 1 5-gallon container of what appeared to be oil/water mixture, which was open
- 1 5-gallon container with roofing tar label

Inspectors told Mr. Kornbluh to put lids on the containers and move them to the hazardous waste storage shed.

There is no backflow prevention device on the used oil tank for oil being pumped to tank from the shop sink. At the time of the inspection the tank had oil running down the side from the top port hole. Visible signs of oil leaks were present on the concrete under the used oil tank.

Adjacent to the used oil tank is a pipe that was releasing "well pump pressure relief" to the ground.

An employee of Fleet Maintenance stated that aerosol cans are not thrown out but taken to the hazardous waste storage shed. At the time of the inspection there were no aerosol cans located in the shed. Mr. Kornbluh was not aware of any aerosols being collected at the site.

In the locked storage shed containing the 2 55-gallon drums of used antifreeze (unlabeled and undated), one drum had an open funnel in the bung. The opening in the drum was unsealable. Inspectors suggested transferring the contents into a fit drum.

After reviewing records the following were noted:

- There were no receipts for used oil hauling (North Florida Oil) or battery recycling (Southern Batteries).

Longwood Public Works  
March 31, 1993  
Page 12

- Return manifests and were missing for manifest # 02160 and # 02159.
- Land ban forms for manifests were missing.
- Antifreeze was shipped off as non-regulated material in 1990. There were no metals or organic halogen testing done according to the waste profile submitted by GSX in 1990. Current generation rate of waste antifreeze is 55 gallons every 6 months.
- Latest date of manifested waste was 12/26/91. Nothing has been manifested since.
- Mr. Tiblier and Mr. Kornbluh were trained in hazardous waste by Enviro Training in 1989. They in turn trained their employees in 1990. No further training has been initiated. Files for Mr. Tiblier, Mr. Kornbluh, Mr. Schumaker were reviewed. We were also given the secretary's file, she was trained in 1990. The training was 3 hours long. Mr. Kornbluh, as the individual responsible for managing the hazardous waste unit is required to receive training annually.

Records consisted of the same information presented last year.

#### VI. CONCLUSION:

Following the inspection, an exit interview was conducted with Mr. Kornbluh (City of Longwood Public Works), Jennifer Hobbs and Mary McGehee (DER) in attendance. Potential hazardous waste violations were discussed.

City of Longwood Public Works was inspected as a small quantity generator of hazardous waste and was not in compliance at the time of this inspection.

Report Prepared By:

Jennifer H. Hobbs  
Jennifer Hobbs  
Environmental Specialist

RTS/jw/jh

**City of Longwood**

155 W. WARREN AVE.  
LONGWOOD, FLORIDA 32750-4197  
POOLED FUNDS

FOLIO NUMBER

050071

63-838 215  
631

SUN BANK N.A.  
Main Office  
Orlando, FL 32801

CHECK  
NUMBER

050071

CHECK DATE

7/19/94

PAY THIS AMOUNT

\*\*\*15,450.00

THE SUM OF

\$15,450

DOLLARS AND

00

CENTS

VOID IF NOT CASHED WITHIN NINETY DAYS

PAY

TO THE

ORDER OF FLORIDA DEPARTMENT OF

ENVIRONMENTAL PROTECTION

3319 MAGUIRE BLVD

SUITE 232

ORLANDO

FL 328033767

050071 063108389:0215252035716

*Steve Davis*  
*Headland, Inc.*

AUG 04 1994



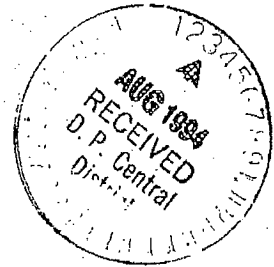


## City of Longwood

PURCHASING DEPARTMENT  
155 W. WARREN AVE.

LONGWOOD, FLORIDA 32750  
TELEPHONE: (407) 260-3483

July 26, 1994



Mr. A. Alexander, P.E.  
District Director  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, Fl. 32803-3767

RE: City of Longwood; OGC File No. 94-2325

Dear Mr. Alexander:

On July 18, 1994 the City Commission accepted the Department of Environmental Protection's ("DEP") offer of settlement by Short Form Consent Order. Enclosed is the original Consent Order signed by the Mayor.

After the Consent Order has been countersigned by the State, please forward the executed copy to the City, at which time we will promptly process the check in the amount of \$15,450.00.

Should there be any questions, please do not hesitate to call me.

Sincerely,  
FOR THE CITY OF LONGWOOD

W. Shelton Smith,  
City Administrator

cc: Bob Snyder, FDER/Orlando  
Fernand Tiblier, P.E., City Engineer  
Rhonda Ledford, Purchasing Director

Legal Case Tracking System  
Case Record (Part 1)

01-SEP-1994\_13:09:12

OGC Number: 94-2325-59-HW District: 3 CENTRAL County: 59 SEMINOLE  
Status: O OPEN Mode: E ENFORCEMENT

Style of Case: LONGWOOD, CITY OF PUBLIC WORKS; DEP VS.

Alias Name: LONGWOOD, CITY OF PUBLIC WORKS

Site Name: LONGWOOD, CITY OF (HW-JH-ORL)

Lead Attorney: HED HEIDI

E DAVIS

Supervisor Initials: DKT

2nd Attorney:

Supervisor Initials:

Primary Program Area  
HW HAZARDOUS WASTE

Date

OGC Case Activity

10-MAR-1993 DSFO CASE OPENED IN DISTRICT W

15-JUL-1994 ACO ADMIN. CASE OPENED IN OGC

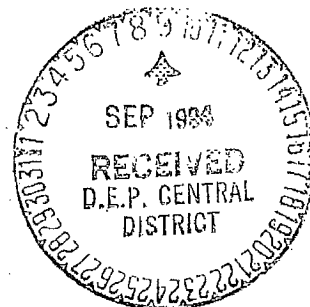
Secondary Program Areas

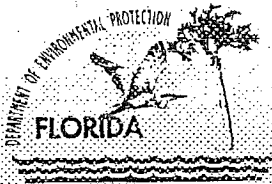
Case Origin: DISTRICT

Case in Litigation ? N

Count: \*1

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# Department of Environmental Protection

Lawton Chiles  
Governor

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Virginia B. Wetherell  
Secretary

August 4, 1994

City of Longwood Public Works  
180 East Warren Avenue  
Longwood, Florida, 32750

OCD-HW/E-94-0300

Attention: W. Shelton Smith, City Administrator

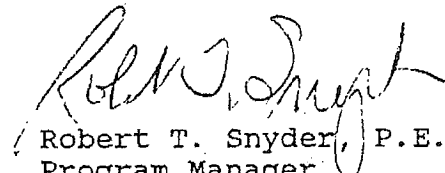
Seminole County - HW  
City of Longwood Public Works  
Short Form Consent Order OGC No. 94-2325

Dear Mr. Smith:

As of this date, August 4, 1994, all corrective actions required under OGC Consent Order No. 94-2325 have been met. Enclosed is an executed copy of the Consent Order resolving alleged violations outlined in Inspection Report OCD-HW-93-0550. Please be aware, City of Longwood Public Works must continue to comply with all applicable hazardous waste rules and regulations.

If you have any questions please call Jennifer Hobbs or John White, Hazardous Waste Section at (407) 894-7555.

Sincerely,

  
Robert T. Snyder, P.E.  
Program Manager  
Hazardous Waste

RTS/jh

Enclosure

For Routing To Other Than The Addressee	
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

CENTRAL DISTRICT

TO: A. Alexander, P.E.  
District Director

THROUGH: William Bostwick, P.E. *WB*  
Program Administrator

THROUGH: Robert Snyder, P.E. *RS*  
Program Manager

FROM: Jennifer Hobbs *JH*  
Environmental Specialist

DATE: August 2, 1994

SUBJECT: Seminole County - HW  
City of Longwood Public Works  
Short Form Consent Order OGC Case No. 94-2325

The information and allegations set forth in the subject Consent Order have been reviewed with respect to the requirements of Chapter 403, Florida Statutes, and Florida Administrative Code Chapter 17.

The information contained within is complete and accurate to the best of my knowledge, information and belief.

*JH*  
JW/jh



## City of Longwood

PURCHASING DEPARTMENT  
155 W. WARREN AVE.

LONGWOOD, FLORIDA 32750  
TELEPHONE: (407) 260-3483

July 26, 1994

Mr. A. Alexander, P.E.  
District Director  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, Fl. 32803-3767

RE: City of Longwood; OGC File No. 94-2325


Dear Mr. Alexander:

On July 18, 1994 the City Commission accepted the Department of Environmental Protection's ("DEP") offer of settlement by Short Form Consent Order. Enclosed is the original Consent Order signed by the Mayor.

After the Consent Order has been countersigned by the State, please forward the executed copy to the City, at which time we will promptly process the check in the amount of \$15,450.00.

Should there be any questions, please do not hesitate to call me.

Sincerely,  
FOR THE CITY OF LONGWOOD

  
W. Shelton Smith,  
City Administrator

cc: Bob Snyder, FDER/Orlando  
Fernand Tiblier, P.E., City Engineer  
Rhonda Ledford, Purchasing Director

Sheeton Smith

08/04/94

City of Longwood  
155 W. WARREN AVE.  
LONGWOOD, FLORIDA 32750-4197  
POOLED FUNDS

FOLIO NUMBER  
050071

63-638 215  
631

SUN BANK N.A.  
Main Office  
Orlando, FL 32801

CHECK  
NUMBER

050071

CHECK DATE

7/29/94

PAY

THE SUM OF \$15,450 DOLLARS AND 00 CENTS

PAY THIS AMOUNT

15,450.00

VOID IF NOT CASHED WITHIN NINETY DAYS

TO THE  
ORDER OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
3319 MACQUIRE BLVD  
SUITE 232  
ORLANDO  
FL 328033767

Sheeton Smith  
Sheeton Smith Inc.

050071 06310838910215252035716

STATE OF TEXAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

214440

Received from \_\_\_\_\_

Address \_\_\_\_\_ Date \_\_\_\_\_

Applicant Name & Address \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Source of Revenue \_\_\_\_\_

Revenue Code \_\_\_\_\_ Application Number \_\_\_\_\_

By \_\_\_\_\_





Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

July 18, 1994

Virginia B. Wetherill  
Secretary

CERTIFIED MAIL

Z 184 852 222

City of Longwood Public Works  
180 East Warren Avenue  
Longwood, Florida 32750

OCD-HW/E-94-0269

RECEIVED  
CITY OF LONGWOOD  
JUL 20 PM 2:09

Attention: Mr. Shelton Smith  
City Manager

Re: Proposed Settlement by Short Form Consent Order in Case of City of Longwood Public Works,  
OGC File No.: 94-2325

Dear Mr. Smith:

The purpose of this letter is to complete the settlement of the violations previously identified by the Department of Environmental Protection ("DEP") in the Inspection Report OCD-HW-93-0550 dated August 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 fifteen thousand one hundred and fifty dollars (\$15,150.00) in civil penalties to complete settlement of the violations described in the attached Inspection Report, along with \$300.00 to reimburse the DEP's costs, for a total of fifteen thousand four hundred and fifty dollars (\$15,450.00). 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 to the Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767, within 15 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 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 shall constitute a violation of Section 403.161(1)(b), Florida Statutes.

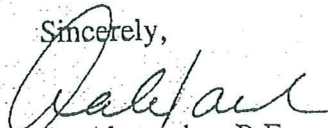
By countersigning this settlement offer, the DEP waives its right to seek judicial imposition of damages, costs and expenses, or civil penalties for the violations described above. By accepting this offer of settlement, you waive your rights as described in the Notice Of Rights attached to this document. If you do not sign and return this letter to the Department at the Central District address given above within 20 days of receipt of this letter, it will be referred to the DEP's Office of General



City of Longwood Public Works  
July 18, 1994  
Page Two

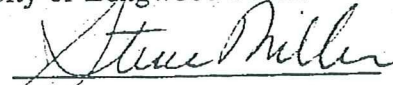
Counsel with a recommendation that formal enforcement action be taken against you. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the DEP Clerk.

Sincerely,

  
A. Alexander, P.E.  
District Director

I ACCEPT THE TERMS OF THIS SETTLEMENT OFFER.


For: City of Longwood Public Works

By: 

Title: Mayor

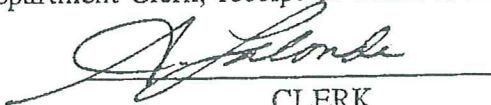
Date: 7/25/94

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
A. Alexander, P.E.  
District Director

ENTERED this 2 day of August, 1994 in Orlando, Florida.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
CLERK

8/3/94  
Date

  
AA/jh

Attachments

## NOTICE OF RIGHTS

Persons whose substantial interests are affected by the proposed agency action described in this document have a right, pursuant to Section 120.57, F.S., to petition for an administrative determination (hearing) on the proposed action. 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 publication of this notice. A copy of the Petition must also be mailed at the time of filing to the (persons 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 determination (hearing) pursuant to Section 120.57, F.S.

The petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department's identification number 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 Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (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 Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action;

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 agency (proposed) action 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 publication 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, F.S., 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.

\* \* \* \* \*

A party who is adversely affected by this Final Order is entitled to Judicial Review pursuant to Section 120.68, F.S. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings are commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Division of Administrative Hearings and a second copy, accompanied by filing fees prescribed by law, with the District Court of Appeal, First District, or with the District Court of Appeal in the Appellate District where the party resides. The Notice of Appeal must be filed within 30 days of rendition of the Order to be reviewed.